



Conn. Science & Engineering Fair

Quinnipiac University

March 9 - 14, 2020

Top Category Winners

High School Physical Sciences Team

Trevor Brunette
Christopher Reed
Academy of Aerospace and Engineering Windsor
Cyber Attack Identification in the Electric Power Grid by Anomaly Detection

High School Physical Sciences

Abigail Slanski
Amity Regional High School Woodbridge
Using an Automated Coating System to Optimize Nitric Oxide Release Patterns of Antibacterial Catheters

8th Grade Physical Sciences

Jakob Zapanta
Greens Farms Academy Westport
Water Filter and Water Turbine

7th Grade Physical Sciences

Ariana Pourkavoos
Talcott Mountain Academy Avon
Dampening, Quantifying, and Recording Tremor

Middle School (Grades 7 & 8) Physical Sciences Team

Rawan Ibrahim
Vikram Haran
Academy of Aerospace and Engineering Windsor
Effect of Bamboo, plastic on the strength of concrete

High School Life Sciences Team

Veronica Pegkou Christofi
Rafaela Kottou
Farmington High School Farmington
Wavelet-Based Machine Learning Algorithms to Enhance Cardiovascular Disease Diagnosis

CSEF Life Sciences

Patricia Joseph
Engineering and Science University Magnet West Haven
Comparative Analysis of the Mitigation and Emissions Rates of Volatile-Organic Compounds in Various Ornamental Plants Using a Monitored Environment

8th Grade Life Sciences

Lauren Marze
Canton Middle School Canton
Concentration of Microplastics in Four Farmington River Locations

7th Grade Life Sciences

Snigtha Mohanraj
Engineering and Science University Magnet West Haven
Effectiveness of the Organic Polymers for Removing Microplastic in an Aqueous Solution



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Middle School (Grades 7 & 8) Life Sciences Team

Illeas Paschalidis

Middlebrook Middle School

Wilton

Shawn Gregory

Effects of Fertilizer on Algae Growth
