



Connecticut Science & Engineering Fair

Quinnipiac University

March 15 - 19, 2016

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

Wilton Middlebrook Middle School Paige Randall

2065 L7 Banana Peels: Second Life as a Water Purifier

Award 1 **Student(s)** Anika Bhagavatula **Grade** 7 **Town** Wilton

- * Pfizer Life Sciences Awards --- 2nd Place- Life Sciences 7th grade- \$100 & trophy and Invite to Compete Broadcom MASTERS
- * Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- MS Life Sciences- \$300 / plaque
- * Environmental Sciences Awards with CACIWC --- 1st Place MS - \$300, Trophy, CACIWC gifts
- * Sustainable Resources and Practices Awards --- 1st Place Middle School - \$500 Cash and Trophy
- * Alexion Biotechnology Awards --- 2nd Place- Biotechnology 7th grade- \$200 & trophy
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSEF
- * Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"

Danbury Westside Middle School Academy Jonathan Neuhausel

2005 L7 Study of Various Starch-based Biopolymers

Award 2 **Student(s)** Lasya Josyula **Grade** 7 **Town** Danbury

- * Pfizer Life Sciences Awards --- 1st Place- Life Sciences 7th grade- \$200 & trophy and Invitation to Compete Broadcom MASTERS
- * Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place- MS Life Sciences- \$200 / plaque
- * CASE Urban School Challenge Awards with Travelers --- 1st Place Middle School - \$300 and Trophy, Medallion
- * Sustainable Resources and Practices Awards --- 2nd Place Middle School - \$300 Cash and Trophy
- * Connecticut Academy of Science and Engineering Middle School Urban School Challenge Award --- Urban School Challenge 1st MS- \$250 Cash Award, Invite to attend CASE's Annual Mtg & \$500 to School Science Department for Equipment/Supplies
- * Alexion Biotechnology Awards --- 1st Place- Biotechnology 7th grade- \$300 & trophy
- * Urban School Challenge 1st Place Middle School Awards --- USC Highest Placing 7th grader- Project Oceanology's Ocean Camp
- * **The Karen J. Howell Middle School Award for "Learning and Serving"**
--- The Karen J. Howell Middle School Award for "Learning and Serving" - \$1000 Life Science

Danbury Westside Middle School Academy Mr. Neuhausel

5530 P8 Harvesting Wind From Street Canyons Using A Double Helix Wind Turbine

Award 3 **Student(s)** Jeffrey Osborne **Grade** 8 **Town** Danbury

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 2nd Place- Physical Sciences 8th Grade Ind. - \$200 & trophy, invite to compete Broadcom MASTERS
- * CASE Urban School Challenge Awards with Travelers --- 2nd Place Middle School - \$200 and Trophy, Medallion
- * Sustainable Resources and Practices Awards --- 3rd Place Middle School - \$200 Cash and Trophy
- * Urban School Challenge 1st Place Middle School Awards --- Highest Placing 8th grader- GENIUS-Olympiad- \$500 travel stipend
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"



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Bozrah Fields Memorial School Evelyn Brown

5518 P8 Producing Renewable Energy Using Piezoelectric Walking Surfaces

Award m **Student(s)** Dravyn Okoney **Grade** 8 **Town** Bozrah

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 1st Place- Physical Sciences 8th Grade Ind. - \$300 & trophy, invite to compete Broadcom MASTERS
- * Alternative/Renewable Energy Awards --- 1st Place Middle School - \$300 Cash and Trophy
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- * UTC Aerospace Systems Awards for Excellence in Engineering --- \$1,000 cash and plaque for excellence in engineering
- * Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Physical Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSEF
- * Ricoh Americans Corporation --- Certificate, \$50 gift card to Amazon given by CSEF
- * Constellation, an Exelon Company --- 2nd: \$75.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy
- * Connecticut Association for the Gifted --- Leonardo Davinci 7-8 Grade \$50 Gift Certificate
- * Spirit of Invention Award --- \$100 Cash and Plaque for Inventive Concepts

Danbury St. Joseph School Jennifer Reilly

5004 P7 Efficient Low Energy Salt Water Desalination

Award m **Student(s)** Elias Haddad **Grade** 7 **Town** Danbury

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Sciences 7th Grade - CSF Medallion & Acrylic Award
- * Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion, Acrylic award
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- * MIT Club of Hartford K-12 Initiative --- For excellence in science & technology of energy related research, middle school, \$100 cash award
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"



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Hartford Sport and Medical Sciences Academy Marianne Vitali

5005 P7 Natural Plastic

Award m **Student(s)** Madison Lee **Grade 7** **Town** Rocky Hill

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 5th Place- Physical Sciences 7th Grade Individual - trophy
- * Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- MS Phys. Sciences- \$300 / plaque
- * CASE Urban School Challenge Awards with Travelers --- 4th Place Middle School - Trophy, Medallion
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic 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 --- 3rd Place- Biotechnology 7th grade- \$100 & trophy
- * ASM Materials Education Foundation --- Certificate & \$50 gift card to Amazon given by CSEF
- * Unilever Trumbull R&D --- Shadow Day at Unilever Trumbull R&D Centre
- * Stanley Lessoff Award for Excellence In Analytical Technique --- \$100 Cash and Plaque
- * Fred Bailey Memorial Award --- \$250 for innovative research- Hartford Urban Middle School Project
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"

Hebron Oei - Homeschool Ellen McHugh

5026 P7 Hydropower Tiles: A Novel Approach to Harvesting Energy from Human Locomotion

Award m **Student(s)** John Oei **Grade 7** **Town** Hebron

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Sciences 7th Grade - CSF Medallion & Acrylic Award
- * Alternative/Renewable Energy Awards --- 2nd Place Middle School - \$200 Cash and Trophy
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- * UTC Aerospace Systems Awards for Excellence in Engineering --- \$1,000 cash and plaque for excellence in engineering
- * Unilever Trumbull R&D --- Shadow Day at Unilever Trumbull R&D Centre
- * IEEE, Connecticut Section --- \$250 Honors Award -Junior
- * Society of Women Engineers - Hartford Section --- Scientific Calculator
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"
- * Bob Harris Fix It Award --- \$75 and Certificate for ingenuity in using material and tools

Stratford St. Mark School Ms. Stacy Xanthos

2020 L7 Mud Power

Award m **Student(s)** Liam Millott **Grade 7** **Town** Milford

- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- * Alexion Biotechnology Awards --- 4th Place- Biotechnology 7th grade- trophy



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West Hartford St. Timothy Middle School Mrs. Christina Simao-Breen

5550 P8 Sustainable Wireless Powered House

Award m **Student(s)** Steven Liu **Grade** 8 **Town** West Hartford

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Sciences 8th Grade - CSF Medallion & Acrylic Award
- * Alternative/Renewable Energy Awards --- Middle School Finalist - Medallion, Acrylic Award
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- * Constellation, an Exelon Company --- 1st: \$125.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy

Windsor Madina Academy Muhammad Abubakar

4028 PT Investigating novel methods of generating electricity by using a Fibonacci wind-turbine with piezoelectric generators versus a regular wind-turbine with piezoelectric-generators

Award m **Student(s)** Ibrahim Moghul **Grade** 8 **Town** Bloomfield
 Yaman Zoghol **Grade** 7 **Town** Enfield
 Ahmad Mohammed **Grade** 7 **Town** Windsor

- * Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion, Acrylic award
- * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy