



# Connecticut Science & Engineering Fair

## Quinnipiac University

March 7 - 19, 2022

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

5508 P8 The Luboni

Award 1 Student(s) Lucille Presbrey Grade 8 Town Ridgefield

- \* Lockheed Martin Physical Sciences Awards --- Finalist - Physical Sciences 8th Grade - CSF Medallion
- \* EnergizeCT Alternative/Renewable Energy Awards --- 1st Place Middle School - \$300 and Plaque
- \* IEEE, Connecticut Section --- \$100 Honorable Mention
- \* Robotics And Beyond --- Middle School- For excellence in engineering design; \$200 toward Robotics And Beyond STEM and Design summer camp, \$50 cash if cannot attend camp. Certificate.

5008 P7 Underground Life

Award 2 Student(s) Owen Nicholas Grade 7 Town Pawcatuck

- \* Lockheed Martin Physical Sciences Awards --- 4th Place - Physical Sciences 7th Grade Ind. - Plaque
- \* EnergizeCT Alternative/Renewable Energy Awards --- 2nd Place Middle School - \$200 and Plaque

5506 P8 Building an Electric Skateboard

Award 3 Student(s) Elijah Teixeira Grade 8 Town Bridgeport

- \* EnergizeCT Alternative/Renewable Energy Awards --- 3rd Place Middle School - \$100 and Plaque

5516 P8 Are LED's affected by heat?

Award m Student(s) Alessandro Ochoa Grade 8 Town Wilton

- \* EnergizeCT Alternative/Renewable Energy Awards --- Middle School Finalist - Medallion
- \* EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion

### High School

6063 PS Utilizing Rooftop Gardens as a Means of Geothermal Energy Through Ground to Air Heat Transfer Systems

Award 1 Student(s) Aidan King Grade 12 Town Milford

- \* CASE • The Jackson Laboratory Urban School Challenge Awards --- Senior High Finalist - Medallion
- \* EnergizeCT Alternative/Renewable Energy Awards --- 1st Place High School - \$500 and Plaque
- \* EnergizeCT Future Sustainability Awards --- 3rd Place High School - \$200 and Plaque
- \* American Meteorological Society --- Certificate & \$25 gift card given by CSEF
- \* Frederick Olender USC Award in Memory of G. Robert Wisner --- \$250 Cash Award for HS student in USC school



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 [Proj#] [FCat] [Project Title]

6013 PS Optimizing a Portable Vertical Axis Wind Turbine with Improved Construction Methods and Testing of Various Airfoils  
**Award** 2 **Student(s)** Brodey Lu **Grade** 12 **Town** Orange

- \* EnergizeCT Alternative/Renewable Energy Awards --- 2nd Place High School - \$300 and Plaque
- \* EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion
- \* Raytheon Corporation Awards --- \$500, Plaque

6065 PS A New Hybrid: Harnessing the Power of Friction  
**Award** 3 **Student(s)** Michael Neiss **Grade** 11 **Town** Guilford

- \* EnergizeCT Alternative/Renewable Energy Awards --- 3rd Place High School - \$200 and Plaque
- \* Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift card given by ONR
- \* Vanderbilt Chemicals, LLC --- \$150 Vanderbilt Chemicals Award for Excellence in Tribology and Sustainable Lubrication
- \* University of New Haven Scholarship Awards --- University of New Haven 4 year scholarship - \$96,000 (\$24,000 per year)

6001 PS The Hydrogen Motor  
**Award** m **Student(s)** Benjamin England **Grade** 12 **Town** salem

- \* EnergizeCT Alternative/Renewable Energy Awards --- High School Finalist - Medallion

6504 PST Beyond Sunshine: Robotic Optimization for Maximum Efficiency of Solar Energy Production  
**Award** m **Student(s)** Aiden Christy **Grade** 12 **Town** Glastonbury  
 Neel Vachhani **Grade** 11 **Town** South Windsor

- \* EnergizeCT Alternative/Renewable Energy Awards --- High School Finalist - Medallion
- \* EnergizeCT Future Sustainability Awards --- High School Finalist - Medallion