



Connecticut Science & Engineering Fair

Quinnipiac University

March 2 - 14, 2026

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

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

Urban School Challenge Awards

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

Middle School

New Haven Engineering and Science University Magnet Alyssa Anderson

5008 P7 BiteSight: Development of a Mobile Deep Learning Application for Bug Bite Identification

Award 1 Student(s) Cayden Joseph Grade 7 Town West Haven

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 2nd Place- Physical Sciences 7th Grade Ind. - \$150 & trophy
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 1st Place Middle School - \$200 and Trophy, Medallion
- * Infosys Foundation Computer Science Awards --- 2nd Place Middle School - \$150, 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 Meeting
- * Alexion Biotechnology Awards --- 2nd Place Biotechnology 7th grade - \$200 & trophy
- * Talcott Mountain Science Center & Academy --- TMSC Founder's Award - Middle School Physical Science - Scholarship to one Summer or Saturday Program at TMSC - Value \$650
- * The Bob Erickson Memorial Innovation Awards --- \$150 Cash Award-- Clear Execution of Research- 7th Grade

Danbury Westside Middle School Academy Nancy Barlow

4017 PT The Effect of Phone Case Materials on EMF Radiation from an iPhone Under Various Scenarios.

Award 2 Student(s) Gowtham Vallinayagam Grade 8 Town Danbury
 Edward Sola Grade 8 Town Danbury
 Rafael Barreto Grade 8 Town Danbury

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 2nd Place- Physical Sciences MS Team- \$100 (split) & trophies
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 2nd Place Middle School - \$150 and Trophy, Medallion
- * American Society of Safety Professionals, CT Valley Chapter --- \$150 grade 7-8 project
- * The Community Foundation for Greater New Haven's Milton Fisher Awards for Innovation and Creativity --- For Excellence in Creativity and Innovation by a Middle School student, \$100 cash

Danbury Westside Middle School Academy Nancy Barlow

4009 PT What is the Affect of Wing Design on the Speed a Model Plane Flies?

Award 3 Student(s) Shihan Lin Grade 8 Town Danbury
 Isabella Amenta Grade 8 Town Danbury
 Ally Kay Grade 8 Town Danbury

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 3rd Place- Physical Sciences MS Team- trophies
- * Connecticut Science Fair Association Mathematics Awards --- Middle School Finalist - Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 3rd Place Middle School - \$100 and Trophy, Medallion
- * Pepsico Engineering Awards --- 1st Place- Engineering Middle School- \$200 & trophy
- * Robert Francoeur Memorial Awards --- Creative or innovative project in engineering, computer science or mathematics by female students - \$100



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Danbury Westside Middle School Academy Nancy Barlow

1001 LT The Effect of Different Music Genres on Time it Takes Ants to Travel

Award 4 **Student(s)** Zahir Guaman **Grade** 8 **Town** Danbury
 Jhon Ramirez **Grade** 8 **Town** Danbury
 Frandell Olea **Grade** 8 **Town** Danbury

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences Middle School Team - CSF Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 4th Place Middle School - Trophy, Medallion
- * Stanley Black & Decker Applied Technology Awards --- Middle School Finalist - Medallion

Danbury Westside Middle School Academy Nancy Barlow

4005 PT Can You Detect Muons and Cosmic Rays Using Household Materials? How do Coronal Mass Ejections affect the number of muons and cosmic rays detected?

Award 5 **Student(s)** Sean O'Marra **Grade** 8 **Town** Danbury
 Alius Santiago-Stra **Grade** 8 **Town** Danbury

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences Jr Team - CSF Medallions
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 5th Place Middle School - Trophy, Medallion
- * Astronomical Society of Greater Hartford - The Charles Hammond for Excellence in Astronomy Award --- Junior Top Project-\$500, subscription to Sky and Telescope, ASGH membership and meeting invitation

Bridgeport Black Rock School Elizabeth Moran

5010 P7 Bridge Weight Bearing Capacity

Award m **Student(s)** Aiden Cote **Grade** 7 **Town** Bridgeport

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences 7th Grade - CSF Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion

Bridgeport John Winthrop School Srilakshmi Kongani

5520 P8 The War of Energy Efficiency

Award m **Student(s)** Anthony Gomes **Grade** 8 **Town** Bridgeport

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- 3rd Place Middle School - \$100 Cash and Trophy



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Bridgeport Multicultural Magnet School Corina Starn

4006 PT SMART CANE

Award m **Student(s)** Erick Aquino **Grade** 8 **Town** Bridgeport
 Dhavid Caetano **Grade** 8 **Town** Bridgeport

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences MS Team- \$200 (split) & trophies
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * American Society of Safety Professionals, CT Valley Chapter --- \$150 grade 7-8 project
- * Wisner Chairman's Award --- \$500 cash & plaque
- * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22

Danbury Westside Middle School Academy Nancy Barlow

4001 PT What desalinates water the most efficiently; Solar Distillation, Reverse Osmosis, and Boiling

Award m **Student(s)** Joseph Brocia **Grade** 7 **Town** Danbury, CT
 Colin Guidotti **Grade** 7 **Town** Danbury
 Brian Saltzman **Grade** 7 **Town** Danbury

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Future Sustainability Awards --- 3rd Place Middle School - \$100 Cash and Trophy
- * IEEE, Connecticut Section --- \$250 Honors Award -Junior

