



# Connecticut Science & Engineering Fair

## Quinnipiac University

March 7 - 19, 2022

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

3009 LS Implementing Nontoxic Modified Magnetic Metal Oxide Nanoparticle Enhanced Biochar Filtration for the Efficient Removal of Emerging Contaminants in an Aqueous Solution

Award 2 Student(s) Snigtha Mohanraj Grade 9 Town Ansonia

- \* PepsiCo Life Sciences Awards --- 2nd Place- Life Sciences Senior High - \$300 & 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 Meteorological Society --- Certificate & \$25 gift card given by CSEF
- \* ASM Materials Education Foundation --- Certificate & \$25 gift card given by CSEF

3030 LS Design of a Novel, Dual-Functioning Tissue Plasminogen Activator and Anticoagulant Therapeutic for Rapid Ischemic Stroke Treatment

Award 1 Student(s) Ambika Grover Grade 11 Town Riverside

- \* PepsiCo Life Sciences Awards --- 1st Place- Life Sciences Senior High - \$500 & Plaque
- \* Collins Aerospace Engineering Awards --- 1st Place- Engineering Senior High- \$500 & Plaque
- \* 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 --- 2nd Place- Biotechnology Senior High - \$300 & Plaque
- \* U.S. Metric Association --- Certificate & \$25 gift card given by CSEF
- \* Society for In Vitro Biology --- Certificate and \$25 gift card given by CSEF

6082 PS Biomimetic Removal of Microspheres Water Contaminants, via Calcite-Infused, Coral-like Melamine Sponges

Award 1 Student(s) Naomi Park Grade 10 Town Riverside

- \* Lockheed Martin Physical Sciences Awards --- 1st Place - Physical Sciences Senior High Individual - \$500 & Plaque
- \* Environmental Sciences Awards with CACIWC --- HS Finalist - CSF Medallion
- \* Collins Aerospace Engineering Awards --- 2nd Place- Engineering Senior High- \$400 & 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
- \* Association for Women Geoscientists --- Certificate & \$25 gift card given by CSEF
- \* Stockholm Junior Water Prize --- Certificate, \$25 gift card by CSEF, possible advance to further competition
- \* National Oceanic and Atmospheric Administration --- Certificate and \$25 gift card given by CSEF
- \* Southeastern New England Marine Educators (SENEME) --- \$100 award and membership in SENEME - 1st Place Senior & T-Shirt