



# 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

## Women in Science & Engineering Awards

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

### Middle School

**Greenwich** Western Middle School Andrew Bramante

5505 P8 Creating a Crab Trap That Uses Computer Vision To Detect and Capture the Invasive European Green Crab

**Award** 1 **Student(s)** Laila McQueen **Grade** 8 **Town** Greenwich

- \* Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences 8th Grade Ind.- \$200 & trophy
- \* Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- Middle School \$200 / trophy
- \* Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 2nd Place MS- \$150, Trophy
- \* Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- \* Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Physical Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- \* IEEE, Connecticut Section --- \$100 Honorable Mention
- \* National Center for Inquiry Learning --- Daniel & Maggie Award for Imagination - MS \$100
- \* Jon Stone Memorial Awards --- Jon Stone Award for Innovative Engineering- \$100
- \* Quinnipiac University 4 Year Scholarship in Engineering \$30,000 (\$7500/year)

**Greenwich** Central Middle School Andrew Bramante

2508 L8 Investigating the Inclusion of Hair Extracted Keratin Nanostructures for Increased Strength and Flexibility for the Construction of an Artificial Anterior Cruciate Ligament

**Award** 2 **Student(s)** Juliette Prezioso **Grade** 8 **Town** Greenwich

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 3rd Place- Life Sciences 8th grade- \$100 & trophy
- \* Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place- Middle School- \$150 / trophy
- \* Pfizer Computational Biology and Bioinformatics Awards --- 2nd Place Middle School - \$200, Trophy
- \* Pepsico Engineering Awards --- 2nd Place- Engineering MS- \$150 & trophy
- \* Alexion Biotechnology Awards --- 4th Place Biotechnology 8th grade- trophy

**Danbury** Westside Middle School Academy Nancy Barlow

1013 LT How can we use phytoremediation to extract different heavy metals out of soil?

**Award** 3 **Student(s)** Rhea Yadav **Grade** 8 **Town** Danbury  
 Aanya Popuri **Grade** 8 **Town** Danbury

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences Middle School Team - CSF Medallion
- \* Petit Family Foundation Women in Science & Engineering Awards --- 3rd Place- Middle Schools- \$100 / trophy
- \* Association for Women Geoscientists --- Certificate & \$25 gift card given by CSEF

**Greenwich** Sacred Heart Greenwich Mary Musolino

4007 PT Evaluating Biodegradable Plastics Made from Avocados, Bananas, and Mangos

**Award** m **Student(s)** Lauren Davidoff **Grade** 8 **Town** Pelham  
 Grace Nicholas **Grade** 8 **Town** Armonk

- \* Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion
- \* Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22



# 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

## Women in Science & Engineering Awards

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

**Greenwich** Western Middle School Andrew Bramante  
 5526 P8 Comparative analysis of CO2 Reduction by Common Houseplants Using an Arduino-Based Environmental Monitoring System

**Award** m **Student(s)** Victoria Shkabarnya **Grade 8** **Town** Greenwich, CT

- \* Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 2nd Place- Physical Sciences 8th Grade Ind. - \$150 & trophy
- \* Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion
- \* Pepsico Engineering Awards --- 3rd Place- Engineering MS \$100 & trophy
- \* IEEE, Connecticut Section --- \$100 Honorable Mention
- \* Robert Francoeur Memorial Awards --- Creative or innovative project in engineering, computer science or mathematics by female students - \$100
- \* Zepke Awards --- \$120 - For the Best Use of Electronic Circuitry- Middle School

**Shelton** Shelton Intermediate School Rebecca Manzer  
 1002 LT Impact of Varying Wavelengths of Light and Controlled Environmental Conditions on the Degredation of Vitamin C Potency in Fruits

**Award** m **Student(s)** Aria O'Connor **Grade 8** **Town** Shelton  
 Anna Campbell **Grade 8** **Town** Shelton

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 2nd Place- Life Sciences MS Team- \$100 each & trophy
- \* Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion

**Stonington** St. Michael School Anna Grossomanides  
 2007 L7 Sweet Science: How Sugars Fuel Yeast Vs. Humans

**Award** m **Student(s)** Audrina Chapman Roberts **Grade 7** **Town** westerly

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences 7th grade - CSF Medallion
- \* Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion

**Waterbury** ACES Chase Academy Anne Pember  
 5013 P7 Exploring Scent Movement and Diffusion

**Award** m **Student(s)** Ayanna Aybar **Grade 7** **Town** Waterbury

- \* Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion

## High School

**Windsor** The Loomis Chaffee School Fahmeed Sheehan  
 3019 LS Can Dead Bacteria Clean Up Our Gardens? Using EPS-Rich Biomass and Biochar to Lower Soil Lead Below 200 ppm

