



Connecticut Science & Engineering Fair

Quinnipiac University

March 2 - 14, 2026

These judging results are unaudited by the fair's Database Committee. The CSEF reserves the right to correct the listings.

Final Judging Results

Award Legend

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

Alternative/Renewable Energy Awards

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

Middle School

Wilton Middlebrook School Leah Pariso

4002 PT Dual Axis Automatic Solar Tracker

Award 1 **Student(s)** Aarya Patel **Grade** 7 **Town** Wilton
 Aaryan Patel **Grade** 7 **Town** Wilton

- * EnergizeCT Alternative & Renewable Energy Awards --- 1st Place Middle School - \$200 Cash and Trophy
- * EnergizeCT Future Sustainability Awards --- 2nd Place Middle School - \$150 Cash and Trophy
- * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * Society of Women Engineers - Hartford Section --- Scientific Calculator
- * MIT Club of Hartford K-12 Initiative --- For excellence in science & technology of energy related research, middle school, \$100 cash award
- * Jon Chapitis Memorial Award --- Jon Chapitis Spirit of Innovation Award - MS \$100
- * Dreams Unlimited Award --- \$150 cash award and certificate

Bridgeport Black Rock School Elizabeth Moran

5528 P8 Solar vs Battery Powered Car Performance

Award 2 **Student(s)** Robert Daley **Grade** 8 **Town** Bridgeport

- * Stanley Black & Decker Applied Technology Awards --- 2nd Place Middle School - \$200 and Plaque, Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- 2nd Place Middle School - \$150 Cash and Trophy
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * Society of Women Engineers - Hartford Section --- Scientific Calculator
- * The Bob Erickson Memorial Innovation Awards --- \$200 Cash Award- Clear Execution of Research- 8th Grade

Bridgeport John Winthrop School Srilakshmi Kongani

5520 P8 The War of Energy Efficiency

Award 3 **Student(s)** Anthony Gomes **Grade** 8 **Town** Bridgeport

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- 3rd Place Middle School - \$100 Cash and Trophy

Greenwich Sacred Heart Greenwich Mary Musolino

4018 PT Bio Fuel from Bamboo: Comparing the Yield of Ethanol Produced from Fermentation to the Bio Oil Produced from Solvent Extraction

Award m **Student(s)** Riley Williams **Grade** 8 **Town** Harrison
 Paula Tonkovich **Grade** 8 **Town** New Canaan

- * EnergizeCT Alternative & Renewable Energy Awards --- Middle School Finalist - Medallion



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High School

Woodbridge Amity Regional High School Lindsay McCarthy

6012 PS Developing a Bio-Hybrid Luminescent Solar Concentrator Using Carbon Quantum Dots, Natural Fluorophores, and Kaolin Powder for Enhanced Solar Energy Harvesting

Award 1 Student(s) **Aryan Shrivastav** Grade 11 Town Orange

- * EnergizeCT Alternative & Renewable Energy Awards --- 1st Place High School - \$300 Cash and Plaque
- * EnergizeCT Future Sustainability Awards --- 3rd Place High School - \$100 Cash and Plaque
- * Westinghouse Electric Company/New England Chapter of North American Young Generation in Nuclear --- 1st place, Excellence in Energy Research, \$100 cash award
- * Jon Chapitis Memorial Award --- Jon Chapitis Spirit of Innovation Award - HS \$200

Windsor Academy of Aerospace & Engineering Joshua Madore

6093 PS Optimizing the Efficiency of Solar Cells using Enhanced Cooling Techniques.

Award 2 Student(s) **Palaniappan Manikandan** Grade 10 Town Ellington

- * EnergizeCT Alternative & Renewable Energy Awards --- 2nd Place High School - \$200 Cash and Plaque
- * EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion
- * CT Architecture Foundation - The William M. Mack, AIA Awards --- \$250 Amazon Gift Card from the Connecticut Architecture Foundation, William M. Mack, AIA Award for Innovation in Building Performance.

Meriden H. C. Wilcox Technical High School Jeffrey Daddona

6518 PST Using storm water run off to generate clean energy and water.

Award 3 Student(s) **Chase Andrews** Grade 11 Town wallingford
Riley Keyes Grade 11 Town wallingford
Kyle Miranda Grade 11 Town Meriden

- * EnergizeCT Technical High School Science & Technology Awards --- 3rd Place- Technical High School , \$100, Plaque
- * EnergizeCT Alternative & Renewable Energy Awards --- 3rd Place High School - \$100 Cash and Plaque
- * EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion

Norwich Norwich Technical High School Kaitlin McKale

3010 LS Blue Oyster Cult(ure): Using Pleurotus for Mycoremediation of Water Contaminants

Award m Student(s) **Debbie Calixto Mota** Grade 11 Town Willimantic

- * EnergizeCT Technical High School Science & Technology Awards --- 2nd Place- Technical High School , \$200, Plaque
- * Stanley Black & Decker Applied Technology Awards --- Senior High Finalist - Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- High School Finalist - Medallion
- * University of New Haven 4 Year Scholarship for Exemplary 11th Grade Project, \$120,000 (\$30,000/year)

Westport Greens Farms Academy Mathieu Freeman

6062 PS A Novel Proposal for the Implementation of Microreactors & Conveyor Systems into the Transportation Phase of Mining to Eliminate Rock Truck CO₂ Emissions

Award m Student(s) **Cannon Anderson** Grade 12 Town weston

- * EnergizeCT Alternative & Renewable Energy Awards --- High School Finalist - Medallion