Conn. Science & Engineering Fair
Quinnipiac University
March 6 - 18, 2023

Top Category Winners

High School Physical Sciences Team

Shriya Jonnalagadda — Brookfield High School — Brookfield
Diya Girish Kumar

ParkBD: A Novel Multi-Modal Deep Learning Framework for Biomarker Identification and Drug Repurposing in Parkinson's Disease

High School Physical Sciences

Jingyuan Zhang — Choate Rosemary Hall — Wallingford

A Self-Stabilizing Haptic Accessibility Mouse for Parkinson's Disease Sufferers

8th Grade Physical Sciences

Bridget Hadden — Central Middle School — Greenwich

Demonstrating the Persistence of Long Island Sound Polyaromatic Hydrocarbon (PAH) Contamination

7th Grade Physical Sciences

Andrew Daukas — ACES at Chase — Waterbury

Streaky Windows Experiment

Middle School (Grades 7 & 8) Physical Sciences Team

Kelci Keddo — High Horizons Magnet School — Bridgeport
Benardette Kudaisi

Horror of Waves

High School Life Sciences Team

Jack Degl — Brunswick School — Greenwich
Henry Johnson

The effects of cable bacteria on reducing methane production in microbial methanogen populations

High School Life Sciences

Yuriy Sandmeier — King School — Stamford

Knockdown of the essential 23S rRNA methyltransferase, rv3579c, increases the susceptibility of Mycobacterium tuberculosis to macrolides

8th Grade Life Sciences

Toshan Bhattacharya — Bethel Middle School — Bethel

D.E.R.M.A. (Dermatologic Equipment for Rapid Medical Analysis)

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Top Category Winners

7th Grade Life Sciences

Julianne Gonzalez	St. Mark School	Stratford

The Stroop Effect

Middle School (Grades 7 & 8) Life Sciences Team

Madeline Agrafojo	Chiaravalle Academy	Enfield
Anna Burnham		

Which plant is more efficient at reducing carbon dioxide from the air, through photosynthesis?