



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

Future Sustainability Awards

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

Middle School

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 1	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

Wilton Middlebrook School Leah Pariso

4002 PT Dual Axis Automatic Solar Tracker

Award 2	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 Chapis Memorial Award --- Jon Chapis Spirit of Innovation Award - MS \$100
- * Dreams Unlimited Award --- \$150 cash award and certificate

Danbury Westside Middle School Academy Nancy Barlow

4001 PT What desalinates water the most efficiently; Solar Distillation, Reverse Osmosis, and Boiling

Award 3	Student(s) Joseph Brocia	Grade 7	Town Danbury, CT
	Colin Guidotti	Grade 7	Town Danbury
	Brian Saltzman	Grade 7	Town Danbury

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Future Sustainability Awards --- 3rd Place Middle School - \$100 Cash and Trophy
- * IEEE, Connecticut Section --- \$250 Honors Award -Junior

Danbury Saint Joseph School Kathleen Spina

2506 L8 Homemade Water Filtration

Award m	Student(s) Ryder Maravilla	Grade 8	Town Danbury
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- * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion



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Danbury Westside Middle School Academy Nancy Barlow
 1006 LT The Effect of Acid Rain on Plants Around the World
 Award m Student(s) Brooke Cyphers Grade 7 Town Danbury
 Margo Anderson Grade 7 Town Danbury

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion
- * Alexion Biotechnology Awards --- 4th Place Biotechnology 7th grade - trophy

Danbury Westside Middle School Academy Nancy Barlow
 1020 LT How Do Organisms Affect The Rate Off Food Decomposition?
 Award m Student(s) Reina Melendez Grade 8 Town Danbury
 Sophia Cardenas Grade 8 Town Danbury

- * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion
- * Association for Women Geoscientists --- Certificate & \$25 gift card given by CSEF
- * Earth Forward Group, LLC --- 3rd Prize for Sustainable, Agriculture and Food Systems \$100 cash

Greenwich Eastern Middle School Andrew Bramante
 5506 P8 OASIS: A Solar-Powered Off-Grid System for Harvesting Water from Subsurface Sand Moisture to Support Desert Vegetation Recovery
 Award m Student(s) Jiahao Luo Grade 8 Town Greenwich

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 4th Place- Physical Sciences 8th Grade Ind. - trophy
- * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion
- * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * Alexion Biotechnology Awards --- 2nd Place Biotechnology 8th grade - \$150 & trophy
- * Lemelson Early Inventor Award --- Certificate & \$100 cash award from Lemelson Foundation
- * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22

High School

Greenwich Greenwich High School Andrew Bramante
 6019 PS Harvesting Energy using Rain: Self-Healing Triboelectric Nanogenerators using CNT Composite Paper to Produce Meaningful Energy Production
 Award 1 Student(s) Richard Lu Grade 9 Town Greenwich

- * EnergizeCT Future Sustainability Awards --- 1st Place High School - \$300, Plaque & \$1250 Stipend to Compete at GENIUS Olympiad
- * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion



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Wallingford Choate Rosemary Hall Talia Dell Angelo

6531 PST Harvesting Water from Air: Optimization of a Novel Solar-Powered Atmospheric Water Generator

Award 2 Student(s) Hsiao Chian Tseng Grade 11 Town Bellevue
 Hiyab Mebrahtu Grade 11 Town Haverford

- * EnergizeCT Future Sustainability Awards --- 2nd Place High School - \$200 Cash and Plaque
- * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22

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 3 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

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

Meriden H. C. Wilcox Technical High School Jeffrey Daddona

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

Award m 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

Trumbull Trumbull Agriscience & Biotechnology Kevin Boken

6056 PS Development of a Multi-Axis Adaptive Inertia Regulation Exoskeleton System: A Counter-Rotational Gyroframe for Stabilization and Energy Efficiency

Award m Student(s) Johnathon Lin Grade 10 Town Bridgeport

- * EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion
- * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion
- * U.S. Metric Association --- Certificate & \$25 gift card given by CSEF
- * Electric Boat Management Association Science and Engineering Research Awards --- Top Prize in Nuclear Energy - \$100 Cash for top project that has innovative nuclear applications



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Windsor Academy of Aerospace & Engineering Joshua Madore
 6093 PS Optimizing the Efficiency of Solar Cells using Enhanced Cooling Techniques.
Award m **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.