



Conn. Science & Engineering Fair

Quinnipiac University

March 3 - 15, 2025

Top Category Winners

High School Physical Sciences Team

George Kapp Brunswick School Greenwich
Max Lanson

Novel use of Beeswax as an Sustainable Medium to Improve the Efficiency and Scalability of Super-Hydrophobic Sponges in Cleaning up Oceanic Oil Spills

High School Physical Sciences

Cooper Taylor Greenwich Country Day School Greenwich

Optimizing Vertical Take-Off and Landing (VTOL) Aircraft Efficiency Through Propeller Design: Making Air Flight More Accessible, Affordable, and Sustainable

8th Grade Physical Sciences

Ellie Mao Eastern Middle School Greenwich

Field and Lawn Run-off Removal of Nitrates and Phosphates via an Iron & Calcium Fortified Biochar

7th Grade Physical Sciences

Bennett Norful Middlebrook School Wilton

Cell Shield: Investigating Materials to Block Non-ionizing Radiofrequency Radiation from Common Cell Phone Use

Middle School (Grades 7 & 8) Physical Sciences Team

Stephanie Galvez Sacred Heart Greenwich Greenwich

Bonnie Ukperaj

Mia Cartagena

Testing the Strength and Biodegradability of Watermelon Rind and Banana Peel-Based Bioplastics

High School Life Sciences Team

Jadon Subbu Avon Old Farms School Avon

Ahren Lehnhoff

Investigating Novel Adjuvant Therapies to Combat Tetracycline Efflux Pump Resistance in Escherichia Coli

High School Life Sciences

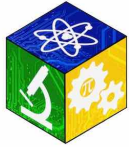
Srinidhi Karthik South Windsor High School South Windsor

Targeting Telomerase Activity in Malignant Cancer Cells: RNA Interference and Enzymatic Inhibition to Induce Growth Arrest, Senescence, and Block Metastatic Dissemination

8th Grade Life Sciences

Rajsi Choudhary Eastern Middle School Greenwich

Fabrication of a Biodegradable, Nutrient-Rich, Orange Peel-Loaded Hydrogel for Thermally-Programmed Release of Water to Maintain Soil Moisture



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7th Grade Life Sciences

Rahil Shah	Saint Gregory the Great School	Danbury
<i>Would You Like Plastic With That?</i>		

Middle School (Grades 7 & 8) Life Sciences Team

Alex Shiue	Middlebrook School	Wilton
Kabir Rokkam		
<i>Ocean Acidification and Its on Plant Growth</i>		
