



Connecticut Science & Engineering Fair

Quinnipiac University

March 3 - 15, 2025

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

Thermo Fisher Junior Innovators Challenge

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

Bozrah Fields Memorial School Joshua fish
 1025 LT A study of the efficiency of ice melt substances and their environmental impact on roadside vegetation

Award 5 **Student(s)** Analise Williams **Grade 7** **Town** bozrah
 Ella Sikorski **Grade 7** **Town** Bozrah

- * 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 --- Middle School Finalist - Medallion
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- MS Finalist - CSF Medallion
- * Alexion Biotechnology Awards --- 5th Place Biotechnology 7th grade - trophy
- * Association for Women Geoscientists --- Certificate & \$25 gift card given by CSEF
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * American Society of Safety Professionals, CT Valley Chapter --- \$150 grade 7-8 project
- * Alumni Botany Awards --- Alumni Middle School Botany Award- \$100 Cash

Danbury Saint Gregory the Great School Christine Fahey
 2001 L7 Would You Like Plastic With That?

Award 1 **Student(s)** Rahil Shah **Grade 7** **Town** Danbury

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 1st Place- Life Sciences 7th grade- \$200 & trophy
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * Yale Peabody Museum --- In-person Behind the Scenes Tour of the Museum plus guardian. Winner must be >12 years old.

Danbury Westside Middle School Academy Nancy Barlow
 4028 PT The Effect of Different Salts in a Water Softener on Calcium in Drinking Water

Award 2 **Student(s)** Siddanth Ramakrishnan **Grade 8** **Town** Danbury
 Patrick Madden **Grade 8** **Town** Danbury
 Thomas Smith **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
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners



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Danbury Westside Middle School Academy Nancy Barlow
5528 P8 The Benefit of A Coded Device To Water Plants Automatically

Award 1 **Student(s)** Mackenzie Cooper **Grade** 8 **Town** Danbury

- * Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place- Middle School- \$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
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * GENIUS Olympiad --- GENIUS Olympiad Competition for Highest Placing USC 8th grade Project

Greenwich Central Middle School Andrew Bramante
2505 L8 Development of a Thyme Oil-in-Hydromed Wearable Anklet for the Natural, Effective Repellant of Ticks

Award 1 **Student(s)** Clara Cahill **Grade** 8 **Town** Greenwich

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 2nd Place- Life Sciences 8th grade- \$150 & trophy
- * Alexion Biotechnology Awards --- 1st Place Biotechnology 8th grade - \$200 & trophy
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * J.A. Augustine and H. Glista Awards --- \$100 for excellence in Life Sciences

Greenwich Eastern Middle School Andrew Bramante
2506 L8 Fabrication of a Biodegradable, Nutrient-Rich, Orange Peel-Loaded Hydrogel for Thermally-Programmed Release of Water to Maintain Soil Moisture

Award 1 **Student(s)** Rajsi Choudhary **Grade** 8 **Town** Greenwich

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 1st Place- Life Sciences 8th grade- \$200 & trophy
- * Connecticut Association of Conservation and Inland Wetlands Commissions Environmental Sciences Awards --- 1st Place MS - \$200, Trophy
- * Pepsico Engineering Awards --- 2nd Place- Engineering MS- \$150 & trophy
- * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7500 per year) to Quinnipiac U. - MS Student in Engineering
- * Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Life Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- * Alexion Biotechnology Awards --- 3rd Place Biotechnology 8th grade - \$100 & trophy
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners



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Greenwich Eastern Middle School Andrew Bramante

5511 P8 Field and Lawn Run-off Removal of Nitrates and Phosphates via an Iron & Calcium Fortified Biochar

Award 1 **Student(s)** Ellie Mao **Grade** 8 **Town** Riverside

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences 8th Grade Ind.- \$200 & trophy
- * Stanley Black & Decker Applied Technology Awards --- Middle School Finalist - Medallion
- * Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Physical Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- * Alexion Biotechnology Awards --- 5th Place Biotechnology 8th grade- trophy
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners

Greenwich Sacred Heart Greenwich Mary Musolino

4001 PT Testing the Strength and Biodegradability of Watermelon Rind and Banana Peel-Based Bioplastics

Award 1 **Student(s)** Stephanie Galvez **Grade** 8 **Town** Greenwich
 Bonnie Ukperaj **Grade** 8 **Town** Stamford
 Mia Cartagena **Grade** 8 **Town** Stamford

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences MS Team- \$200 (split) & trophies
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners

Westport Greens Farms Academy Mathieu Freeman

5523 P8 Investigating Modified Dental X-Rays in Novel Digital Computed Radiography Imaging for Emergency Medical Services

Award 1 **Student(s)** Dylan Karpf **Grade** 8 **Town** Westport

- * Stanley Black & Decker Applied Technology Awards --- 1st Place Middle School - \$200 and Plaque, Medallion
- * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * Lemelson Early Inventor Award --- Certificate & \$100 cash award from Lemelson Foundation
- * IEEE William R. Wessman Awards --- \$100 Honorable Mention



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Wilton Middlebrook School Janica Bagosy
 1026 LT Ocean Acidification and Its on Plant Growth

Award 1 **Student(s)** Alex Shiue **Grade 8** **Town** Wilton
 Kabir Rokkam **Grade 8** **Town** Wilton

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 1st Place- Life Sciences MS Team- \$200 (split) & trophies
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners

Wilton Middlebrook School Leah Pariso
 5013 P7 Cell Shield: Investigating Materials to Block Non-ionizing Radiofrequency Radiation from Common Cell Phone Use

Award 1 **Student(s)** Bennett Norful **Grade 7** **Town** WILTON

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences 7th Grade Ind. - \$200 & trophy
- * Alexion Biotechnology Awards --- 3rd Place Biotechnology 7th grade - \$100 & trophy
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * American Society of Safety Professionals, CT Valley Chapter --- \$150 grade 7-8 project
- * Electric Boat Management Association Science and Engineering Research Awards --- Top Prize in Nuclear Energy - \$200 Cash for top project that has innovative nuclear applications
- * Kiev Family Awards --- 3rd place - \$100 - For Excellence in Engineering Middle School

Wilton Middlebrook School Debbie Mallozzi
 5507 P8 Bus Notification System with Raspberry Pi

Award 1 **Student(s)** Vidit Prabhu **Grade 8** **Town** Wilton

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 2nd Place- Physical Sciences 8th Grade Ind. - \$150 & trophy
- * Infosys Foundation Computer Science Awards --- 1st Place Middle School - \$200, Trophy
- * Pepsico Engineering Awards --- 1st Place- Engineering Middle School- \$200 & trophy
- * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7500 per year) to Quinnipiac U. - MS Student in Computing
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * IEEE William R. Wessman Awards --- \$100 Honorable Mention
- * Society of Women Engineers - Hartford Section --- Scientific Calculator
- * National Center for Inquiry Learning --- Daniel & Maggie Award for Imagination - MS \$100