



Connecticut Science & Engineering Fair

Quinnipiac University

March 2 - 14, 2026

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Final Judging Results

Award Legend

Plaque Winners = 1, 2, ...
 Medalists = m
 Winners = w

Environmental Sciences Awards

[SchTown] [School] [Teacher]
 [Proj#] [FCat] [Project Title]

Middle School

Danbury St. Gregory the Great School Christine Fahey

1005 LT The effect of location on water quality of the Upper Saugatuck River Watershed using macroinvertebrate metrics.

Award 1 Student(s) Gemma Molisani Grade 8 Town Redding
 Lucia Molisani Grade 8 Town Redding

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 3rd Place- Life Sciences MS Team- trophy
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 1st Place MS - \$200, Trophy

Greenwich Western Middle School Andrew Bramante

5505 P8 Creating a Crab Trap That Uses Computer Vision To Detect and Capture the Invasive European Green Crab

Award 2 Student(s) Laila McQueen Grade 8 Town Greenwich

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences 8th Grade Ind.- \$200 & trophy
- * Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- Middle School \$200 / trophy
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 2nd Place MS- \$150, Trophy
- * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Physical Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * National Center for Inquiry Learning --- Daniel & Maggie Award for Imagination - MS \$100
- * Jon Stone Memorial Awards --- Jon Stone Award for Innovative Engineering- \$100
- * Quinnipiac University 4 Year Scholarship in Engineering \$30,000 (\$7500/year)

Avon Talcott Mountain Science Center Kaitlyn Roberts

5003 P7 Engineering A Durable Algae-Argonite Alkalinity System To Reduce CO2 Driven Ocean Acidification and Enhance Biological Resilience In Coastal Marine Ecosystems

Award 3 Student(s) Raji Doshi Grade 7 Town Farmington

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences 7th Grade Ind. - \$200 & trophy
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 3rd Place MS- \$100, Trophy
- * Alexion Biotechnology Awards --- 1st Place Biotechnology 7th grade - \$300 & trophy
- * Society of Women Engineers - Hartford Section --- Scientific Calculator
- * Southeastern New England Marine Educators (SEMEME) --- \$100 award and membership for student and teacher in SEMEME - 1st Place Junior
- * Freeman Family Excellence in Chemistry Awards --- \$100 For Excellence in Chemistry or Chemical Engineering - Middle School
- * Susan and Stanley Lessoff Memorial --- Susan and Stanley Lessoff Memorial Award - \$250 Cash MS



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Bozrah Fields Memorial School Joshua Fish

1003 LT The Impact of Ice Melting Substances On Unicellular Organisms In Pond Water

Award m **Student(s)** Analise Williams **Grade 8** **Town** Bozrah
 Ella Sikorski **Grade 8** **Town** Bozrah

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences Middle School Team - CSF Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- MS Finalist - CSF Medallion
- * National Oceanic and Atmospheric Administration --- Certificate and \$25 gift card given by CSEF
- * Alumni Botany Awards --- Alumni Middle School Botany Award- \$100 Cash

Greenwich Central Middle School Andrew Bramante

5502 P8 Repurposing Carbon Combustion Residuals from a Landfill Waste to a Beneficial Soil Additive

Award m **Student(s)** Morgan Schwartzstein **Grade 8** **Town** Greenwich

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- MS Finalist - CSF Medallion
- * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * Alexion Biotechnology Awards --- 5th Place Biotechnology 8th grade- trophy

Hamden Hamden Hall Country Day School Paulomi Aldo

5014 P7 What is the Lowest Ratio of Earth to Mars Soil in which Plants can be Grown?

Award m **Student(s)** George Hirsch **Grade 7** **Town** North Haven

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 3rd Place- Physical Sciences 7th Grade Ind. - \$100 & trophy
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- MS Finalist - CSF Medallion
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion

Windsor Madina Academy Jemilat Salami-Oyenuga

1019 LT Restoring Dead-Zones: The Role of High-Oxygen-Producing Vegetation in Assisting to Reduce Aquatic Hypoxia

Award m **Student(s)** Enaaya Mohammed **Grade 8** **Town** Windsor
 Nabaad Abdulkadir **Grade 8** **Town** Plantsville
 Musfira Bhuiyan **Grade 8** **Town** Windsor

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences Middle School Team - CSF Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- MS Finalist - CSF Medallion
- * EnergizeCT Future Sustainability Awards --- 1st Place Middle School - \$200 Cash and Trophy



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High School

Bridgeport Bridgeport Regional Aquaculture Center Holly Turner

3199 LS Impact of increasing water temperatures on strobilation rates in Aurelia aurita.

Award 1 Student(s) Calyn Fletcher Grade 10 Town fairfield

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 1st Place HS- \$300, Plaque and Stipend to Compete at GENIUS Olympiad
- * Aquarion Water Company --- 1st, \$300.00 Cash - Grade 9-12 For Excellence in Water Quality or Environmental Management

