



# 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

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

## United Technologies Corporation Awards

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

### Middle School

**Bethany** Amity Regional Middle School Kevin Berean

4014	PT	Printed Prosthetics
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<b>Award</b>	<b>Student(s)</b> Elizabeth Frieden	<b>Grade 8</b>	<b>Town</b> Bethany
	Sally Thach	<b>Grade 8</b>	<b>Town</b> Woodbridge

- Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- 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

**Branford** Connecticut Experiential Learning Center Melinda Alcosser

5018	P7	A System for Remembering Generic Items (ASRGI for short)
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<b>Award</b>	<b>Student(s)</b> Joshua Barrett	<b>Grade 7</b>	<b>Town</b> Woodmont
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- Xerox Computer Science Awards --- 3rd Place Middle School- \$100, Trophy, Medallion
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report

**Bozrah** Fields Memorial School Mrs. Ev Brown

5508	P8	A Study of the Production, Impact Testing, and Degradation of Seaweed Based Bioplastics
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<b>Award</b>	<b>Student(s)</b> Katie Provost	<b>Grade 8</b>	<b>Town</b> Bozrah
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- 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



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### High School

**New Haven** Engineering & Science University Magnet School Roger Rushworth

3084 LS The Affect of Pseudomonas putida on the Biodegradation of Plastics

**Award** Student(s) **Lauren Low** Grade 9 Town Hamden

- Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion & Acrylic Award
- Environmental Sciences Awards with CACIWC --- 2nd Place HS- \$200, Plaque, CACIWC gifts, Trip to Compete GENIUS Olympiad, Oswego, NY
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- University of Connecticut - Physics Department --- UCONN Early College Experience Program: Life Sciences - Co-Op \$100 Gift Certificate
- GENIUS Olympiad --- GGENIUS Olympiad Competition for HS student (s) and advisor

**Washington** The Gunnerly Steven Bailey

6034 PS Evaluating the Performance of a Model Solar Concentrating System Using Thermoelectric Generating Technology

**Award** Student(s) **Grace Herrick** Grade 9 Town Sandy Hook

- Dominion Nuclear Connecticut Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- People's United Bank Mathematics Awards - with ATOMIC --- 3rd Place High School - Plaque, \$200 from People's United Bank
- Barnes Aerospace Applied Technology Awards --- 2nd Place High School - \$300 and Plaque Medallion
- EnergizeCT/UI/eesmarts Alternative/Renewable Energy Awards --- 2nd Place High School - \$300 Cash and Plaque, Trip to Compete GENIUS Olympiad, Oswego, NY
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- Meyerand Young Woman Scientist Awards --- \$300 cash - High School, Physical Sciences
- GENIUS Olympiad --- GGENIUS Olympiad Competition for HS student (s) and advisor

**Greenwich** Greenwich High School Andrew Bramante

6040 PS Design of a Novel Photo-Sensitized Carbon-based Supercapacitor for Capture and Storage of Solar Energy

**Award** Student(s) **Peter Russell** Grade 11 Town Riverside

- Dominion Nuclear Connecticut Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- 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
- Yale Science & Engineering Association, Inc. --- Certificate, \$50 gift card to Amazon given by CSEF
- MIT Club of Hartford K-12 Initiative --- For excellence in science & technology of energy related research, high school, \$200 cash award
- David and Torrey Fenton Awards --- For creative work in the physical sciences- high school; \$200 cash
- Connecticut Invention Convention --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"



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**Greenwich** Greenwich High School Andrew Bramante

6074	PS	Creation of Tidal Power from Infiltrating Coastal Ground Water via a Novel Tidal Barrage System
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**Award**                      **Student(s)** Ethan Novek                      **Grade** 9                      **Town** Greenwich

- Dominion Nuclear Connecticut Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- Barnes Aerospace Applied Technology Awards --- 1st Place High School - \$500 and Plaque, Medallion
- EnergizeCT/UI/eesmarts Alternative/Renewable Energy Awards --- 1st Place High School - \$500 Cash and Plaque, Trip to Compete I-SWEEEP, Houston
- 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
- Connecticut Association of Physics Teachers --- \$100 Senior project
- Long Island Sound Foundation, Inc. --- \$500 Life Science/Environmental Science/Physical science
- Connecticut Invention Convention --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"

**Greenwich** Greenwich High School Andrew Bramante

6101	PS	A Filamentous Organic Solar Cell Based Piezoelectric Architecture for Powering Commercial and Biological Electronic Devices
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**Award**                      **Student(s)** Maxmillian Minichetti                      **Grade** 11                      **Town** Greenwich

- Dominion Nuclear Connecticut Physical Sciences Awards --- 5th Place- Physical Sciences Senior High Individual - Plaque
- EnergizeCT/UI/eesmarts Alternative/Renewable Energy Awards --- High School Finalist - Medallion
- EnergizeCT/CL&P/eesmarts Future Sustainability Awards --- High School Finalist - Medallion and Acrylic Award
- 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
- IEEE, Connecticut Section --- \$250 Honors Award -Senior
- Arthur Mensing Award --- \$1000 cash award for excellence in the physical sciences
- Connecticut Invention Convention --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"