



# Conn. Science & Engineering Fair

## Quinnipiac University

March 2-14, 2026

These judging results are unaudited by the fair's Database Committee. The CSF reserves the right to correct the listings.

### Special Awards

#### Air and Waste Management Association, Connecticut Chapter

Award	\$100 Senior, Environmental Research, air pollution related		
School	South Windsor High School	South Windsor	Danel Eitel
Project Title	Cyanopanel		
Proj. No.	3518		
Student(s)	Diva Shajith	Grade 10	Town South Windsor
	Amariah Ysabelle Luci	Grade 10	Town South Windsor
	Sahasra Natti	Grade 10	Town South Windsor

Award	\$100 Senior, Environmental Research, air pollution related		
School	Bethel High School	Bethel	Ray Turek
Project Title	Fleet for Localized Atmospheric Research and Environmental Surveillance (FLARES): Autonomous drones and machine learning working for a cleaner environment.		
Proj. No.	6003		
Student(s)	Toshan Bhattacharya	Grade 11	Town Bethel

Award	\$100 Senior, Environmental Research, waste recycling related		
School	Glastonbury High School	Glastonbury	Stephen Falcigno
Project Title	Green Cellulose Extraction From Autumn Leaves For Biodegradable Packaging Films		
Proj. No.	6035		
Student(s)	Ioana Popescu	Grade 11	Town Glastonbury

Award	\$100 Senior, Environmental Research, waste recycling related		
School	Westminster School	Simsbury	Mike Van Dolah
Project Title	Multi-Function Submersible for Microplastic Collection and Aquatic Environmental Analysis		
Proj. No.	6513		
Student(s)	Muqiao Zong	Grade 10	Town Simsbury
	Andrew Ma	Grade 11	Town Simsbury

### Alumni Botany Awards

<b>Award</b>	Alumni High School Botany Award- \$100 Cash		
<b>School</b>	Darien High School	Darien	David Lewis
<b>Project Title</b>	Post-Robbing Behavioral Shifts in Native and Invasive Bees		
<b>Proj. No.</b>	6091		
<b>Student(s)</b>	Stella Nehro	Grade 12	Town Darien

<b>Award</b>	Alumni Middle School Botany Award- \$100 Cash		
<b>School</b>	Fields Memorial School	Bozrah	Joshua Fish
<b>Project Title</b>	The Impact of Ice Melting Substances On Unicellular Organisms In Pond Water		
<b>Proj. No.</b>	1003		
<b>Student(s)</b>	Analise Williams	Grade 8	Town Bozrah
	Ella Sikorski	Grade 8	Town Bozrah

<b>Award</b>	Alumni Middle School Botany Award- \$100 Cash		
<b>School</b>	Hamden Hall Country Day School	Hamden	Paulomi Aldo
<b>Project Title</b>	The Amount of Carbon Dioxide That Nannochloropsis, Chlorella, and Chlamydomonas can Photosynthesize		
<b>Proj. No.</b>	2505		
<b>Student(s)</b>	Gabi Pereira	Grade 8	Town Hamden

### American Psychological Association

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Greens Farms Academy	Westport	Mathieu Freeman
<b>Project Title</b>	A Data-Driven Evaluation of Behavioral and Dermatologic Factors in Adolescent Skincare Practices in the Context of Social Media Exposure		
<b>Proj. No.</b>	3016		
<b>Student(s)</b>	Anika Vaidheeswaran	Grade 11	Town Stamford

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Greens Farms Academy	Westport	Julianne Gerdes
<b>Project Title</b>	The Psychology of Yondr Pouches and The Impact on Student Well-being		
<b>Proj. No.</b>	3040		
<b>Student(s)</b>	Amalia Slade	Grade 12	Town Westport

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Darien High School	Darien	Guy Pratt
<b>Project Title</b>	The effects of psychiatric service dogs on veterans with PTSD and co-occurring mental health disorders: A Meta-Analysis		
<b>Proj. No.</b>	3200		
<b>Student(s)</b>	Anastasia Buchesky	Grade 12	Town Darien

### American Society of Safety Professionals, CT Valley Chapter

<b>Award</b>	\$150 grade 7-8 project		
<b>School</b>	Multicultural Magnet School	Bridgeport	Corina Starn
<b>Project Title</b>	SMART CANE		
<b>Proj. No.</b>	4006		
<b>Student(s)</b>	Erick Aquino	Grade 8	Town Bridgeport
	Dhavid Caetano	Grade 8	Town Bridgeport

<b>Award</b>	\$150 grade 7-8 project		
<b>School</b>	Westside Middle School Academy	Danbury	Nancy Barlow
<b>Project Title</b>	The Effect of Phone Case Materials on EMF Radiation from an iPhone Under Various Scenarios.		
<b>Proj. No.</b>	4017		
<b>Student(s)</b>	Gowtham Vallinayagam	Grade 8	Town Danbury
	Edward Sola	Grade 8	Town Danbury
	Rafael Barreto	Grade 8	Town Danbury

<b>Award</b>	\$150 grade 7-8 project		
<b>School</b>	Hopkins School	New Haven	Leilei Shinohara
<b>Project Title</b>	Optical Fire Detection using Computer Vision		
<b>Proj. No.</b>	5521		
<b>Student(s)</b>	Maki Lawrence Shinohara	Grade 8	Town New Haven

<b>Award</b>	\$200 grade 9-12 project		
<b>School</b>	Ridgefield High School	Ridgefield	Ryan Gleason
<b>Project Title</b>	Prevalence of Pathogens in Asian Longhorn Ticks (Haemaphysalis Longicornis) in Bridgeport Connecticut		
<b>Proj. No.</b>	3141		
<b>Student(s)</b>	Sara Hill	Grade 12	Town Ridgefield

Award	\$200 grade 9-12 project		
School	King School	Stamford	Victoria Schulman
Project Title	Real-Time Instance Segmentation for Curb and Path Detection in Assistive Wearables for Blind and Low-Vision Assistance		
Proj. No.	6088		
Student(s)	Olivia Ajayi	Grade 11	Town Stamford

Award	\$200 grade 9-12 project		
School	The Loomis Chaffee School	Windsor	Fahmeed Sheehan
Project Title	LISTEN – A Robotic Leak Identification System using TDNN and ENhanced Acoustic Features for Pipeline Detection		
Proj. No.	6122		
Student(s)	Jiaxuan Li	Grade 11	Town Cupertino

