



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

Future Sustainability Awards

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

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

Middle School

2521 L8 Effects of Magnesium Chloride on Water Quality
 Award 1 Student(s) Aryan Pandalai Grade 8 Town Stamford

* CASE • The Jackson Laboratory Urban School Challenge Awards with IBM --- Middle School Finalist - Medallion
 * Future Sustainability Awards --- 1st Place Middle School - \$300 Cash and Trophy

4037 PT Utilizing Nanotechnology to Clean Up Oil Spills
 Award 2 Student(s) Adam Liu Grade 8 Town Woodbridge
 Alesandro Gopal Grade 8 Town Woodbridge

* Lockheed Martin Physical Sciences Awards --- 3rd Place- Physical Sciences MS Team- trophy, invite to compete Broadcom MASTERS
 * Future Sustainability Awards --- 2nd Place Middle School - \$200 Cash and Trophy
 * Collins Aerospace Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion

4012 PT Plastic vs. Plastic - Durability and Decomposition
 Award 3 Student(s) Julian Scharf Grade 8 Town Guilford
 Emma Higgins Grade 7 Town Wallingford

* Future Sustainability Awards --- 3rd Place Middle School - \$100 Cash and Trophy

4027 PT Repurposing Plastic Into A Tiny House
 Award m Student(s) Avyay Yarlagadda Grade 8 Town Guilford
 Natalia Brown Grade 8 Town North Haven

* Future Sustainability Awards --- Middle School Finalist - Medallion
 * Society of Women Engineers - Hartford Section --- Scientific Calculator

5017 P7 Crystal Current
 Award m Student(s) Arden Mauborgne Grade 7 Town Easton

* Future Sustainability Awards --- Middle School Finalist - Medallion



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High School

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

Award 1 **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

3063 LS Testing Natural and Synthetic Substances for Oil Spill Cleanup

Award 2 **Student(s)** Zoe Kassapidis **Grade** 12 **Town** Greenwich

- * Petit Family Foundation Women in Science & Engineering Awards --- 3rd Place- High School- \$150 / plaque
- * Future Sustainability Awards --- 2nd Place High School - \$300 Cash and Plaque
- * Stockholm Junior Water Prize --- Certificate, \$25 gift card by CSEF, possible advance to further competition

3045 LS Determining the Efficacy of Dexamethasone Infused Polypropylene Mesh to Prevent Post Surgical Abdominal Adhesion

Award 3 **Student(s)** Jordan Macdonald **Grade** 12 **Town** Milford

- * Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place High School \$250 / plaque
- * Future Sustainability Awards --- 3rd Place High School - \$200 Cash and Plaque
- * Meyerand Young Woman Scientist Awards --- \$300 cash - High School, Life Sciences

3018 LS Non-Invasive Augmentation of Modern Depression Phototherapy through Targeting

Award m **Student(s)** Charlie Decker **Grade** 11 **Town** Old Greenwich

- * PepsiCo / Pfizer Life Sciences Awards --- Finalist - Life Science Senior High - CSF Medallion
- * Future Sustainability Awards --- High School Finalist - Medallion
- * Otero Family Award --- The Otero Family Award; \$200 cash
- * University of Connecticut Academic Excellence Scholarship --- Academic Excellence Life Sciences scholarship - \$7,500/year, four academic years- (\$30,000 total)

3066 LS Creation of a Rapid, Non-Invasive Diagnosis for Specific Learning Disorders via Fixation Tracking in Gaze Interaction

Award m **Student(s)** Alexa Nakanishi **Grade** 10 **Town** Cos Cob

- * Future Sustainability Awards --- High School Finalist - Medallion