

Final Judging Results

Award Legend

Plaque Winners = 1, 2, ... Medalists = m Winners = w

Engineering Awards

[Teacher]

[SchTown] [School] [Proj#] [FCat] [Project Title]

Middle School

Description		
Award 1 Student(s) Rhea Doshi	Grade 8	Town Farmington
* Connecticut Science Fair Association Physical Science Awards 3rd Place- Physical Sciences 8th Grade Ind, - \$100		

- & trophy
- * Pepsico Engineering Awards --- 1st Place- Engineering Middle School- \$300 & trophy
- Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7,500 per year) to Quinnipiac University for MS
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * Society of Women Engineers Hartford Section --- Scientific Calculator
- * Jon Stone Memorial Award --- Jon Stone Award for Innovative Engineering- \$100

5504 P8 Developing and Quantifiying the Strength and Reliability of Soft Robotics Tubing Attachment Methods			
Award 2 Student	(s) Thomas Gerlach	Grade 8 Town Ellington	
* Connecticut trophy	Science Fair Association Physical Science Aw	rards 5th Place- Physical Sciences 8th Grade Ind.	-

- * Stanley Black & Decker Applied Technology Awards --- 3rd Place Middle School \$100 and Plaque, Medallion
- * Pepsico Engineering Awards --- 2nd Place- Engineering MS- \$200 & trophy
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$25 gift card given by CSEF
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * Otis Elevator Company --- MS Excellence Award \$250

Award 3 Student(s) Luke Machado	Grade 7	Town Hamden	
5010 P7 Disaster Resilient Architecture: Experiments of Tower Design and Construction	tion		

- * Pepsico Engineering Awards --- 3rd Place- Engineering MS \$100 & trophy
- * Society of Women Engineers Hartford Section --- Scientific Calculator
- * Otis Elevator Company --- MS Excellence Award \$250
- * Demos R Us Award --- \$150 Cash Award-- Clear Execution of Research- 7th Grade



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4003 PT Solar Powered Charger Student(s) Nilah DeJesus Town Bridgeport Grade 8 Award **Karina Conde** Grade 8 Town Bridgeport

- * Connecticut Science Fair Association Physical Science Awards --- Finalist Physical Sciences Jr Team CSF
- * EnergizeCT Alternative & Renewable Energy Awards --- 3rd Place Middle School \$100 Cash and Trophy
- * Pepsico Engineering Awards --- Finalist Engineering Middle School CSF Medallion
- * Constellation Energy --- 1st: \$100.00 Cash Grade 7 8: For Excellence in clean renewable / sustainable energy

5502 How Ice vs. No Ice Affects a Stirling Engine Student(s) Charles Orban Grade 8 Town Norwalk Award m

- * Connecticut Science Fair Association Physical Science Awards --- Finalist Physical Sciences 8th Grade CSF
- * Pepsico Engineering Awards --- Finalist Engineering Middle School CSF Medallion
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * John S. Kendall Memorial --- \$300 John S. Kendall Award for Excellence In Mechanical Engineering Second Place
- * Susan and Stanley Lessoff Memorial --- Susan and StanleyLessoff Memorial Award \$250 Cash and Plaque MS

High School

	Concurrent Removal of Rising S Remediation Framework.	Soluble Ocean Carbon Dioxide and Oil-in-Water Contar	minants via Multi-Functional
Award 1	Student(s) Naomi Park	Grade 11 Town Bi	verside

- * Connecticut Science Fair Association Physical Science Awards --- 3rd Place- Physical Sciences Senior High Individual - \$200 & Plaque
- * Stanley Black & Decker Applied Technology Awards --- 3rd Place High School \$ 200 and Plaque, Medallion
- * EnergizeCT Future Sustainability Awards --- High School Finalist Medallion
- * Pepsico Engineering Awards --- 1st Place- Engineering Senior High- \$500 & plague,

* Pepsico Engineering Awards --- 2nd Place- Engineering Senior High- \$300 & plaque

- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift card given by ONR
- * Stockholm Junior Water Prize --- Certificate, \$25 gift card by CSEF, possible advance to further competition

3129 LS	Creation and Simulation of Function of Cla Dissolution of Atherosclerotic Plaque	ramine-Atorvastatin Coated Hya	lluronic A	cid Nanoparticles for Targeted
	Dissolution of Atheroscierotic Flaque			
Award 2	Student(s) Justin Bernstein	Grade 10	Town	Greenwich



