



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

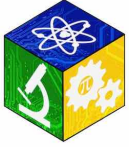
Jack Degl Brunswick School Greenwich
Henry Johnson
The effects of cable bacteria on reducing methane production in microbial methanogen populations

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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7th Grade Life Sciences

Julianne Gonzalez	St. Mark School	Stratford
<i>The Stroop Effect</i>		

Middle School (Grades 7 & 8) Life Sciences Team

Madeline Agrafojo	Chiaravalle Academy	Enfield
Anna Burnham		
<i>Which plant is more efficient at reducing carbon dioxide from the air, through photosynthesis?</i>		
