



# 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

## 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 Jessica Garcia

2504 L8 A Novel Method for Oil Spill Cleanup Using Biomass

**Award** 1 **Student(s)** Anika Bhagavatula **Grade** 8 **Town** Wilton

- \* Pfizer Life Sciences Awards --- 1st Place- Life Sciences 8th grade- \$300 & trophy and Invite to Compete Broadcom MASTERS
- \* 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
- \* Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Life Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- \* Ricoh Americas Corporation --- Certificate, \$25 Amazon gift card given by CSEF
- \* National Oceanic and Atmospheric Administration --- Certificate and medallion, and \$25 Amazon gift card given by CSEFF
- \* 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

5537 P8 Developing a Prototype Atmospheric Water Generator System as a Clean, Safe and Sustainable Water Source

**Award** 2 **Student(s)** John Oei **Grade** 8 **Town** Hebron

- \* Pepsico Physical Sciences Awards --- 1st Place- Physical Sciences 8th Grade Ind.- \$300 & trophy, invite to compete Broadcom MASTERS
- \* Barnes Aerospace Applied Technology Awards --- 3rd Place Middle School - \$100 and Trophy, Medallion
- \* Sustainable Resources and Practices Awards --- 2nd Place Middle School - \$300 Cash and Trophy
- \* United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report
- \* Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Physical Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- \* NASA EARTH System Science Award --- Certificate and \$25 gift card given by CSEF
- \* Ct Architecture Foundation Award Name: The William M. Mack, AIA Award --- \$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.
- \* Society of Women Engineers - Hartford Section --- Scientific Calculator

**Danbury** Westside Middle School Academy Andrea LaRosa

2537 L8 Testing CNT (Carbon Nanotubes) to filter E. coli Infected Water Samples

**Award** 3 **Student(s)** Lasyapriya Josyula **Grade** 8 **Town** Danbury

- \* Sustainable Resources and Practices Awards --- 3rd Place Middle School - \$200 Cash and Trophy
- \* Alexion Biotechnology Awards --- 1st Place- Biotechnology 8th grade- \$500 & trophy and Invitation Compete in Broadcom MASTERS

**Bethany** Amity Reg Middle School - Bethany Campus Kevin Berean

4001 PT Using Flocculation to Extract Chromium 6 From Water

**Award** m **Student(s)** Wendy Zhang **Grade** 8 **Town** Woodbridge  
Claire Yuan **Grade** 8 **Town** Woodbridge

- \* Barnes Aerospace Applied Technology Awards --- 2nd Place Middle School - \$200 and Trophy, Medallion
- \* Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion



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**Cheshire** St. Bridget School Michelle Carroll

2014 L7 Which Bioplastic is more Elastic

**Award** m **Student(s)** **Kavin Kathir** **Grade 7** **Town** Cheshire

- \* Pfizer Life Sciences Awards --- 5rd Place- Life Sciences 7th grade- trophy
- \* Environmental Sciences Awards with CACIWC --- MS Finalist - CACIWC gifts, CSF Medallion
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion
- \* United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report

**Danbury** Westside Middle School Academy Mr. Neuhausel

5025 P7 A study on soil product following bio degradation of Styrofoam by tenebrio

**Award** m **Student(s)** **Cassandra Plank Pinho** **Grade 7** **Town** Danbury

- \* Pepsico Physical Sciences Awards --- 4th Place- Physical Sciences 7th Grade Ind. - trophy
- \* CASE Urban School Challenge Awards with Aetna, IBM, & Travelers --- 3rd Place Middle School - \$100 and Trophy, Medallion
- \* Environmental Sciences Awards with CACIWC --- 2nd Place MS- \$200, Trophy, CACIWC gifts
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion
- \* Urban School Challenge 1st Place Middle School Awards --- USC Highest Placing 7th grader- Project Oceanology's Ocean Camp

**Hartford** Sport and Medical Sciences Academy Christine Demusz

5508 P8 Natural Plastic: Milk Plastic Biodegradation vs. Commercial Plastic Degradation

**Award** m **Student(s)** **Madison Lee** **Grade 8** **Town** Rocky Hill

- \* Pepsico Physical Sciences Awards --- 5th Place- Physical Sciences 8th Grade Ind. - trophy
- \* CASE Urban School Challenge Awards with Aetna, IBM, & Travelers --- 1st Place Middle School - \$300 and Trophy, Medallion
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion
- \* UTC Aerospace Systems Awards for Excellence in Engineering --- 1st Place- Engineering 8th grade- \$500 & trophy and Invitation Compete in Broadcom MASTERS
- \* 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 --- 2nd Place- Biotechnology 8th grade- \$300 & trophy and Invitation Compete in Broadcom MASTERS
- \* NASA EARTH System Science Award --- Certificate and \$25 gift card given by CSEF
- \* Air and Waste Management Association, Connecticut Chapter --- \$100 Junior, Environmental Research, waste recycling related
- \* Urban School Challenge 1st Place Middle School Awards --- Highest Placing 8th grader- GENIUS-Olympiad Competition -\$500 travel stipend
- \* GENIUS Olympiad --- GENIUS Olympiad Competition for Highest Placing USC 8th grade Project

**Monroe** St. Jude School Mrs. Shea

5518 P8 Magnetic Power

**Award** m **Student(s)** **Francesco Thomas** **Grade 8** **Town** Monroe

- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion



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**Southington** Southington Catholic School Pauline Pelczar

5504 P8 Trash to Gas!

**Award** m **Student(s)** Victoria Gomez **Grade 8** **Town** Southington

- \* Pepsico Physical Sciences Awards --- Finalist - Physical Sciences 8th Grade - CSF Medallion
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion

**Windsor** Madina Academy Saqib Chariwala

4020 PT Investigating Novel Methods of Generating Electricity Using a Double Plated Magnetic Generator with Springs Compared to a Miniature Axial Rounded Tip Tidal Stream Generator

**Award** m **Student(s)** AlYaman Zoghol **Grade 8** **Town** Enfield  
 Ahmad Mohammed **Grade 8** **Town** Windsor

- \* Pepsico Physical Sciences Awards --- Finalist - Physical Science sJr Team - CSF Medallion
- \* Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion
- \* UTC Aerospace Systems Awards for Excellence in Engineering --- 5th Place- Engineering 8th grade- trophy
- \* United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report