### Anonymous Friends of the Fair Family Awards

Award	1st place - \$250 - For Excellence in Engineering High School		
School	Cheshire High School	Cheshire	Julie Barker
Project Title	Towards Faster Materials Simulation: GPU-Optimized Neural Networks for Interatomic Potentials		
Proj. No.	6030		
Student(s)	Raine Ma	Grade 11	Town Cheshire

Award	1st place - \$250 - For Excellence in Engineering Middle School		
School	St. Mark School	Stratford	Andrea Borbor
Project Title	Crash! Testing Model Cars		
Proj. No.	5512		
Student(s)	Stella Jass	Grade 8	Town Trumbull

Award	2nd place - \$150 - For Excellence in Engineering High School		
School	The Taft School	Watertown	Amanda Benedict
Project Title	A Novel Equestrian Virtual Reality-Based Coordination Rehabilitation System for Post-Stroke Motor Recovery		
Proj. No.	6070		
Student(s)	Mily Xue	Grade 10	Town Watertown

<b>Award</b>	2nd place - \$150 - For Excellence in Engineering Middle School		
<b>School</b>	Eastern Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	Computer Simulation for School Traffic Optimization		
<b>Proj. No.</b>	5515		
<b>Student(s)</b>	Ivyn Chen	Grade 8	Town Greenwich

<b>Award</b>	3rd place - \$100 - For Excellence in Engineering High School		
<b>School</b>	Glastonbury High School	Glastonbury	Stephen Falcigno
<b>Project Title</b>	OPTIMIZATION FEASIBILITY ANALYSIS OF COMPLIANT MECHANISM REPLACEMENTS OF HYDRAULICS IN PENDULUM TUNED MASS DAMPERS		
<b>Proj. No.</b>	6079		
<b>Student(s)</b>	Diego Aguilar	Grade 12	Town South Glastonbury

<b>Award</b>	3rd place - \$100 - For Excellence in Engineering Middle School		
<b>School</b>	John Winthrop School	Bridgeport	Srilakshmi Kongani
<b>Project Title</b>	Insulation Investigation		
<b>Proj. No.</b>	5510		
<b>Student(s)</b>	Lavinya Baence	Grade 8	Town Bridgeport

### Aquarion Water Company

<b>Award</b>	1st, \$300.00 Cash - Grade 9-12 For Excellence in Water Quality or Environmental Management		
<b>School</b>	Bridgeport Regional Aquaculture Center	Bridgeport	Holly Turner
<b>Project Title</b>	Impact of increasing water temperatures on strobilation rates in Aurelia aurita.		
<b>Proj. No.</b>	3199		
<b>Student(s)</b>	Calyn Fletcher	Grade 10	Town fairfield

<b>Award</b>	1st, \$200.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental Management		
<b>School</b>	Middlebrook School	Wilton	Jessica Garcia
<b>Project Title</b>	How Microplastics in Water Affects Cymatics		
<b>Proj. No.</b>	5519		
<b>Student(s)</b>	Jiya Praveen	Grade 8	Town Wilton

**Award** 2nd. \$150.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental Management

**School** **Sacred Heart Greenwich** **Greenwich** **Mary Musolino**

**Project Title** Purifying Water using Different Types of Graphene to Adsorb Harmful Pollutants

**Proj. No.** **4014**

<b>Student(s)</b>	Adriana Hassani-Sadi	<b>Grade</b> 8	<b>Town</b> Old Greenwich
	Malaika Bazie	<b>Grade</b> 8	<b>Town</b> White Plains

**Award** 2nd. \$250.00 Cash - Grade 9-12 For Excellence in Water Quality or Environmental Management

**School** **Brunswick School** **Greenwich** **Dana Montañez**

**Project Title** Linking Bacterial Contamination in Public Water Sources to Daphnia Behavior and Health

**Proj. No.** **3525**

<b>Student(s)</b>	Owen Bartoszek	<b>Grade</b> 11	<b>Town</b> Greenwich
	Aidan Williams	<b>Grade</b> 11	<b>Town</b> Greenwich

**Award** 3rd \$200.00 Cash - Grade 9-12 For Excellence in Water Quality or Environment Management

**School** **Brunswick School** **Greenwich** **Dana Montanez**

**Project Title** Preventing Zoonotic Parasitic Growth in Freshwater Aquaculture Using Aerogel Praziquantel Feed Additives

**Proj. No.** **3177**

<b>Student(s)</b>	Sawyer Sacks	<b>Grade</b> 11	<b>Town</b> Greenwich
-------------------	--------------	-----------------	-----------------------

**Award** 3rd. \$100.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental Management

**School** **Saint Joseph School** **Danbury** **Kathleen Spina**

**Project Title** To Drink or Not To Drink: How clean is your water?

**Proj. No.** **2513**

<b>Student(s)</b>	Christopher Caputo	<b>Grade</b> 8	<b>Town</b> danbury
-------------------	--------------------	----------------	---------------------

### Arthur & Ruth Mensing Award

**Award** Mensing Award Excellence in the High School Physical Sciences - \$500

**School** **ACES Chase Academy** **Waterbury** **Anne Pember**

**Project Title** Using chitin and chitin-based derivatives to remove and remediate nitrates.

**Proj. No.** **6022**

<b>Student(s)</b>	Kathryn Thibeault	<b>Grade</b> 9	<b>Town</b> Waterbury
-------------------	-------------------	----------------	-----------------------

### Association for Women Geoscientists

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Nancy Barlow</b>
<b>Project Title</b>	How can we use phytoremediation to extract different heavy metals out of soil?		
<b>Proj. No.</b>	<b>1013</b>		
<b>Student(s)</b>	Rhea Yadav	<b>Grade 8</b>	<b>Town</b> Danbury
	Aanya Popuri	<b>Grade 8</b>	<b>Town</b> Danbury

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Nancy Barlow</b>
<b>Project Title</b>	How Do Organisms Affect The Rate Off Food Decomposition?		
<b>Proj. No.</b>	<b>1020</b>		
<b>Student(s)</b>	Reina Melendez	<b>Grade 8</b>	<b>Town</b> Danbury
	Sophia Cardenas	<b>Grade 8</b>	<b>Town</b> Danbury