New Haven Hopkins School Yi Wang

3025 LS Nano-Enabled Defense: Using Sulfur Nanoparticles to Limit Cadmium in Soybeans

Award 2 Student(s) Luannie Wang Grade 10 Town Guilford

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 2nd Place HS- \$200, Plaque

Norwich Norwich Technical High School Kaitlin McKale

3526 LST Using Loop-Mediated Isothermal Amplification (LAMP) for Hydrilla Verticillata Identification in New England Waters

Award 3 Student(s) Jarelis Acevedo Grade 12 Town Norwich
 Addison Hackett Grade 12 Town Willimantic

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High Team - CSF Medallion
- * EnergizeCT Technical High School Science & Technology Awards --- 1st Place- Technical High School, \$300, Plaque & Stipend to Compete at GENIUS Olympiad
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 3rd Place HS- \$100, Plaque

Bridgeport Fairchild Wheeler Biotech Tara Liskov

3515 LST Testing the Efficacy of Non-Toxic Substances on the Destruction of Lanternflies and Egg Masses

Award m Student(s) Maxwell Egbuzie Grade 12 Town Bridgeport
 Sebastian Polanco Grade 12 Town Bridgeport

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High Team - CSF Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * Banning Family Life Science Award --- For excellence in invasive species research, \$100 cash



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Greenwich Brunswick School Dana Montanez

3519 LST Comparative Analysis of Biopolymer Hydrogels: an Investigation of Degradability, Nitrogen Leaching, and Plant Growth.

Award **m** Student(s) **Chris Pedlow** Grade 11 Town Cos Cob
Gabriel Levy Grade 11 Town Greenwich

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 1st Place- Life Sciences Senior High Team- \$500 (split) & Plaque
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion

Hamden Sacred Heart Academy Elizabeth Christophy

6502 PST Comparing α -Pinene Emissions from Local Wood's Smoke Through Polarimetric Data

Award **m** Student(s) **Persephone Delaney Delaney** Grade 10 Town Wallingford
Cathleen Coughlin Grade 10 Town North haven

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences Senior Team - CSF Medallion
- * Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion

Kent Kent School Jesse Klingebiel

3088 LS Ginger-Derived Exosomes Inhibit Microbial Contamination in Aqueous Environment

Award **m** Student(s) **Leni Fan** Grade 10 Town Lexington

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion

Mansfield Edwin O. Smith High School Cheryl Granger

3211 LS Researching the Effects Of Different Concentrations of Formaldehyde on the Presence of Different Species of Bacteria in Soil

Award **m** Student(s) **Avery Hancock-Braun** Grade 10 Town Storrs

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * NASA EARTH System Science Award --- Certificate and \$25 gift card given by CSEF

New Milford Canterbury School Woo Rin Lee

3061 LS Eco-Friendly Floating Bio-Island for Simultaneous Removal of Heavy Metals from Polluted Water Using Aquatic Macrophytes

Award **m** Student(s) **Minhyo Tae** Grade 11 Town Seoul, South Korea

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion



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Ridgefield Ridgefield High School Ryan Gleason
 [3141] [LS] [Prevalence of Pathogens in Asian Longhorn Ticks (Haemaphysalis Longicornis) in Bridgeport Connecticut]
Award [m] **Student(s)** Sara Hill **Grade** 12 **Town** Ridgefield

- * Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place High School \$200 / plaque
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * American Society of Safety Professionals, CT Valley Chapter --- \$200 grade 9-12 project

Wallingford Choate Rosemary Hall Jan Cook
 [3111] [LS] [Innovative Restoration of Coastal Marine Ecosystems: Phage-Based Disease Control and pH Modulation in Connecticut Waters]
Award [m] **Student(s)** Taeyoung Kim **Grade** 10 **Town** Seattle

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * National Oceanic and Atmospheric Administration --- Certificate and \$25 gift card given by CSEF

Waterbury ACES Chase Academy Anne pember
 [3184] [LS] [Dominat salt marsh species, Spartina alterniflora and Geukensia demissa, being used to mesure the health of a marsh.]
Award [m] **Student(s)** Nina Garcia **Grade** 10 **Town** Waterbury

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion

Woodbridge Amity Regional High School Sarah Reeves
 [3198] [LS] [Developing a Predictive App for Water Quality: Modeling E. Coli Quantification Through Spatiotemporal Variables]
Award [m] **Student(s)** Chloe Chang **Grade** 11 **Town** Orange

- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * Society for In Vitro Biology --- Certificate and \$25 gift card given by CSEF
- * Southeastern New England Marine Educators (SENEME) --- \$100 award and membership for student and teacher in SENEME - 1st Place Senior
- University of Connecticut Academic Excellence Scholarship to a Rising Senior (amount undefined)