**Award** 1 **Student(s)** Li-An Ye **Grade 9** **Town** San Jose

- \* Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- High School \$300 / plaque
- \* Association for Women Geoscientists --- Certificate & \$25 gift card given by CSEF



# 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

## Women in Science & Engineering Awards

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

**Ridgefield** Ridgefield High School Ryan Gleason  
 3141 LS Prevalence of Pathogens in Asian Longhorn Ticks (Haemaphysalis Longicornis) in Bridgeport Connecticut  
**Award** 2 **Student(s)** Sara Hill **Grade** 12 **Town** Ridgefield

- \* Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place High School \$200 / plaque
- \* Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion
- \* American Society of Safety Professionals, CT Valley Chapter --- \$200 grade 9-12 project

**Westport** Staples High School Amy Parent  
 6025 PS Evaluation the Therapeutic Potential of Curcumin in Improving Motor Neuron Health in Spinal Muscular Atrophy  
**Award** 3 **Student(s)** Sofia DiLeo **Grade** 12 **Town** Westport

- \* Petit Family Foundation Women in Science & Engineering Awards --- 3rd Place- High School- \$100 / plaque
- \* University of Connecticut - Early College Experience --- UCONN Early College Experience Program: Life Sciences - \$100 Cash

**Bethel** Bethel High School Raymond Turek  
 6046 PS The Effect of Hydroxyapatite Concentration Within Dentistry Composite Resin on the Wear, Acidic Erosion, and Discoloration on a Synthetic Tooth.  
**Award** m **Student(s)** Amanda Almeida **Grade** 12 **Town** Bethel

- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion
- \* University of Connecticut - Early College Experience --- UCONN Early College Experience Program: Frontiers in Science - \$100 Cash

**Greenwich** Sacred Heart Greenwich Joyce Reed  
 3203 LS Hearing Loss's Correlation to Anxiety  
**Award** m **Student(s)** Haley Blackwell **Grade** 12 **Town** Rye

- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion
- \* The Community Foundation for Greater New Haven's Milton Fisher Awards for Innovation and Creativity --- For Excellence in Creativity and Innovation by a High School student, \$100 cash
- \* Connecticut Academy of Audiology Awards --- \$200 Award HS- For Excellence in Audiology and Acoustics, opport. to shadow an audiologist

**Hamden** Sacred Heart Academy Elizabeth Christophy  
 6502 PST Comparing  $\alpha$ -Pinene Emissions from Local Wood's Smoke Through Polarimetric Data  
**Award** m **Student(s)** Persephone Delaney Delaney **Grade** 10 **Town** Wallingford  
 Cathleen Coughlin **Grade** 10 **Town** North haven

- \* Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences Senior Team - CSF Medallion
- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion
- \* Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- HS Finalist - CSF Medallion



# 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

## Women in Science & Engineering Awards

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

**Montville** Saint Thomas More School Yajamana Ramu  
 3129 LS Towards Climate-Smart Agriculture: Decoding PP2C Gene Functions for Abiotic Stress Resilience in Maize  
**Award** m **Student(s)** Ami Rastogi **Grade** 11 **Town** Monroe Township

- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion
- \* Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion
- \* Stanley Black & Decker Applied Technology Awards --- Senior High Finalist - Medallion
- \* Marty Putnam Foundation Awards --- Top Project in Cell or Gene Therapy or Immunology, 2nd Place \$200

**Salisbury** The Hotchkiss School Jennifer Rinehart  
 3162 LS Iron Biofortification in Portulaca oleracea: A Comparative Analysis of Iron Accumulation and Bioavailability in Root, Stem, and Leaf Under Soil and Hydroponic Conditions.  
**Award** m **Student(s)** Chuyao (Yaoyao) Yuan **Grade** 11 **Town** Lakeville

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion

**Westport** Staples High School Amy Parent  
 3039 LS Effect of Coenzyme Q10 and Epigallocatechin Gallate on Alpha-Synuclein Aggregation in Caenorhabditis elegans to Treat Parkinson's Disease  
**Award** m **Student(s)** Leah Dombrow **Grade** 11 **Town** Westport

- \* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion

**Westport** Staples High School Amy Parent  
 3063 LS Can Your Diet Protect Against Microplastics? Discovering the Impact of Probiotic E. coli Strains on Microplastic-Induced Toxicity in C. elegans  
**Award** m **Student(s)** Sienna Schwartz **Grade** 11 **Town** Westport

- \* Petit Family Foundation Women in Science & Engineering Awards --- High School Finalist - Medallion