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>The Loomis Chaffee School</b>	<b>Windsor</b>	<b>Fahmeed Sheehan</b>
<b>Project Title</b>	Can Dead Bacteria Clean Up Our Gardens? Using EPS□Rich Biomass and Biochar to Lower Soil Lead Below 200 ppm		
<b>Proj. No.</b>	<b>3019</b>		
<b>Student(s)</b>	Li-An Ye	<b>Grade 9</b>	<b>Town</b> San Jose

### Astronomical Society of Greater Hartford - The Charles Hammond for Excellence in

<b>Award</b>	Junior Top Project-\$500, subscription to Sky and Telescope, ASGH membership and meeting invitation		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Nancy Barlow</b>
<b>Project Title</b>	Can You Detect Muons and Cosmic Rays Using Household Materials? How do Coronal Mass Ejections affect the number of muons and cosmic rays detected?		
<b>Proj. No.</b>	<b>4005</b>		
<b>Student(s)</b>	Sean O'Marra	<b>Grade 8</b>	<b>Town</b> Danbury
	Alius Santiago-Stra	<b>Grade 8</b>	<b>Town</b> Danbury

<b>Award</b>	Senior Honorable Mention Project-\$500, subscription to Sky and Telescope, ASGH membership and meeting invitation		
<b>School</b>	<b>Wilton High School</b>	<b>Wilton</b>	<b>Matthew Hoyt</b>
<b>Project Title</b>	Improving Space Weather Forecasting Through Multivariate Machine Learning Analysis for SPE (Solar Particle Event) Prediction.		
<b>Proj. No.</b>	<b>6087</b>		
<b>Student(s)</b>	Ishanvi Jaiswal	<b>Grade 11</b>	<b>Town</b> Wilton

<b>Award</b>	Senior Top Project-\$1000, subscription to Sky and Telescope, ASGH membership and meeting invitation		
<b>School</b>	King School	Stamford	Victoria Schulman
<b>Project Title</b>	Predicting Detectability of Transiting Exoplanets: A Python-based Signal-to-Noise Ratio Model		
<b>Proj. No.</b>	6072		
<b>Student(s)</b>	Mia Jakubowsky	Grade 11	Town Rye

### Banning Family Life Science Award

<b>Award</b>	For excellence in invasive species research, \$100 cash		
<b>School</b>	Fairchild Wheeler Biotech	Bridgeport	Tara Liskov
<b>Project Title</b>	Testing the Efficacy of Non-Toxic Substances on the Destruction of Lanternflies and Egg Masses		
<b>Proj. No.</b>	3515		
<b>Student(s)</b>	Maxwell Egbuzie	Grade 12	Town Bridgeport
	Sebastian Polanco	Grade 12	Town Bridgeport

### Biophysical Society

<b>Award</b>	Biophysics Award- \$100		
<b>School</b>	Pomfret School	Pomfret	Annie O'Sullivan
<b>Project Title</b>	Leg exoskeletons that can help people with leg disabilities walk		
<b>Proj. No.</b>	6124		
<b>Student(s)</b>	Jiazhi Zhao	Grade 10	Town Pomfret

### Bushnell Center for Performing Arts

<b>Award</b>	Pair of Tickets to & Juliet - for top project involving technology and lights for Arts & Theatre Applications, if possible		
<b>School</b>	South Windsor High School	South Windsor	April Davis
<b>Project Title</b>	Green Light AI		
<b>Proj. No.</b>	6508		
<b>Student(s)</b>	Devdutt Bhatte	Grade 10	Town South Windsor
	Jude Pohl	Grade 10	Town South Windsor
	Srivashist Gaddam	Grade 10	Town South Windsor

<b>Award</b>	Pair of Tickets to & Juliet for top project that is behavioral or social sciences related		
<b>School</b>	Kent School	Kent	Michael Green
<b>Project Title</b>	MelodyMemo: A Novel Emotion-Aware Memory-Music Modeling and Recommendation System for Older Adults		
<b>Proj. No.</b>	3058		
<b>Student(s)</b>	Newton Niu	Grade 11	Town Stamford

### Connecticut Academy of Audiology Awards

<b>Award</b>	\$200 Award HS- For Excellence in Audiology and Acoustics, opport. to shadow an audiologist		
<b>School</b>	East Lyme High School	East Lyme	Cecilia Prytko
<b>Project Title</b>	Baby Connect: A haptic solution for deaf parents		
<b>Proj. No.</b>	3182		
<b>Student(s)</b>	Sashrika Das	Grade 10	Town East Lyme

<b>Award</b>	\$200 Award HS- For Excellence in Audiology and Acoustics, opport. to shadow an audiologist		
<b>School</b>	Sacred Heart Greenwich	Greenwich	Joyce Reed
<b>Project Title</b>	Hearing Loss's Correlation to Anxiety		
<b>Proj. No.</b>	3203		
<b>Student(s)</b>	Haley Blackwell	Grade 12	Town Rye

### Connecticut Association of Physics Teachers

<b>Award</b>	\$100 Senior project		
<b>School</b>	King School	Stamford	Victoria Schulman
<b>Project Title</b>	Predicting Detectability of Transiting Exoplanets: A Python-based Signal-to-Noise Ratio Model		
<b>Proj. No.</b>	6072		
<b>Student(s)</b>	Mia Jakubowsky	Grade 11	Town Rye

### Connecticut Invention Convention "Next Step Inventors"

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	Multicultural Magnet School	Bridgeport	Corina Starn
<b>Project Title</b>	SMART CANE		
<b>Proj. No.</b>	4006		
<b>Student(s)</b>	Erick Aquino	Grade 8	Town Bridgeport
	Dhavid Cactano	Grade 8	Town Bridgeport

