



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

Computer Science Awards

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

Middle School

Greenwich Eastern Middle School Andrew Bramante

2517 L8 A Web-Based Detection Tool for Medical Conditions Effecting the Eye: Integrating Multiple Trained CNNs for Accessible Smartphone Screening

Award 1 **Student(s)** Ares Bandebo-Cambra **Grade** 8 **Town** Old Greenwich

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences 8th grade - CSF Medallion
- * Infosys Foundation Computer Science Awards --- 1st Place Middle School - \$200, Trophy
- * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7500 per year) to Quinnipiac Univ - MS Student in Computing
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion

New Haven Engineering and Science University Magnet Alyssa Anderson

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

Award 2 **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, Trophy, Medallion, invitation to compete in Thermo Fisher Scientific Junior Innovator's Challenge & Scholarship to Project Oceanology's Ocean Camp (\$955)
- * 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 - \$150 & 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

Wilton Middlebrook School Janica Bagosy

5525 P8 Smart Plant Care: Using Automation and AI

Award 3 **Student(s)** Pratap Sharma **Grade** 8 **Town** Wilton

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 3rd Place- Physical Sciences 8th Grade Ind, - \$100 & trophy
- * Stanley Black & Decker Applied Technology Awards --- 3rd Place Middle School - \$100 and Plaque, Medallion
- * Infosys Foundation Computer Science Awards --- 3rd Place Middle School- \$100, Trophy
- * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$25 gift card given by ONR

Avon Talcott Mountain Science Center Kenneth Wright

2504 L8 A Cognitive Analysis of Social Media Engagement and Multitasking Behaviors in Adult Attention and Focus Endurance

Award m **Student(s)** Dean Raptis **Grade** 8 **Town** West Hartford

- * Infosys Foundation Computer Science Awards --- Middle School Finalist - Medallion



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Greenwich Eastern Middle School Andrew Bramante
 5515 P8 Computer Simulation for School Traffic Optimization

Award m **Student(s)** Ivyn Chen **Grade** 8 **Town** Greenwich

- * Stanley Black & Decker Applied Technology Awards --- Middle School Finalist - Medallion
- * Infosys Foundation Computer Science Awards --- Middle School Finalist - Medallion
- * Anonymous Friends of the Fair Family Awards --- 2nd place - \$150 - For Excellence in Engineering Middle School

Greenwich Eastern Middle School Andrew Bramante
 2509 L8 Machine Learning-Based Analysis of Smartphone Behavioral Data for Detection of Depression in High School and College Students

Award m **Student(s)** Srihari Mysore **Grade** 8 **Town** Cos Cob

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Sciences 8th grade - CSF Medallion
- * Stanley Black & Decker Applied Technology Awards --- Middle School Finalist - Medallion
- * Infosys Foundation Computer Science Awards --- Middle School Finalist - Medallion

New Haven Hopkins School Leilei Shinohara
 5521 P8 Optical Fire Detection using Computer Vision

Award m **Student(s)** Maki Lawrence Shinohara **Grade** 8 **Town** New Haven

- * Infosys Foundation Computer Science Awards --- Middle School Finalist - Medallion
- * American Society of Safety Professionals, CT Valley Chapter --- \$150 grade 7-8 project
- * Jon Stone Memorial Awards --- Jon Stone Award for Innovative Engineering- \$100

High School

Windsor The Loomis Chaffee School Fahmeed Sheehan
 6027 PS Continual Learning with Elastic Weight Consolidation for Human Tree Person Test Frameworks

Award 2 **Student(s)** Ria Sunwoo An **Grade** 11 **Town** Windsor

- * Infosys Foundation Computer Science Awards --- 2nd Place High School - \$200, Plaque
- * J.A. Augustine and H. Glista Awards --- \$100 H. Glista Award for Physical Sciences

Weston Weston High School Stacey Greenberg
 6507 PST Prometheus: Discovering Novel Quantum Critical Phenomena in Disordered Systems Using Unsupervised Deep Learning

Award 3 **Student(s)** Brandon Yee **Grade** 12 **Town** Weston
 Maximilian Rutkowski **Grade** 12 **Town** Weston
 Wilson Collins **Grade** 12 **Town** Weston

- * Infosys Foundation Computer Science Awards --- 3rd Place High School- \$100, Plaque



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Avon Avon High School John Salerni

3172 LS Integrating Copy Number Alterations and Transcriptomics with Machine Learning Improves Survival Prediction in HPV-negative Head and Neck Cancer

Award m **Student(s)** Vishnu Mukku **Grade** 11 **Town** Avon

* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion

Avon Avon High School John Salerni

6103 PS Adaptive Machine Learning-Driven Waste Management System

Award m **Student(s)** Karthikeyen Suresh Nagan **Grade** 10 **Town** Avon

* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion

Bethel Bethel High School Ray Turek

6003 PS Fleet for Localized Atmospheric Research and Environmental Surveillance (FLARES): Autonomous drones and machine learning working for a cleaner environment.

