



Connecticut Science & Engineering Fair

Quinnipiac University

March 9 - 14, 2020

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
 Trophy Winners = 1, 2, ...
 Medalists = m
 Winners = w

Environmental Sciences Awards with CACIWC

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

Middle School

2007 L7 Effectiveness of the Organic Polymers for Removing Microplastic in an Aqueous Solution

Award 1 Student(s) Snigtha Mohanraj Grade 7 Town Ansonia

- * PepsiCo / Pfizer Life Sciences Awards --- 1st Place- Life Sciences 7th grade- \$200 & trophy and Invitation to Compete Broadcom MASTERS
- * CASE • The Jackson Laboratory Urban School Challenge Awards with IBM --- 1st Place Middle School - \$300 and Trophy, Medallion
- * Environmental Sciences Awards with CACIWC --- 1st Place MS - \$300, 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 --- 1st Place- Biotechnology 7th grade- \$300 & trophy and Invitation Compete in Broadcom MASTERS
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$25 gift card given by CSEF
- * Ricoh Americas Corporation --- Certificate, \$25 gift card given by CSEF
- * Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to Awards Night Dinner with guest
- * J.A. Augustine Award --- \$100 for excellence in biology
- * Urban School Challenge 1st Place Middle School Awards --- USC Highest Placing 7th grader- Project Oceanology's Ocean Camp
- * TurnKey Compliance Solutions Environmental Awards --- \$200 Cash Award Middle School- For excellence in environmental sciences
- * Broadcom MASTERS --- The Lemelson Early Inventor Prize

2501 L8 Concentration of Microplastics in Four Farmington River Locations

Award 2 Student(s) Lauren Marze Grade 8 Town Canton

- * PepsiCo / Pfizer Life Sciences Awards --- 1st Place- Life Sciences 8th grade- \$300 & trophy and Invite to Compete Broadcom MASTERS
- * Environmental Sciences Awards with CACIWC --- 2nd Place MS- \$200, Trophy
- * Connecticut Science Teachers Association's Marty Tafel Student Research Award --- Life Sciences 8th Grade - \$500 and invite to CSTA Award Banquet
- * Talcott Mountain Science Center & Academy --- Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Phys Science
- * Southeastern New England Marine Educators (SEMEME) --- \$100 award and membership in SEMEME - 1st Place Junior & T-Shirt

2018 L7 The Effects of Fertilizers on the Diversity and Density of Soil Microbes

Award 3 Student(s) Ruby Montanez Grade 7 Town Greenwich

- * PepsiCo / Pfizer Life Sciences Awards --- 2nd Place- Life Sciences 7th grade- \$100 & trophy and Invite to Compete Broadcom MASTERS
- * Environmental Sciences Awards with CACIWC --- 3rd Place MS- \$100, Trophy
- * Alexion Biotechnology Awards --- 4th Place- Biotechnology 7th grade- trophy and Invitation Compete in Broadcom MASTERS



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High School

3103 LS Improved Design and Field Verification of Varroa destructor Control with a Dual-function, Thymol-

Award 1 Student(s) Raina Jain Grade 12 Town Riverside

- * PepsiCo / Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion
- * Environmental Sciences Awards with CACIWC --- 1st Place HS- Plaque & \$800 Stipend to Compete at GENIUS Olympiad
- * Collins Aerospace Engineering Awards --- Finalist - Engineering High School - CSF Medallion
- * MTU Aero Engines North America, Inc. --- MTU Aero Engines Mechanical Engineering Innovative Concept Award - \$100
- * Jon Chapitis Memorial Award --- John Chapitis Spirit of Innovation Award - HS \$200
- * GENIUS Olympiad --- GENIUS Olympiad Competition for 1st Place HS Environmental Project

3069 LS Inter-Specific Competition Between Two Invasive Mosquito Species, Aedes aegypti and Aedes albopictus, over Multiple Generations

Award 2 Student(s) Jack Tajmajer Grade 12 Town Naugatuck

- * Environmental Sciences Awards with CACIWC --- 2nd Place HS- \$200, Plaque

3020 LS Metal Oxide Nanoparticle Suppression of Coffee Rust Using a Alternaria, Stomata-

Award 3 Student(s) Edgar Sosa Grade 11 Town Greenwich

- * PepsiCo / Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion
- * Environmental Sciences Awards with CACIWC --- 3rd Place HS- \$100, Plaque
- * Future Sustainability Awards --- 1st Place High School - Plaque & \$800 Stipend to Compete at GENIUS Olympiad
- * Society for In Vitro Biology --- Certificate and \$25 gift card given by CSEF
- * University of Hartford Scholarships --- University of Hartford Scholarship- For Excellence in Science or Mathematics \$27,000
- * GENIUS Olympiad --- GENIUS Olympiad Competition for 1st Place HS Future Sustainability

3030 LS Allelopathic Effects of Invasive Red Macroalga (Grateloupia turuturu) for the Mitigation of Harmful Algal Blooms

Award m Student(s) Lyle Given Grade 12 Town Fairfield

- * CASE • The Jackson Laboratory Urban School Challenge Awards with IBM --- 4th Place High School - Plaque, Medallion
- * Environmental Sciences Awards with CACIWC --- HS Finalist - CSF Medallion
- * Environmental / Energy Award- Urban Public School Award --- Environmental / Energy Award- Urban Public School Award - \$300