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	<b>Sacred Heart Greenwich</b>	<b>Greenwich</b>	<b>Mary Musolino</b>
<b>Project Title</b>	Evaluating Biodegradable Plastics Made from Avocados, Bananas, and Mangos		
<b>Proj. No.</b>	<b>4007</b>		
<b>Student(s)</b>	Lauren Davidoff	<b>Grade 8</b>	<b>Town Pelham</b>
	Grace Nicholas	<b>Grade 8</b>	<b>Town Armonk</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	<b>Eastern Middle School</b>	<b>Greenwich</b>	<b>Andrew Bramante</b>
<b>Project Title</b>	OASIS: A Solar-Powered Off-Grid System for Harvesting Water from Subsurface Sand Moisture to Support Desert Vegetation Recovery		
<b>Proj. No.</b>	<b>5506</b>		
<b>Student(s)</b>	Jiahao Luo	<b>Grade 8</b>	<b>Town Greenwich</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	<b>Greens Farms Academy</b>	<b>Westport</b>	<b>Mathieu Freeman</b>
<b>Project Title</b>	Open Alert: A Novel Alert System For School Safety		
<b>Proj. No.</b>	<b>6109</b>		
<b>Student(s)</b>	Benjamin Kiev	<b>Grade 9</b>	<b>Town Westport</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	<b>Choate Rosemary Hall</b>	<b>Wallingford</b>	<b>George Gu</b>
<b>Project Title</b>	NeuroMirror: An Intelligent EEG-Driven Mirror Therapy System Grounded in Hebbian Theory for Post-Stroke Upper-Limb Rehabilitation		
<b>Proj. No.</b>	<b>6111</b>		
<b>Student(s)</b>	Sabrina Liu	<b>Grade 10</b>	<b>Town Wallingford</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2026 Invention Convention Summer Finals, August 22		
<b>School</b>	<b>Choate Rosemary Hall</b>	<b>Wallingford</b>	<b>Talia Dell Angelo</b>
<b>Project Title</b>	Harvesting Water from Air: Optimization of a Novel Solar-Powered Atmospheric Water Generator		
<b>Proj. No.</b>	<b>6531</b>		
<b>Student(s)</b>	Hsiao Chian Tseng	<b>Grade 11</b>	<b>Town Bellevue</b>
	Hiyab Mebrahtu	<b>Grade 11</b>	<b>Town Haverford</b>

### Connecticut Science Supervisors Association

<b>Award</b>	\$175 for a middle school project		
<b>School</b>	Middlebrook School	Wilton	Jessica Garcia
<b>Project Title</b>	How Microplastics in Water Affects Cymatics		
<b>Proj. No.</b>	5519		
<b>Student(s)</b>	Jiya Praveen	Grade 8	Town Wilton

<b>Award</b>	\$225 for a high school project		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Discovery and Validation of Biopolymer Coatings for Nanoparticle-Loaded Silk Fibroin Sutures to Accelerate Tissue Regeneration with a Novel Multimodal Machine Learning Model		
<b>Proj. No.</b>	3059		
<b>Student(s)</b>	Raghav Ramji	Grade 10	Town Riverside

### CT Architecture Foundation - The William M. Mack, AIA Awards

<b>Award</b>	\$250 Amazon Gift Card from the Connecticut Architecture Foundation, William M. Mack, AIA Award for Innovation in Building Performance.		
<b>School</b>	Academy of Aerospace & Engineering	Windsor	Joshua Madore
<b>Project Title</b>	Optimizing the Efficiency of Solar Cells using Enhanced Cooling Techniques.		
<b>Proj. No.</b>	6093		
<b>Student(s)</b>	Palaniappan Manikandan	Grade 10	Town Ellington

<b>Award</b>	\$250 Amazon Gift Card from the Connecticut Architecture Foundation, William M. Mack, AIA Award for Innovation in Building Sustainability.		
<b>School</b>	South Windsor High School	South Windsor	Danel Eitel
<b>Project Title</b>	Cyanopanel		
<b>Proj. No.</b>	3518		
<b>Student(s)</b>	Diva Shajith	Grade 10	Town South Windsor
	Amariah Ysabelle Luci	Grade 10	Town South Windsor
	Sahasra Natti	Grade 10	Town South Windsor

**Dreams Unlimited Award**

<b>Award</b>	\$150 cash award and certificate		
<b>School</b>	Middlebrook School	Wilton	Leah Pariso
<b>Project Title</b>	Dual Axis Automatic Solar Tracker		
<b>Proj. No.</b>	4002		
<b>Student(s)</b>	Aarya Patel	Grade 7	Town Wilton
	Aaryan Patel	Grade 7	Town Wilton

**Earth Forward Group, LLC**

<b>Award</b>	1st Prize for Sustainable, Agriculture and Food Systems \$250 cash		
<b>School</b>	Warren Harding High School	Bridgeport	Shelton Neale
<b>Project Title</b>	Plants Grow in Different Soils		
<b>Proj. No.</b>	3117		
<b>Student(s)</b>	Joseph Colon-Machado	Grade 11	Town Bridgeport

<b>Award</b>	2nd Prize for Sustainable, Agriculture and Food Systems \$150 cash		
<b>School</b>	Brunswick School	Greenwich	Dana Montanez
<b>Project Title</b>	Biochar as a Bioremediation Method to Control Microplastic Effects on Agricultural Crops		
<b>Proj. No.</b>	3536		
<b>Student(s)</b>	Giancarlo Cuesta	Grade 10	Town Stamford
	Quinn Cunningham	Grade 10	Town Greenwich

<b>Award</b>	3rd Prize for Sustainable, Agriculture and Food Systems \$100 cash		
<b>School</b>	Westside Middle School Academy	Danbury	Nancy Barlow
<b>Project Title</b>	How Do Organisms Affect The Rate Off Food Decomposition?		
<b>Proj. No.</b>	1020		
<b>Student(s)</b>	Reina Melendez	Grade 8	Town Danbury
	Sophia Cardenas	Grade 8	Town Danbury



<b>Award</b>	\$100 - Earth Science - Field work with Geologic or historic value		
<b>School</b>	Greens Farms Academy	Westport	Mathieu Freeman
<b>Project Title</b>	Developing a Methodology to Predict Flash Flooding in Southwestern Connecticut Using Historic Flood Events and Weather Data		
<b>Proj. No.</b>	6044		
<b>Student(s)</b>	Oliver Rohrbasser	Grade 12	Town Wilton

### IEEE, Connecticut Section

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Western Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	Creating a Crab Trap That Uses Computer Vision To Detect and Capture the Invasive European Green Crab		
<b>Proj. No.</b>	5505		
<b>Student(s)</b>	Laila McQueen	Grade 8	Town Greenwich

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	John Winthrop School	Bridgeport	Srilakshmi Kongani
<b>Project Title</b>	Insulation Investigation		
<b>Proj. No.</b>	5510		
<b>Student(s)</b>	Lavinia Baence	Grade 8	Town Bridgeport

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Western Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	Comparative analysis of CO2 Reduction by Common Houseplants Using an Arduino-Based Environmental Monitoring System		
<b>Proj. No.</b>	5526		
<b>Student(s)</b>	Victoria Shkabarnya	Grade 8	Town Greenwich, CT

