Conn. Science & Engineering Fair
Quinnipiac University
March 11 - 16, 2019

ISEF Winners

CSEF Physical Sciences

Cynthia Chen	Greenwich High School	Greenwich

A Green Nanotechnological Approach for Energy Efficiency and Conservation: Tungsten-doped Vanadium Dioxide Thermochromic Smart Windows

CSEF Physical Sciences Team

Sirina Prasad	Staples High School	Westport
Anisa Prasad		

Optimization of High-Efficiency Organic-Inorganic Lead Halide Perovskite Solar Cells via a Novel Polycaprolactone Additive Pathway

CSEF Life Sciences

Annika Morgan	Joel Barlow High School	Redding

The effect of Deuterium oxide (D2O) on the viability of Coliphage bacteriophages under Low temperatures as a model for stability in live attenuated viral vaccines

CSEF Life Sciences

Saira Munshani	Hopkins School	New Haven

Finding a therapy for Wolfram Syndrome: Exploring a calcium signaling pathway as a target for a disease without a cure.

Alexion Biotechnology

Melissa Woo	Greenwich High School	Greenwich

Rapid, Smartphone-Based Diagnosis of Skin Melanoma through Differences in Tumor Cell Thermal Regulation Combined with Diffuse Spectroscopic Analysis

Urban School Challenge

Cristian Rodriguez	Academy of Aerospace and Engineering	Windsor
Srikar Godilla		

Development of In-situ Fabrication Methods of Martian Construction Material

Engineering

Raina Jain	Greenwich High School	Greenwich

Control of Varroa Destructor Infestation with a Dual-function, Thymol-Emitting Honey Bee Hive