



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

Barnes Aerospace Applied Technology Awards

Award Legend

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

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

Middle School

Branford CT Experiential Learning Center (CELC) Melinda Alcosser

4039 PT BullyCheck - Designing Anti-Bullying Software

Award 1 **Student(s)** Sue Hemingway **Grade 8** **Town** Branford
 Sophie Burdick **Grade 7** **Town** Deep River

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 2nd Place- Physical Sciences MS Team- \$100 each & trophy, invite to compete Broadcom MASTERS
- * Barnes Aerospace Applied Technology Awards --- 1st Place Middle School - \$300 and Trophy, Medallion
- * **The Karen J. Howell Middle School Award for "Learning and Serving"**
 --- The Karen J. Howell Middle School Award for "Learning and Serving" - \$1000 Physical Science

Bethany Amity Reg Middle School, Bethany Campus Mr. Berean

5567 P8 The Hand-Writer Helper

Award 2 **Student(s)** Michael Baitch **Grade 8** **Town** Woodbridge

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 3rd Place- Physical Sciences 8th Grade Ind, - \$100 & trophy, invite to compete Broadcom MASTERS
- * Barnes Aerospace Applied Technology Awards --- 2nd Place Middle School - \$200 and Trophy, Medallion
- * Talcott Mountain Science Center --- Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Phys Science
- * Lunch with a Patent Attorney --- Lunch with a Patent Attorney
- * Jon Stone Memorial Award --- \$150 cash for Innovative Engineering
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"
- * John S. Kendall Memorial Awards --- \$300 John S. Kendall Award for Excellence In Mechanical Engineering - Middle School

Bethany Amity Reg Middle School, Bethany Campus Mr. Berean

4001 PT Emergency Oil Spill Robot

Award 3 **Student(s)** Victor You **Grade 8** **Town** Woodbridge
 Benjamin Goldstein **Grade 8** **Town** Woodbridge
 Ryan Kelley **Grade 8** **Town** Woodbridge

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Science sJr Team - CSF Medallion & Acrylic Award
- * Barnes Aerospace Applied Technology Awards --- 3rd Place Middle School - \$100 and Trophy, Medallion
- * National Oceanic and Atmospheric Administration --- Certificate and medallion, and \$50 gift card to Amazon given by CSEF



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Bethany Amity Reg Middle School, Bethany Campus Mr. Berean
 4009 PT The TempBot
Award m **Student(s)** Ana Boccanfuso **Grade 8** **Town** Woodbridge
 Saunder Saffran **Grade 8** **Town** Bethany

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 1st Place- Physical Sciences MS Team- \$100 each & trophy, invite to compete Broadcom MASTERS
- * Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- * Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award
- * United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSEF
- * IEEE, Connecticut Section --- \$100 Honorable Mention

North Haven North Haven Middle School Susan Jasinski
 2033 L7 Developing a low-cost Green Algae Photobioreactor
Award m **Student(s)** Luke Barrett **Grade 7** **Town** North Haven

- * Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion & Acrylic Award
- * American Meteorological Society --- Certificate & \$50 Amazon gift card given by CSEF
- * Connecticut Invention Convention "Next Step Inventors" --- \$50 gift certificate & invitation to present at CT Invention Convention as "CIC Next Step Inventors"

Orange Amity Reg Middle School, Orange Campus Mr. Foley/Dahn
 5504 P8 Non-Newtonian Fluid Headgear to Prevent or Reduce Concussions
Award m **Student(s)** Henry Westgard **Grade 8** **Town** Orange

- * Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- * Alexion Biotechnology Awards --- 3rd Place- Biotechnology 8th grade- \$200 & trophy and Invitation Compete in Broadcom MASTERS
- * American Society of Safety Engineers, CT Valley Chapter --- \$100 grade 7-8 project



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High School

Fairfield Fairfield College Preparatory School Deborah Kiel

6052 PS Application of Computer Vision in Pupil and Eye Center Tracking

Award 1 Student(s) Hanson Mo Grade 11 Town Fairfield

- * People's United Bank Mathematics Awards - with ATOMIC --- 1st Place High School- \$150 from ATOMIC, Plaque, \$500 from People's United Bank
- * Barnes Aerospace Applied Technology Awards --- 1st Place High School - \$500 and Plaque, Medallion
- * Xerox Computer Science Awards --- 1st Place High School - \$400, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate
- * IEEE, Connecticut Section --- \$250 Honors Award -Senior
- * Skills21 at EDUCATION CONNECTION --- \$100 For innovative use of technology to advance science or engineering
- * Zepke Award --- \$200 - For the Best Use of Electronic Circuitry
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Mathematics
- * Maplesoft Awards for Applied Mathematics and Modeling --- Maple software - For Excellence in Mathematics

Middlebury Westover School Ben Hildebrand

6009 PS The Pick Me Up Stander Walker: Designing A Device to Assist with Sit to Stand Transfers and Ambulation

Award 2 Student(s) Caleigh Waskowicz Grade 12 Town Southington

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 3rd Place- Physical Sciences Senior High Individual - \$200 & Plaque
- * Barnes Aerospace Applied Technology Awards --- 2nd Place High School - \$300 and Plaque Medallion
- * UTC Aerospace Systems Awards for Excellence in Engineering --- \$1,000 cash and plaque for excellence in engineering
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Engineering: Mechanical

Trumbull Christian Heritage School Daniel Cote

6047 PS Self-regulated LED Dimming System for Reduction of Eyestrain and Energy Consuming

Award 3 Student(s) Xuezheng Wu Grade 11 Town Orange

- * Barnes Aerospace Applied Technology Awards --- 3rd Place High School - \$ 200 and Plaque, Medallion
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Engineering: Electrical

Greenwich Brunswick School Dana Montanez

6511 PST Soil Remediation: Removing Contaminants by Means of Thermal Desorption Followed by Remineralization Through Addition of Organic Material

Award m Student(s) Andrew Mellert Grade 11 Town Greenwich
 William Gorman Grade 11 Town Bedford

- * Barnes Aerospace Applied Technology Awards --- Senior High Finalist - Medallion and acrylic award
- * Energize CT/eesmarts Future Sustainability Awards --- 3rd Place High School - \$300 Cash and Trophy



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Greenwich Brunswick School Dana Montanez
 6529 PST The Future of the Prosthetic Limb: Sacrificing Visual Aesthetics and Individualized Movement to Yield Greater Strength and Utility

Award m **Student(s)** Matt Restieri **Grade** 10 **Town** Riverside
 Chris Burdick **Grade** 10 **Town** Riverside
 Greyson Wolfram **Grade** 10 **Town** Riverside

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Sciences Senior Team - CSF Medallion & Acrylic Award
- * Barnes Aerospace Applied Technology Awards --- Senior High Finalist - Medallion and acrylic award

Trumbull Christian Heritage School Daniel Cote
 6056 PS Object Detection for Autonomous Drone Navigation

Award m **Student(s)** Hannah Shipman **Grade** 11 **Town** Trumbull

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- * Barnes Aerospace Applied Technology Awards --- Senior High Finalist - Medallion and acrylic award
- * Skills21 at EDUCATION CONNECTION --- \$100 For innovative use of technology to advance science or engineering