



# Connecticut Science & Engineering Fair

## Quinnipiac University

March 4 - 16, 2024

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

## H. Joseph Gerber Medal of Excellence

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

### High School

**Stamford** Academy of Information Technology and Joshua Bogard

3035 LS A Novel Machine Learning Model for Estrous Cycle Classification in Mice

Award m Student(s) Saachi Goyal Grade 11 Town Stamford

- \* Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion
- \* Pfizer Computational Biology and Bioinformatics Awards --- 2nd Place High School - \$300, Plaque
- \* The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards --- 1st Place High School - \$500 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

**Greenwich** Greenwich High School Andrew Bramante

3055 LS Development and In vitro Verification of a Polymersome for Blood-Brain Barrier Transport Through a Novel Machine Learning Model

Award 1 Student(s) Ashley Malkin Grade 11 Town Greenwich

- \* Life Science Awards with support from Boehringer Ingelheim --- 1st Place- Life Sciences Senior High- \$500 & Plaque
- \* Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion
- \* H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering --- Life Sciences Senior 1st HS- \$1,000, Solid Silver Medal of Excellence, Invite to CASE Annual Mtg
- \* Alexion Biotechnology Awards --- 4th Place Biotechnology Senior High - plaque

**Simsbury** Westminster School Suzanne Bailey

6043 PS Dual-Degree-of-Freedom Pneumatic Shoulder Rehabilitation Device Based on Flexible Materials

Award 1 Student(s) Meiyin Ren Grade 11 Town Simsbury

- \* Connecticut Science Fair Association Physical Science Awards --- 1st Place - Physical Sciences Senior High Individual - \$500 & Plaque
- \* H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering --- Physical Sciences 1st HS \$1,000, Solid Silver Medal of Excellence, Invite to CASE Annual Mtg
- \* Zepke Awards --- \$125 - For the Best Use of Electronic Circuitry- Senior High