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Black Rock School	Bridgeport	Elizabeth Moran
<b>Project Title</b>	Solar vs Battery Powered Car Performance		
<b>Proj. No.</b>	5528		
<b>Student(s)</b>	Robert Daley	Grade 8	Town Bridgeport

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	The Loomis Chaffee School	Windsor	Fahmeed Sheehan
<b>Project Title</b>	LISTEN – A Robotic Leak Identification System using TDNN and ENhanced Acoustic Features for Pipeline Detection		
<b>Proj. No.</b>	6122		
<b>Student(s)</b>	Jiaxuan Li	Grade 11	Town Cupertino

<b>Award</b>	\$250 Honors Award -Senior		
<b>School</b>	Farmington High School	Farmington	Alexandra Raymunt
<b>Project Title</b>	Utilizing Banana Peels to Depollute Water		
<b>Proj. No.</b>	6520		
<b>Student(s)</b>	Aniket Menon	Grade 10	Town Unionville
	Andrew Nguyen	Grade 10	Town Farmington
	Daniel Marimekala	Grade 10	Town Farmington

<b>Award</b>	\$250 Honors Award -Junior		
<b>School</b>	Westside Middle School Academy	Danbury	Nancy Barlow
<b>Project Title</b>	What desalinates water the most efficiently; Solar Distillation, Reverse Osmosis, and Boiling		
<b>Proj. No.</b>	4001		
<b>Student(s)</b>	Joseph Brocia	Grade 7	Town Danbury, CT
	Colin Guidotti	Grade 7	Town Danbury
	Brian Saltzman	Grade 7	Town Danbury

### Institute of Food Technologists, Nutmeg Section

<b>Award</b>	\$150 award + invitation to Awards Night Dinner with guest		
<b>School</b>	St. Gregory the Great School	Danbury	Christine Fahey
<b>Project Title</b>	Novel & Portable Cards For Detection of Common Food Allergens		
<b>Proj. No.</b>	2511		
<b>Student(s)</b>	Rahil Shah	Grade 8	Town Danbury

<b>Award</b>	\$200 award + invitation to Awards Night Dinner with guest		
<b>School</b>	Miss Porter's School	Farmington	Christine Scanlon
<b>Project Title</b>	How Cooking Affects Antioxidant Levels in Cauliflower and Their Role in Cancer Prevention		
<b>Proj. No.</b>	3138		
<b>Student(s)</b>	Olivia Cheon	Grade 11	Town Seoul

<b>Award</b>	\$75 award + invitation to Awards Night Dinner with guest		
<b>School</b>	Fairchild Wheeler Biotech	Bridgeport	Marilyn Carolina
<b>Project Title</b>	Budgerigars' Behavioral Responses to Different Genres of Music		
<b>Proj. No.</b>	3036		
<b>Student(s)</b>	Carolyn Fox	Grade 12	Town Bridgeport

### J.A. Augustine and H. Glista Awards

<b>Award</b>	\$100 for excellence in Life Sciences		
<b>School</b>	Interdistrict Discovery Magnet School	Bridgeport	Susan Berez
<b>Project Title</b>	Starch Wars		
<b>Proj. No.</b>	2002		
<b>Student(s)</b>	Alicia Palacios	Grade 7	Town Bridgeport

<b>Award</b>	\$100 for excellence in Physical Sciences		
<b>School</b>	Wilton High School	Wilton	Nomita Ramchandani
<b>Project Title</b>	OleoFoam: A Magnetically Controlled Oleophilic Foam for Targeted Oil Absorption		
<b>Proj. No.</b>	6026		
<b>Student(s)</b>	Arav Gupta	Grade 10	Town Wilton

<b>Award</b>	\$100 H. Glista Award for Life Sciences		
<b>School</b>	Staples High School	Westport	Amy Parent
<b>Project Title</b>	Comparing deep learning architectures with multispectral imaging for early detection of Black Cutworms on Bush Beans		
<b>Proj. No.</b>	3186		
<b>Student(s)</b>	Ezra Schwartz	Grade 12	Town Westport

<b>Award</b>	\$100 H. Glista Award for Physical Sciences		
<b>School</b>	The Loomis Chaffee School	Windsor	Fahmeed Sheehan
<b>Project Title</b>	Continual Learning with Elastic Weight Consolidation for Human Tree Person Test Frameworks		
<b>Proj. No.</b>	6027		
<b>Student(s)</b>	Ria Sunwoo An	Grade 11	Town Windsor

### Jon Chapitis Memorial Award

<b>Award</b>	Jon Chapitis Spirit of Innovation Award - HS \$200		
<b>School</b>	Amity Regional High School	Woodbridge	Lindsay McCarthy
<b>Project Title</b>	Developing a Bio-Hybrid Luminescent Solar Concentrator Using Carbon Quantum Dots, Natural Fluorophores, and Kaolin Powder for Enhanced Solar Energy Harvesting		
<b>Proj. No.</b>	6012		
<b>Student(s)</b>	Aryan Shrivastav	Grade 11	Town Orange

<b>Award</b>	Jon Chapitis Spirit of Innovation Award - MS \$100		
<b>School</b>	Middlebrook School	Wilton	Leah Pariso
<b>Project Title</b>	Dual Axis Automatic Solar Tracker		
<b>Proj. No.</b>	4002		
<b>Student(s)</b>	Aarya Patel	Grade 7	Town Wilton
	Aaryan Patel	Grade 7	Town Wilton

### Jon Stone Memorial Awards

<b>Award</b>	Jon Stone Award for Innovative Engineering- \$100		
<b>School</b>	Western Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	Creating a Crab Trap That Uses Computer Vision To Detect and Capture the Invasive European Green Crab		
<b>Proj. No.</b>	5505		
<b>Student(s)</b>	Laila McQueen	Grade 8	Town Greenwich

<b>Award</b>	Jon Stone Award for Innovative Engineering- \$100		
<b>School</b>	Hopkins School	New Haven	Leilei Shinohara
<b>Project Title</b>	Optical Fire Detection using Computer Vision		
<b>Proj. No.</b>	5521		
<b>Student(s)</b>	Maki Lawrence Shinohara	Grade 8	Town New Haven

### Lemelson Early Inventor Award

<b>Award</b>	Certificate & \$100 cash award from Lemelson Foundation		
<b>School</b>	Eastern Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	OASIS: A Solar-Powered Off-Grid System for Harvesting Water from Subsurface Sand Moisture to Support Desert Vegetation Recovery		
<b>Proj. No.</b>	5506		
<b>Student(s)</b>	Jiahao Luo	Grade 8	Town Greenwich

