



Connecticut Science & Engineering Fair

Quinnipiac University

March 14 - 18, 2017

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

EnergizeCT/CL&P/eesmarts Future Sustainability Awards

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

High School

Bridgeport Fairchild Wheeler Magnet High School Ms. Warner

6003 PS AN INVESTIGATION INTO THE CAPABILITY OF GRAPHENE TO PRODUCE ELECTRICITY DURING RAINSTORMS AS AN ADDITION TO A TRADITIONAL SOLAR PANEL

Award 1 Student(s) Steven Siveyer Grade 10 Town Monroe

- * CASE Urban School Challenge Awards with Aetna, IBM, & Travelers --- 2nd Place High School - \$400 and Plaque, Medallion
- * Energize CT/eesmarts Future Sustainability Awards --- 1st Place High School - \$500 Cash, Plaque, and Trip to Compete I-SWEEEP, Houston
- * UTC Aerospace Systems Awards for Excellence in Engineering --- Finalist - Engineering Senior High - CSF Medallion

Fairfield Fairfield College Preparatory School Ms. Kiel

3126 LS An investigation into the use of fruit peel filters to reduce the level of water contamination.

Award 2 Student(s) Jonathan Siveyer Grade 12 Town Monroe

- * Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion
- * Environmental Sciences Awards with CACIWC --- HS Finalist - CACIWC gifts, CSF Medallion
- * Energize CT/eesmarts Future Sustainability Awards --- 2nd Place High School - \$300 Cash and Plaque
- * GENIUS Olympiad --- GENIUS Olympiad Competition for 2nd Place HS Future Sustainability

Shelton Shelton High School Mrs. McNamara

6042 PS Cheap Heat

Award 3 Student(s) Gregorio Corsale Grade 12 Town Derby

- * Energize CT/eesmarts Alternative/Renewable Energy Awards --- High School Finalist - Medallion
- * Energize CT/eesmarts Future Sustainability Awards --- 3rd Place High School - \$200 Cash and Plaque

Bethel Bethel High School Raymond Turek

3066 LS Maximizing Energy Production from MudWatts

Award m Student(s) Brynne Bosworth Grade 12 Town Bethel

- * Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion
- * Energize CT/eesmarts Future Sustainability Awards --- High School Finalist - Medallion

Bristol St. Paul Catholic High School Mr. Aliberti

6047 PS A Weather-Based Autonomous Rainwater Irrigation System

Award m Student(s) Kamila Krawczuk Grade 11 Town New Britain

- * Xerox Computer Science Awards --- Senior High Finalist - Medallion
- * Energize CT/eesmarts Future Sustainability Awards --- High School Finalist - Medallion
- * Leask/Francoeur Family Awards --- 1st Place High School- For innovation electrical engineering or computer science - \$200 cash
- * Connecticut Nurserymen's Foundation, Inc. --- \$200 Cash Award & paid registration to the CT Nursery and Landscape Summer Meeting
- * Southeastern New England Marine Educators --- Outstanding project in aquatic Science \$100 award and membership in SENEME - 1st place Senior and t-shirt



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Greenwich Greenwich High School Mr. Bramante
 6053 PS Renewable Energy Generation of a Hybridized Saltwater Electrochemical and Hydrokinetic Energy System
 Award m Student(s) Bennett Hawley Grade 10 Town Cos Cob

- * Energize CT/esmarts Future Sustainability Awards --- High School Finalist - Medallion
- * UTC Aerospace Systems Awards for Excellence in Engineering --- 3rd Place- Engineering Senior High- \$300 & plaque
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * Mystic Aquarium - Sea Research Foundation --- \$100 and 4 Admission Tickets to Mystic Aquarium

Milford Platt Technical High School Mrs. Hart
 6522 PST Project W- Domestic water recovery system
 Award m Student(s) Christian Haupt Grade 10 Town West Haven
 Christian Ramos Grade 10 Town Stratford

- * Energize CT/esmarts Future Sustainability Awards --- High School Finalist - Medallion
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Sustainability

New Haven Engineering Science University Magnet School Roger Rushworth
 6097 PS Developing a Novel Energy Harvesting Device using Paint-on Fabrication Techniques with Mosz and use of Discardable Materials
 Award m Student(s) Arya Bairat Grade 9 Town Milford

- * Energize CT/esmarts Future Sustainability Awards --- High School Finalist - Medallion
- * ASU Walton Sustainability Solutions Initiatives --- Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card
- * IEEE, Connecticut Section --- \$250 Honors Award -Senior

New London Science and Technology Magnet HS Charles Mulligan
 6519 PST The Optimization of a Polycrystalline and Monocrystalline Solar Cell through Effective Cooling in the Form of a Heatsink Transfer System
 Award m Student(s) John Burnett Grade 11 Town Ledyard
 Austin Huang Grade 11 Town Uncasville

- * Energize CT/esmarts Future Sustainability Awards --- High School Finalist - Medallion

New London Science and Technology Magnet HS Charles Mulligan
 3081 LS Effectiveness of American Beach Grass Restoration
 Award m Student(s) Tessa Rock Grade 11 Town New London

- * Energize CT/esmarts Future Sustainability Awards --- High School Finalist - Medallion
- * The Goodwin-Niering Center for the Environment --- \$100 for "Excellence in Environmental Conservation Studies"
- * Alumni Botany Awards --- Alumni High School Botany Award- \$100 Cash
- * Yale Peabody Museum --- Family "six-pack" of free passes to the Yale Peabody Museum



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Suffield Suffield High School Mitchell Charkiewicz
 3520 LST An investigation of Nannochloropsis oculata / Yeast Biofuel Efficiency

Award m **Student(s)** Jason Werenski **Grade** 12 **Town** Suffield
 Yash Mehta **Grade** 12 **Town** Suffield
 Tristan Evans **Grade** 12 **Town** Suffield

* Energize CT/eesmarts Future Sustainability Awards --- High School Finalist - Medallion

Windsor Madina Academy Saqib Chariwala
 6514 PST Charge Your Devices Using a Portable Thermoelectric Generator Harnessing Wasted Heat Energy

Award m **Student(s)** Ayman ElSherbini **Grade** 10 **Town** Windsor
 Alina Mohammed **Grade** 10 **Town** Windsor

* Energize CT/eesmarts Future Sustainability Awards --- High School Finalist - Medallion