



# Connecticut Science & Engineering Fair

## Quinnipiac University

March 9 - 14, 2020

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

### Final Judging Results

## Computer Science Awards

#### Award Legend

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

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

### Middle School

5508 P8 The Pathfinder: a mobile navigation system to enable people to safely and quickly evacuate large complex buildings.  
Award 1 Student(s) Jasper Southam Grade 8 Town Shelton

- \* Applied Technology Awards --- 1st Place Middle School - \$300 and Trophy, Medallion
- \* Computer Science Awards --- 1st Place Middle School - \$300, Trophy

5027 P7 Communicaider App  
Award 2 Student(s) Evan Poole Grade 7 Town Farmington

- \* Applied Technology Awards --- 3rd Place Middle School - \$100 and Trophy, Medallion
- \* Computer Science Awards --- 2nd Place Middle School - \$200, Trophy
- \* Connecticut Academy of Audiology --- \$200 Award MS- For Excellence in Audiology and Acoustics, oport. to shadow an audiologist

2512 L8 A Heart Rate Monitor to Predict Autistic Meltdowns  
Award 3 Student(s) Junting Wang Grade 8 Town Washingtín Depot

- \* PepsiCo / Pfizer Life Sciences Awards --- 5th Place- Life Sciences 8th grade- trophy
- \* Computer Science Awards --- 3rd Place Middle School- \$100, Trophy
- \* Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion
- \* IEEE, Connecticut Section --- \$100 Honorable Mention
- \* Robotics And Beyond --- Middle School- For excellence in engineering design; \$200 toward Robotics And Beyond STEM and Design summer camp, \$50 cash if cannot attend camp. Certificate.

### High School

6039 PS Odachi Retrosynthesis Engine: Predicting Organic Retrosynthesis with Graph Convolutional Deep Learning  
Award 1 Student(s) Rushil Mallarapu Grade 11 Town Southport

- \* Computer Science Awards --- 1st Place High School - \$400, Plaque

6084 PS RandGAN: Testing the Limits of Small Neural Networks  
Award 2 Student(s) Aresh Pourkavoos Grade 11 Town Avon

- \* Mathematics Awards - with ATOMIC --- 2nd Place High School- \$100 from ATOMIC, Plaque, \$300 from People's United Bank
- \* Applied Technology Awards --- Senior High Finalist - Medallion
- \* Computer Science Awards --- 2nd Place High School - \$300, Plaque
- \* Mu Alpha Theta --- Certificate, \$25 gift card given by CSEF



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6048	PS	Augmented Reality Chemistry
<b>Award</b>	<b>3</b>	<b>Student(s) Ethan Feldman</b>
		<b>Grade 12 Town Milford</b>

- \* Computer Science Awards --- 3rd Place High School- \$200, Plaque
- \* United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report

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6026	PS	Decoding Algorithms for Correction of X-Z and Spatially Correlated Errors in Topological Quantum Computing
<b>Award</b>	<b>m</b>	<b>Student(s) Sam Florin</b>
		<b>Grade 11 Town Greenwich</b>

- \* Computer Science Awards --- Senior High Finalist - Medallion
- \* United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report
- \* University of Connecticut - Early College Experience --- UCONN Early College Experience Program: Physical Sciences - Co-Op \$100 Gift Certificat