### Lunch with a Patent Attorney

<b>Award</b>	Lunch with a Patent Attorney		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Novel On Chip Screening Device for Ovarian Cancer with Algorithm from SVM-RFE on Serum miRNA Relative Expression Orderings		
<b>Proj. No.</b>	3007		
<b>Student(s)</b>	Sophie Yu	Grade 11	Town Riverside

<b>Award</b>	Lunch with a Patent Attorney		
<b>School</b>	South Windsor High School	South Windsor	Minatchy Visvanathan
<b>Project Title</b>	DOTBot: Diffusion-Aligned Chain-of-Thought Bipedal Humanoid Robot for Interpretable Real-Time Autonomous Navigation, Hazard Mitigation, and Recovery in High-Risk Built Environments		
<b>Proj. No.</b>	6061		
<b>Student(s)</b>	Karthik Srikumar	Grade 11	Town South Windsor

### Maplesoft Awards for Applied Mathematics and Modeling

<b>Award</b>	Maple software, , gift packs, & T-shirt - For Excellence in Mathematics		
<b>School</b>	Laurel Springs School	Stamford	Vera Ulanovskaya
<b>Project Title</b>	Driven By Demand: A Mixed-Integer Linear Programming Framework to Optimize the Efficiency and Quality of Bus Services in Stamford, CT		
<b>Proj. No.</b>	6096		
<b>Student(s)</b>	Victoria Makarov	Grade 12	Town Stamford

<b>Award</b>	Maple software, gift packs, & T-shirt - For Excellence in Mathematics		
<b>School</b>	Greens Farms Academy	Westport	Mathieu Freeman
<b>Project Title</b>	Developing a Methodology to Predict Flash Flooding in Southwestern Connecticut Using Historic Flood Events and Weather Data		
<b>Proj. No.</b>	6044		
<b>Student(s)</b>	Oliver Rohrbasser	Grade 12	Town Wilton

### Marty Putnam Foundation Awards

<b>Award</b>	Top Project in Cell or Gene Therapy or Immunology, 1st Place \$300		
<b>School</b>	Edwin O. Smith High School	Mansfield	Cheryl Granger
<b>Project Title</b>	Optimizing Jurkat Cell Cryopreservation Formulation for Safer T-Cell Therapy		
<b>Proj. No.</b>	3528		
<b>Student(s)</b>	Alice Han	Grade 11	Town Storrs
	Bibhuti Marasini	Grade 11	Town Storrs

<b>Award</b>	Top Project in Cell or Gene Therapy or Immunology, 2nd Place \$200		
<b>School</b>	Saint Thomas More School	Montville	Yajamana Ramu
<b>Project Title</b>	Towards Climate-Smart Agriculture: Decoding PP2C Gene Functions for Abiotic Stress Resilience in Maize		
<b>Proj. No.</b>	3129		
<b>Student(s)</b>	Ami Rastogi	Grade 11	Town Monroe Township

### MIT Club of Hartford K-12 Initiative

<b>Award</b>	For excellence in science & technology of energy related research, middle school, \$100 cash award		
<b>School</b>	Middlebrook School	Wilton	Leah Pariso
<b>Project Title</b>	Dual Axis Automatic Solar Tracker		
<b>Proj. No.</b>	4002		
<b>Student(s)</b>	Aarya Patel	Grade 7	Town Wilton
	Aaryan Patel	Grade 7	Town Wilton

### MTU Aero Engines North America, Inc.

<b>Award</b>	MTU Aero Engines Mechanical Engineering Applied Principles Award - \$250		
<b>School</b>	South Windsor High School	South Windsor	Minatchy Visvanathan
<b>Project Title</b>	DOTBot: Diffusion-Aligned Chain-of-Thought Bipedal Humanoid Robot for Interpretable Real-Time Autonomous Navigation, Hazard Mitigation, and Recovery in High-Risk Built Environments		
<b>Proj. No.</b>	6061		
<b>Student(s)</b>	Karthik Srikumar	Grade 11	Town South Windsor

<b>Award</b>	MTU Aero Engines Mechanical Engineering Innovative Concept Award - \$250		
<b>School</b>	South Windsor High School	South Windsor	Minatchy Visvanathan
<b>Project Title</b>	DOTBot: Diffusion-Aligned Chain-of-Thought Bipedal Humanoid Robot for Interpretable Real-Time Autonomous Navigation, Hazard Mitigation, and Recovery in High-Risk Built Environments		
<b>Proj. No.</b>	6061		
<b>Student(s)</b>	Karthik Srikumar	Grade 11	Town South Windsor

### NASA EARTH System Science Award

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Edwin O. Smith High School	Mansfield	Cheryl Granger
<b>Project Title</b>	Researching the Effects Of Different Concentrations of Formaldehyde on the Presence of Different Species of Bacteria in Soil		
<b>Proj. No.</b>	3211		
<b>Student(s)</b>	Avery Hancock-Braun	Grade 10	Town Storrs

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Sacred Heart Greenwich</b>	<b>Greenwich</b>	<b>Mary Musolino</b>
<b>Project Title</b>	Evaluating the Effectiveness of Supplementing Simulated Lunar Soil to Promote Crop Growth for Future Lunar Missions		
<b>Proj. No.</b>	<b>4004</b>		
<b>Student(s)</b>	Lily Hohensee	<b>Grade 8</b>	<b>Town Stamford</b>
	Lily Chase	<b>Grade 8</b>	<b>Town Rye</b>
	Paige Yantz	<b>Grade 8</b>	<b>Town Greenwich</b>

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Brunswick School</b>	<b>Greenwich</b>	<b>Dana Montanez</b>
<b>Project Title</b>	Comparative Study of Magnetohydrodynamic Propulsion Designs for Marine Applications		
<b>Proj. No.</b>	<b>6039</b>		
<b>Student(s)</b>	Jack Wendell	<b>Grade 11</b>	<b>Town Greenwich</b>

### National Center for Inquiry Learning

<b>Award</b>	Daniel & Maggie Award for Imagination - MS \$100		
<b>School</b>	<b>St. Gregory the Great School</b>	<b>Danbury</b>	<b>Christine Fahey</b>
<b>Project Title</b>	Novel & Portable Cards For Detection of Common Food Allergens		
<b>Proj. No.</b>	<b>2511</b>		
<b>Student(s)</b>	Rahil Shah	<b>Grade 8</b>	<b>Town Danbury</b>