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

Student(s) Jingyuan Zhang Grade 10 Town Wallingford 3

- Connecticut Science Fair Association Physical Science Awards --- 1st Place Physical Sciences Senior High Individual - \$500 & Plaque
- * Pepsico Engineering Awards --- 3rd Place- Engineering Senior High- \$200 & plaque
- * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7,500 per year) to Quinnipiac University for HS Student
- * H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering ---Physical Sciences 1st HS \$1,000, Solid Silver Medal of Excellence, Invite to CASE Annual Mtg
- * Alexion Biotechnology Awards --- 1st Place Biotechnology Senior High \$500 & plaque
- * MTU Aero Engines North America, Inc. --- MTU Aero Engines Mechanical Engineering Applied Principles Award -
- * IEEE, Connecticut Section --- \$250 Honors Award Senior
- * Zepke Awards --- \$125 For the Best Use of Electronic Circuitry- Senior High

PS Using Magnetic Fields to Direct Crystallization of Calcium Carbonate to Emulate the Growth of Trabeculae Post Bone 6052 Fracture

Award m

Award

Student(s) Jonah Rosenbaum

Town Fairfield Grade 12

- Connecticut Science Fair Association Physical Science Awards --- Finalist Physical Sciences Senior High CSF Medallion
- The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---Senior High Finalist - Medallion
- * Pepsico Engineering Awards --- Finalist Engineering High School CSF Medallion

6506 PST Comparative analysis of the most efficient, accessible, and useful gasifiable biomatter

m Award

Student(s) Thomas Armstrong

Eric Lorenz

Town Greenwich Grade 10

Grade 10 Town Greenwich

- Connecticut Science Fair Association Physical Science Awards --- Finalist Physical Sciences Senior Team CSF
- * Pepsico Engineering Awards --- Finalist Engineering High School CSF Medallion
- * J.A. Augustine and H. Glista Awards --- \$100 for excellence in physical sciences

6028 Development of an Efficient and Easily-Applicable Low-Energy Process for the Degradation of PFAS

Award | m Student(s) Zara Haque

Grade 10 Town Riverside

- EnergizeCT Future Sustainability Awards --- 1st Place High School Plaque & \$700 Stipend to Compete at GENIUS Olympiad
- * Pepsico Engineering Awards --- Finalist Engineering High School CSF Medallion
- * Alexion Biotechnology Awards --- Finalist Biotechnology Senior High CSF Medallion
- * GENIUS Olympiad --- GENIUS Olympiad Competition for1st Place HS Future Sustainability



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[6043] PS Reversible, Tunable Metal Electrodeposition on Pt-Functionalized, Inc Thermal Regulating and Dynamic Optical Properties of Smart Window	dium Tin Oxide, Transparent Electrodes for ws
Award m Student(s) Madeline Minichetti Grade	e 12 Town Greenwich
* Pepsico Engineering Awards Finalist - Engineering High School -	CSE Medallion
* Office of Naval Research- U.S. Navy / U.S. Marine Corps High Sc	
* CT Architecture Foundation - The William M. Mack, AIA Award \$2	
Architecture Foundation, William M. Mack, AIA Award.	
* Otis Elevator Company HS Excellence Award - \$250	
6036 PS Environmental Remediation via Photocatalysis for Partial Methane On	xidation and Oil Photodegradation
Award m Student(s) Antonia Kolb Grade	e 11 Town New Canaan
* Connecticut Science Fair Association Physical Science Awards Fi Medallion	nalist - Physical Sciences Senior High - CSF
* Pepsico Engineering Awards Finalist - Engineering High School -	CSF Medallion
* Freeman Family Excellence in Chemistry Awards For Excellence	
School student, \$200 cash	, , , , ,
6076 PS Theoretical Investigation of Sodium Ion Adsorption on N-rich Grapher	no an a Uigh Data Anada fay Cadium Ian Battavian
	y
Award m Student(s) Henry Ding Grade	e 11 Town Irvine
* Pepsico Engineering Awards Finalist - Engineering High School -	CSF Medallion
* Office of Naval Research- U.S. Navy / U.S. Marine Corps High Sc	
6084 PS Water Quality Inspection Catamaran	
Award m Student(s) Chengyue Zhang Grade	e 11 Town Shanghai
* Densine Fasinessine Assende Finalist Fasinessine High Cohool	CCE Madallian
* Pepsico Engineering Awards Finalist - Engineering High School -	USF Medaillon
6047 PS Linear Particle Accelerator	
Award m Student(s) Enzo Adorno Grade	e 12 Town Westbrook

- * Pepsico Engineering Awards --- Finalist Engineering High School CSF Medallion
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift card given by ONR
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * University of Connecticut Early College Experience --- UCONN Early College Experience Program: Physical Sciences - Co-Op \$100 Gift Certificate