



# Connecticut Science & Engineering Fair

## Quinnipiac University

March 8 - 20, 2021

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 presented by CASE with CCAT

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

## High School

3037 LS Rapid, Noninvasive, Fluorescence-Based Detection for Elevated Levels of Nitric Oxide in Exhaled Breath, As a Marker for Hazardous PM2.5 Exposure

Award 1 Student(s) **Ambika Grover** Grade 10 Town Riverside

- \* PepsiCo / Pfizer Life Sciences Awards --- 1st Place- Life Sciences Senior High- \$500 & Plaque
- \* Stanley Black & Decker Applied Technology 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 --- 1st Place- Biotechnology Senior High- \$500 & plaque
- \* Connecticut Science Supervisors Association --- \$125 for a high school project
- \* Susan Lessoff Award for Excellence In Chemistry --- Susan Lessoff Excellence In Chemistry Award -\$200 Cash and Plaque - High School
- \* Biophysical Society --- Biophysics Award- \$100
- \* Lunch with a Patent Attorney --- Lunch with a Patent Attorney

3052 LS The Social Interactions and Learning Abilities Between Dogfish, Observed Using Two Different Methods of Target Training.

Award 3 Student(s) **Clayton Nyiri** Grade 12 Town Fairfield

- \* PepsiCo / Pfizer Life Sciences Awards --- 3rd Place- Life Sciences Senior High- \$200 & Plaque
- \* CASE • The Jackson Laboratory Urban School Challenge Awards --- 1st Place High School - \$500 and Plaque, 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
- \* American Psychological Association --- Certificate, \$25 gift card given by CSEF

6058 PS Design of a MFe<sub>2</sub>O<sub>4</sub>/Bentonite/Graphite Coated Polyurethane Sponge for Economical and Eco-Friendly Oil Spill Recovery

Award 1 Student(s) **Autumn Kim** Grade 12 Town Greenwich

- \* Lockheed Martin Physical Sciences Awards --- 1st Place - Physical Sciences Senior High Individual - \$500 & Plaque
- \* Stanley Black & Decker Applied Technology Awards --- 3rd Place High School - \$ 200 and Plaque, Medallion
- \* Environmental Sciences Awards with CACIWC --- HS Finalist - CSF Medallion
- \* Future Sustainability Awards --- High School Finalist - Medallion
- \* 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
- \* Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift card given by ONR
- \* National Oceanic and Atmospheric Administration --- Certificate and \$25 gift card given by CSEFF
- \* The Goodwin-Niering Center for the Environment --- \$100 for "Excellence in Environmental Conservation Studies"