<b>Award</b>	Daniel & Maggie Award for Imagination - MS \$100		
<b>School</b>	<b>Western Middle School</b>	<b>Greenwich</b>	<b>Andrew Bramante</b>
<b>Project Title</b>	Creating a Crab Trap That Uses Computer Vision To Detect and Capture the Invasive European Green Crab		
<b>Proj. No.</b>	<b>5505</b>		
<b>Student(s)</b>	Laila McQueen	<b>Grade 8</b>	<b>Town Greenwich</b>

### National Oceanic and Atmospheric Administration

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Fields Memorial School</b>	<b>Bozrah</b>	<b>Joshua Fish</b>
<b>Project Title</b>	The Impact of Ice Melting Substances On Unicellular Organisms In Pond Water		
<b>Proj. No.</b>	<b>1003</b>		
<b>Student(s)</b>	Analise Williams	<b>Grade 8</b>	<b>Town Bozrah</b>
	Ella Sikorski	<b>Grade 8</b>	<b>Town Bozrah</b>

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Choate Rosemary Hall	Wallingford	Jan Cook
<b>Project Title</b>	Innovative Restoration of Coastal Marine Ecosystems: Phage-Based Disease Control and pH Modulation in Connecticut Waters		
<b>Proj. No.</b>	3111		
<b>Student(s)</b>	Taeyoung Kim	Grade 10	Town Seattle

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Engineering and Science University Magnet	New Haven	Alyssa Anderson
<b>Project Title</b>	Which Material Erodes The Most		
<b>Proj. No.</b>	4011		
<b>Student(s)</b>	Jacob Werlin	Grade 7	Town New haven
	Finnian Dooley	Grade 7	Town New Haven

### NYUC Pony Club Equine or Animal Science Awards

<b>Award</b>	\$100 Cash Award for excellence in equine studies		
<b>School</b>	King School	Stamford	Victoria Schulman
<b>Project Title</b>	Assessing the Effects of Equine Grazing Muzzles on Upper Incisor Length and Dental Qualities in Ponies		
<b>Proj. No.</b>	3108		
<b>Student(s)</b>	Marilyn Sommerville	Grade 11	Town South Salem

<b>Award</b>	\$100 Cash Award or excellence in equine studies		
<b>School</b>	Fairchild Wheeler Biotech	Bridgeport	Lucien Bouffard
<b>Project Title</b>	Equine Cooling Patterns: Physiological Modification		
<b>Proj. No.</b>	3109		
<b>Student(s)</b>	Carly Grimm	Grade 9	Town Norwalk

### Office of Naval Research- U.S. Navy / U.S. Marine Corps

<b>Award</b>	High School- Certificate, \$75 gift card given by ONR		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Determining how prevalence of single nucleotide polymorphisms alters HLA molecule's expression, and dictates Juvenile Idiopathic Arthritis' best treatments in specific populations		
<b>Proj. No.</b>	3094		
<b>Student(s)</b>	Tessa Addeo	Grade 10	Town Greenwich

Award	High School- Certificate, \$75 gift card given by ONR		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Creation of PACA nanoparticles with a chitosan bilayer for effective oral delivery of a sildenafil PDE-5 inhibitor for treatment of non-alcoholic fatty liver disease		
Proj. No.	3125		
Student(s)	Neil Pendkar	Grade 11	Town Old Greenwich

Award	High School- Certificate, \$75.00 gift card given by ONR		
School	The Taft School	Watertown	Amanda Benedict
Project Title	Investigating the Neuroprotective and Stress-Modulating Effects of Oxytocin on Human Cells under Cortisol-Induced Stress Conditions		
Proj. No.	3179		
Student(s)	Esther Lee	Grade 10	Town Watertown

Award	High School- Certificate, \$75.00 gift card given by ONR		
School	Amity Regional High School	Woodbridge	Sarah Reeves
Project Title	Determining the Accuracy of Biomarker TNF- $\alpha$ in Predicting Ketamine Treatment Outcomes for Veterans with PTSD & MDD		
Proj. No.	3180		
Student(s)	Mila Mejnartowicz	Grade 12	Town Woodbridge

Award	High School- Certificate, \$75.00 gift card given by ONR		
School	Darien High School	Darien	David Lewis
Project Title	Functionalizing DNA Nanotechnology: Optimizing the Impact of Buffer Conditions on Chemical Ligation		
Proj. No.	6085		
Student(s)	Claire Chan	Grade 12	Town Darien

Award	High School- Certificate, \$75.00 gift card given by ONR		
School	Choate Rosemary Hall	Wallingford	George Gu
Project Title	NeuroMirror: An Intelligent EEG-Driven Mirror Therapy System Grounded in Hebbian Theory for Post-Stroke Upper-Limb Rehabilitation		
Proj. No.	6111		
Student(s)	Sabrina Liu	Grade 10	Town Wallingford

Award	Middle School- Certificate, \$25 gift card given by ONR		
School	John Winthrop School	Bridgeport	Srilakshmi Kongani
Project Title	Insulation Investigation		
Proj. No.	5510		
Student(s)	Lavinya Baence	Grade 8	Town Bridgeport

Award	Middle School- Certificate, \$25 gift card given by ONR		
School	St. Michael School	Stonington	Anna-Helene Grossomanides
Project Title	Investigating the effect of tire type on robot performance		
Proj. No.	5518		
Student(s)	Tyler Baltrukonis	Grade 8	Town Pawcatuck

Award	Middle School- Certificate, \$25 gift card given by ONR		
School	Middlebrook School	Wilton	Janica Bagosy
Project Title	Smart Plant Care: Using Automation and AI		
Proj. No.	5525		
Student(s)	Pratap Sharma	Grade 8	Town Wilton

### Otero Family Award

Award	The Otero Family Award; \$250 cash		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Determining how prevalence of single nucleotide polymorphisms alters HLA molecule's expression, and dictates Juvenile Idiopathic Arthritis' best treatments in specific populations		
Proj. No.	3094		
Student(s)	Tessa Addeo	Grade 10	Town Greenwich