Danbury Westside Middle School Academy Nancy Barlow

1006 LT The Effect of Acid Rain on Plants Around the World

Award m **Student(s)** Brooke Cyphers **Grade** 7 **Town** Danbury
 Margo Anderson **Grade** 7 **Town** Danbury

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion
- * Alexion Biotechnology Awards --- 4th Place Biotechnology 7th grade - trophy

Danbury Westside Middle School Academy Nancy Barlow

1027 LT Keeping It Cool & Damp

Award m **Student(s)** Madison Rowe **Grade** 7 **Town** Danbury
 Sophia Fernandes **Grade** 7 **Town** Danbury
 Makayla Roxo **Grade** 7 **Town** Danbury

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion



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New Haven Worthington Hooker School Douglas Jones

6030 LT Natural Cleaners vs Chemical Cleaners

Award m **Student(s)** Paulina Borowski **Grade 8** **Town** New Haven
Camila Guerrero Diaz **Grade 8** **Town** New Haven

* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Middle School Finalist - Medallion

High School

New Haven Engineering and Science University Magnet Paula Matei-Grysiak

6007 PS Real-Time Adaptive Support for Dementia: An Integrated Multimodal Device for Spatial and Auditory Guidance

Award 1 **Student(s)** Ethan Joseph **Grade 11** **Town** West Haven

* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 1st Place High School - \$300 and Plaque, Medallion
* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
* H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering --- \$500 to 1st HS Urban School Challenge Science Department for Equipment/Supplies

New Haven Wilbur Cross High School John Lazzari

3140 LS Studying Compositionality in Multitasking Artificial Neural Networks for Motor Control

Award 2 **Student(s)** Julian Theodore **Grade 12** **Town** New Haven

* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 2nd Place High School - \$200, Plaque & \$1250 Stipend to Compete at Genius Olympiad

Manchester Manchester High School Stefanie Sebastiao-Kirby

3159 LS The Impact of Presentation Styles on Engagement in High School Math Classes

Award 3 **Student(s)** Shaelan Gara Grady **Grade 12** **Town** Manchester

* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 3rd Place High School - \$ 100 and Plaque, Medallion

Bridgeport IT & Software Engineering High School Ricki Chiem

6510 PST How Effectively Can AI Classify Waste?

Award 4 **Student(s)** Alan Brewster **Grade 10** **Town** Milford
Mikayla Larbi **Grade 10** **Town** Bridgeport
Brandon Granados Pastora **Grade 10** **Town** Bridgeport

* Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 2nd Place- Physical Sciences Senior High Team- \$200 (split) & Plaques
* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 4th Place High School - Plaque, Medallion
* The Community Foundation for Greater New Haven Ecology, Environmental, and Alternative Energy Research Prize --- Award for top environmental protection project from an urban public school (\$455)



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Bridgeport IT & Software Engineering High School Ricki Chiem

6094 PS Designing Metalloid bags to help reduce static buildup in powders

Award **5** Student(s) **Ayden Gamble** Grade 11 Town Bridgeport

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 5th Place High School - Plaque, Medallion
- * University of Hartford 4 Year Scholarship for Excellence in Engineering or Technology, Grade 11 only, \$30,000/year

Bridgeport Bridgeport Regional Aquaculture Center Kirk Shadle

6075 PS Solid-State Synthesis Using Metal Supported Biochar to Minimize Polycyclic Aromatic Hydrocarbon Impurities

Award **m** Student(s) **Austin Bell** Grade 12 Town Bridgeport

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences Senior High - CSF Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion

Bridgeport Fairchild Wheeler Biotech Tara Liskov

3515 LST Testing the Efficacy of Non-Toxic Substances on the Destruction of Lanternflies and Egg Masses

Award **m** Student(s) **Maxwell Egbuzie** Grade 12 Town Bridgeport
Sebastian Polanco Grade 12 Town Bridgeport

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High Team - CSF Medallion
- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- * Banning Family Life Science Award --- For excellence in invasive species research, \$100 cash

Bridgeport Fairchild Wheeler Biotech Marilyn Carolina

3036 LS Budgerigars' Behavioral Responses to Different Genres of Music

Award **m** Student(s) **Carolyn Fox** Grade 12 Town Bridgeport

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion
- * Institute of Food Technologists, Nutmeg Section --- \$75 award + invitation to Awards Night Dinner with guest

Manchester Manchester High School Wendy Turek

3524 LST Investigating Genetic Correlations Between Down Syndrome and Congenital Heart Defects Through Biostatistical Analysis to Develop a Predictive Model

Award **m** Student(s) **Grace Golas** Grade 12 Town Manchester
Aine Corbett-Cousins Grade 12 Town Manchester

- * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion



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New Haven Engineering and Science University Magnet Alyssa Anderson

6530 PST Gpu price to performance per game.

Award m

Student(s) Maceo Regan
 antonio roblero

Grade 9 Town Milford
 Grade 9 Town fair haven

* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion

Waterbury ACES Chase Academy Anne Pember

6022 PS Using chitin and chitin-based derivatives to remove and remediate nitrates.

Award m

Student(s) Kathryn Thibeault

Grade 9 Town Waterbury

* Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- Senior High Finalist - Medallion

* Arthur & Ruth Mensing Award --- Mensing Award Excellence in the High School Physical Sciences - \$500