



Connecticut Science & Engineering Fair

Quinnipiac University

March 11 - 15, 2014

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

Final Judging Results

EnergizeCT/CL&P/eesmarts Sustainable Resources & Practices Awards

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

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

Middle School

Bozrah Fields Memorial School Mrs. Ev Brown

5508 P8 A Study of the Production, Impact Testing, and Degradation of Seaweed Based Bioplastics

Award 1 Student(s) Katie Provost Grade 8 Town Bozrah

- Dominion Nuclear Connecticut Physical Sciences Awards --- Finalist - Physical Sciences 8th Grade - CSF Medallion & Acrylic Award
- Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion, Acrylic award
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- 1st Place Middle School - \$500 Cash and Trophy
- UTC Aerospace Systems Awards for Excellence in Engineering --- \$1,000 cash and plaque for excellence in engineering
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- Alexion Biotechnology Awards --- 1st Place- Biotechnology 8th grade- \$500 & trophy and Invitation Compete in Broadcom MASTERS
- Ricoh Corporation/Society for Science & the Public --- Certificate, Lapel Pin, \$50 gift card to Amazon given by CSEF
- Society of Women Engineers - Hartford Section --- Scientific Calculator
- Southeastern New England Marine Educators --- \$100 award and membership in SENEME - 1st Place Junior
- Air and Waste Management Association, Connecticut Chapter --- \$100 Junior, Environmental Research, waste recycling related

Wilton Middlebrook School Kendra Norman

5030 P7 Solar and Wind Power

Award 2 Student(s) Jonathan Wu Grade 7 Town Wilton

- Dominion Nuclear Connecticut Physical Sciences Awards --- 4th Place- Physical Sciences 7th Grade Ind. - trophy, invite to compete Broadcom MASTERS
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- 2nd Place Middle School - \$300 Cash and Trophy

Windsor Madina Academy Iman AlNaggar

4030 PT Novel Methods for Water Desalination by Harnessing Solar Energy using a Solar Oven With Flat Mirrors, Fresnel Lens and a Parabolic Mirror

Award 3 Student(s) Nader Kasem Grade 8 Town Glastonbury
Khaleel Rahman Grade 8 Town Windsor
Ayman ElSherbini Grade 8 Town Windsor

- Dominion Nuclear Connecticut Physical Sciences Awards --- 2nd Place- Physical Sciences MS Team- \$100 each & trophy, invite to compete Broadcom MASTERS
- Barnes Aerospace Applied Technology Awards --- 3rd Place Middle School - \$100 and Trophy, Medallion
- Environmental Sciences Awards with CACIWC --- 2nd Place MS- \$200, Trophy, CACIWC gifts
- EnergizeCT/UI/eesmarts Alternative/Renewable Energy Awards --- 1st Place Middle School - \$300 Cash and Trophy
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- 3rd Place Middle School - \$200 Cash and Trophy
- CSF Board of Directors Award --- certificate and \$50 Amazon gift card given by CSF



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Bridgeport High Horizons Magnet School Mrs. Scott-Thiam

2535 L8 BioGas: The Future to Alternative Energy

Award m **Student(s)** Rahnumar Rahman **Grade** 8 **Town** Bridgeport

- Pfizer Life Sciences Awards --- 4th Place- Life Sciences 8th grade- trophy and Invite to Compete Broadcom MASTERS
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy

Bridgeport Six to Six Interdistrict Magnet School Carmen Andrews

2028 L7 Nature's Way of Cleaning Oil Spills in Fresh Water

Award m **Student(s)** Xiomara Hernandez **Grade** 7 **Town** Stratford

- Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion, Acrylic award
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion & Acrylic Award Souvenir
- Ricoh Corporation/Society for Science & the Public --- Certificate, Lapel Pin, \$50 gift card to Amazon given by CSEF

Norwalk The Montessori Middle School Cara Johnson

2021 L7 Green Energy, Green World

Award m **Student(s)** Elizabeth Byer **Grade** 7 **Town** Weston

- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy

Orange Southern Connecticut Hebrew Academy Karen Howell

2507 L8 Analysis of Phosphorus (Fertilizer) Recovery from Varied "Run-off" Sources (Local Rivers and L.I.S.)

Award m **Student(s)** Ben Forti **Grade** 8 **Town** Woodbridge

- Pfizer Life Sciences Awards --- 5th Place- Life Sciences 8th grade- trophy and Invite to Compete Broadcom MASTERS
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion & Acrylic Award Souvenir
- Schoepfer Award for Excellence in Local Aquatic Science --- For excellence in a local water quality study, \$100 cash

Orange Southern Connecticut Hebrew Academy Mrs. Howell

5517 P8 Analysis of natural sources of possible road de-icers and effect on pavement, soil, and plants.

Award m **Student(s)** Jacob Hasbani **Grade** 8 **Town** New Haven

- Dominion Nuclear Connecticut Physical Sciences Awards --- 3rd Place- Physical Sciences 8th Grade Ind, - \$100 & trophy, invite to compete Broadcom MASTERS
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- TurnKey Compliance Solutions Environmental Awards --- \$100 Cash Award Middle School- For excellence in environmental sciences



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Stratford St. Mark School Mr. McMahon

2044	L7	Growing Our Future: Using LED Hydroponics to Cultivate Fresh Produce: A Solution for Urban Food Deserts
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Award m **Student(s)** Kristen Robertson **Grade** 7 **Town** Stratford

- Pfizer Life Sciences Awards --- 1st Place- Life Sciences 7th grade- \$200 & trophy and Invitation to Compete Broadcom MASTERS
- Barnes Aerospace Applied Technology Awards --- 1st Place Middle School - \$300 and Trophy, Medallion
- Environmental Sciences Awards with CACIWC --- 3rd Place MS- \$100, Trophy, CACIWC gifts
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- Alexion Biotechnology Awards --- 4th Place- Biotechnology 7th grade- trophy
- Talcott Mountain Science Center --- Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Life Science
- Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner

Windsor Madina Academy Iman Al-Naggar

5029	P7	To Design A Self-Sustained Wind-Microbial Hybrid Device that will Generate Clean Hydrogen for Energy
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Award m **Student(s)** Maryam Moghul **Grade** 7 **Town** Farmington

- Dominion Nuclear Connecticut Physical Sciences Awards --- 3rd Place- Physical Sciences 7th Grade Ind. - \$100 & trophy, invite to compete Broadcom MASTERS
- Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion, Acrylic award
- EnergizeCT/CL&P/eesmarts Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion & Acrylic Award Souvenir