



Conn. Science & Engineering Fair

Quinnipiac University

March 12 - 17, 2018

ISEF Winners

CSEF Physical Sciences

Maya Geradi Wilbur Cross High School New Haven
Synthesis and Separation Of a Chiral Compound In Preparation Of a Positron Emission Tomography (PET) Radiotracer

Raina Jain Greenwich High School Greenwich
Magnetically-induced, Visual Detection of Trace Arsenic Contaminants in Water Using Fe₃O₄ Photonic Crystal Structures

CSEF Life Sciences

Emily Philippides Greenwich High School Greenwich
Controlled-Release Delivery of Ovarian Anticancer Paclitaxel via Vortex Ring, Donut-shaped Hydrogels

Hiba Hussain Greenwich High School Greenwich
Non-Invasive, Low Cost Diagnosis of Chronic Obstructive Pulmonary Disease (COPD) via Smartphone Breath Analysis

Alexion Biotechnology

Shobhita Sundaram Greenwich High School Greenwich
Detection of Early-Stage Alzheimer's Disease via Hierarchical Classification of Proteomic and Clinical Profiles

UTAS Engineering

Keshav Vedula Academy of Aerospace and Engineering Windsor
Undulated Leading-Edge Airfoils in Low to Medium Reynolds Number Regime

Urban School Challenge

Srikar Godilla Academy of Aerospace and Engineering Windsor
Cristian Rodriguez
Effect of Experimental Parameters on Forming Prince Rupert's Drops for Maximum Strength and Toughness.