Award m **Student(s)** Toshan Bhattacharya **Grade** 11 **Town** Bethel

- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
- * University of New Haven Scholarship Awards --- \$120,000, 4 year scholarship (\$30,000 per year) to University of New Haven for exemplary 11th grade project
- * Air and Waste Management Association, Connecticut Chapter --- \$100 Senior, Environmental Research, air pollution related

Cheshire Cheshire High School Julie Barker

6030 PS Towards Faster Materials Simulation: GPU-Optimized Neural Networks for Interatomic Potentials

Award m **Student(s)** Raine Ma **Grade** 11 **Town** Cheshire

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 3rd Place- Physical Sciences Senior High Individual - \$100 & Plaque
- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
- * Pepsico Engineering Awards --- 3rd Place- Engineering Senior High- \$100 & plaque
- * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7500 per year) to Quinnipiac Univ - HS Student in Computing
- * Anonymous Friends of the Fair Family Awards --- 1st place - \$250 - For Excellence in Engineering High School

East Lyme East Lyme High School Jian Li

3006 LS Multimodal Deep Learning for BI-RADS Classification Prediction Using Breast Ultrasound and Patient Clinical Data

Award m **Student(s)** Danlu Li **Grade** 10 **Town** East Lyme

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion



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Greenwich Brunswick School Dana Montanez

6504 PST Teaching Artificial Intelligence to Detect Focal Seizures Accurately Using a Camera System.

Award m **Student(s)** Jude Evans **Grade** 10 **Town** Greenwich
 Collin McCreath **Grade** 10 **Town** Ryebrook

* Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- 1st Place- Physical Sciences Senior High Team- \$300 (split) & Plaques
 * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion

Greenwich Brunswick School Dana Montanez

6047 PS Applying Causal Inference Methodologies to a Large-scale Publicly Available Dataset to Assess Causality Between Nutrient Deficiencies and ADHD Diagnoses

Award m **Student(s)** Sohan Javeri **Grade** 10 **Town** Greenwich

* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion

Greenwich Greenwich High School Andrew Bramante

6060 PS Bridging the Sim-to-Real Gap in Autonomous Drone Control via Curriculum-Scheduled Domain Randomization

Award m **Student(s)** Henry Jin **Grade** 12 **Town** Greenwich

* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion

Kent Kent School Michael Green

3058 LS MelodyMemo: A Novel Emotion-Aware Memory-Music Modeling and Recommendation System for Older Adults

Award m **Student(s)** Newton Niu **Grade** 11 **Town** Stamford

* Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
 * Bushnell Center for Performing Arts --- Pair of Tickets to & Juliet for top project that is behavioral or social sciences related

New Haven Engineering and Science University Magnet Alyssa Anderson

3038 LS Implementation and Validation of a Novel Machine-Learning Framework for Classifying Fossil Invertebrates Using Quantitative Morphological Trait Matrices

Award m **Student(s)** Sahithi Aliminate **Grade** 11 **Town** Milford

* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion
 * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
 * University of Hartford Scholarships --- University of Hartford 4 Year Scholarship for Excellence in Science or Math, Grade 11 only - \$120,000 (\$30,000/year)

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 m **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



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New Haven Hopkins School Phillip Stewart

6040 PS Arduino-Based Active Stabilization System for Model Rockets Using IMU Feedback and Servo-Driven Fins

Award **m** Student(s) **Aiden Gomez** Grade 10 Town Orange

- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
- * U.S. Air Force --- Certificate & USAF Merchandise Package

Westport Greens Farms Academy Mathieu Freeman

6109 PS Open Alert: A Novel Alert System For School Safety

Award **m** Student(s) **Benjamin Kiev** Grade 9 Town Westport

- * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino --- Finalist - Physical Sciences Senior High - CSF Medallion
- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
- * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion
- * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22

Wilton Wilton High School Matthew Hoyt

6087 PS Improving Space Weather Forecasting Through Multivariate Machine Learning Analysis for SPE (Solar Particle Event) Prediction.

Award **m** Student(s) **Ishanvi Jaiswal** Grade 11 Town Wilton

- * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion
- * Astronomical Society of Greater Hartford - The Charles Hammond for Excellence in Astronomy Award --- Senior Honorable Mention Project-\$500, subscription to Sky and Telescope, ASGH membership and meeting invitation