### Regeneron Biomedical Science Award

Award	Certificate & \$375.00 cash		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Development of a Novel Nanoparticle Drug Delivery System using OLAH Targeting to Deliver Surfactant Protein and Prevent Neonatal Respiratory Distress Syndrome		
Proj. No.	3185		
Student(s)	Tyler Malkin	Grade 10	Town Greenwich

### Ricoh Americas Corporation

Award	Certificate, \$25 gift card given by CSEF		
School	Central Middle School	Greenwich	Andrew Bramante
Project Title	In situ, Natural Degradation of Cyanotoxins in Water by <i>L. acidiphilus</i> , with Concurrent Stimulation of the Aquatic Ecosystem		
Proj. No.	2503		
Student(s)	Clarissa Maldonado	Grade 8	Town Greenwich

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Hamden Hall Country Day School	Hamden	Paulomi Aldo
<b>Project Title</b>	The Effect of Fungi on Plastic Decomposition		
<b>Proj. No.</b>	2510		
<b>Student(s)</b>	Emma Gammans	Grade 8	Town Woodbridge

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Middlebrook School	Wilton	Jessica Garcia
<b>Project Title</b>	How Microplastics in Water Affects Cymatics		
<b>Proj. No.</b>	5519		
<b>Student(s)</b>	Jiya Praveen	Grade 8	Town Wilton

### Robert Francoeur Memorial Awards

<b>Award</b>	Creative or innovative project in engineering, computer science or mathematics by female students - \$100		
<b>School</b>	Westside Middle School Academy	Danbury	Nancy Barlow
<b>Project Title</b>	What is the Affect of Wing Design on the Speed a Model Plane Flies?		
<b>Proj. No.</b>	4009		
<b>Student(s)</b>	Shihan Lin	Grade 8	Town Danbury
	Isabella Amenta	Grade 8	Town Danbury
	Ally Kay	Grade 8	Town Danbury

<b>Award</b>	Creative or innovative project in engineering, computer science or mathematics by female students - \$100		
<b>School</b>	Western Middle School	Greenwich	Andrew Bramante
<b>Project Title</b>	Comparative analysis of CO2 Reduction by Common Houseplants Using an Arduino-Based Environmental Monitoring System		
<b>Proj. No.</b>	5526		
<b>Student(s)</b>	Victoria Shkabarnya	Grade 8	Town Greenwich, CT

### Robotics and Beyond

<b>Award</b>	Middle School- For excellence in engineering design; \$230 toward admission to Robotics And Beyond STEM and Design summer camp, \$50 cash if cannot attend camp. Certificate.		
<b>School</b>	Hamden Hall Country Day School	Hamden	Paulomi Aldo
<b>Project Title</b>	The Effect of Fungi on Plastic Decomposition		
<b>Proj. No.</b>	2510		
<b>Student(s)</b>	Emma Gammans	Grade 8	Town Woodbridge

**Schoepfer Award for Excellence in Local Aquatic Science**

<b>Award</b>	For excellence in a local water quality study, \$50 cash		
<b>School</b>	<b>St. Michael School</b>	<b>Stonington</b>	<b>Anna-Helene Grossomanides</b>
<b>Project Title</b>	To Swim or Not To Swim		
<b>Proj. No.</b>	2507		
<b>Student(s)</b>	Camille Thomas	<b>Grade</b> 8	<b>Town</b> Gales Ferry

**Society for In Vitro Biology**

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Warren Harding High School</b>	<b>Bridgeport</b>	<b>Shelton Neale</b>
<b>Project Title</b>	Plants Grow in Different Soils		
<b>Proj. No.</b>	3117		
<b>Student(s)</b>	Joseph Colon-Machado	<b>Grade</b> 11	<b>Town</b> Bridgeport

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Sarah Reeves</b>
<b>Project Title</b>	Developing a Predictive App for Water Quality: Modeling E. Coli Quantification Through Spatiotemporal Variables		
<b>Proj. No.</b>	3198		
<b>Student(s)</b>	Chloe Chang	<b>Grade</b> 11	<b>Town</b> Orange

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	<b>Bridgeport Regional Aquaculture Center</b>	<b>Bridgeport</b>	<b>Holly Turner</b>
<b>Project Title</b>	How Light Color Influences Agar Production in Gracilalia tikvahiae.		
<b>Proj. No.</b>	3510		
<b>Student(s)</b>	Cherelle Ricketts	<b>Grade</b> 10	<b>Town</b> Bridgeport
	Joshua Ball	<b>Grade</b> 11	<b>Town</b> Bridgeport

### Society of Women Engineers - Hartford Section

Award	Scientific Calculator		
School	Middlebrook School	Wilton	Leah Pariso
Project Title	Dual Axis Automatic Solar Tracker		
Proj. No.	4002		
Student(s)	Aarya Patel	Grade 7	Town Wilton
	Aaryan Patel	Grade 7	Town Wilton

Award	Scientific Calculator		
School	Talcott Mountain Science Center	Avon	Kaitlyn Roberts
Project Title	Engineering A Durable Algae-Argonite Alkalinity System To Reduce CO2 Driven Ocean Acidification and Enhance Biological Resilience In Coastal Marine Ecosystems		
Proj. No.	5003		
Student(s)	Raji Doshi	Grade 7	Town Farmington

Award	Scientific Calculator		
School	Black Rock School	Bridgeport	Elizabeth Moran
Project Title	Solar vs Battery Powered Car Performance		
Proj. No.	5528		
Student(s)	Robert Daley	Grade 8	Town Bridgeport

### Southeastern New England Marine Educators (SENEME)

Award	\$100 award and membership for student and teacher in SENEME - 1st Place Junior		
School	Talcott Mountain Science Center	Avon	Kaitlyn Roberts
Project Title	Engineering A Durable Algae-Argonite Alkalinity System To Reduce CO2 Driven Ocean Acidification and Enhance Biological Resilience In Coastal Marine Ecosystems		
Proj. No.	5003		
Student(s)	Raji Doshi	Grade 7	Town Farmington

Award	\$100 award and membership for student and teacher in SENEME - 1st Place Senior		
School	Amity Regional High School	Woodbridge	Sarah Reeves
Project Title	Developing a Predictive App for Water Quality: Modeling E. Coli Quantification Through Spatiotemporal Variables		
Proj. No.	3198		
Student(s)	Chloe Chang	Grade 11	Town Orange

## Stockholm Junior Water Prize

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	Norwich Technical High School	Norwich	Kaitlin McKale
<b>Project Title</b>	Influence of microplastic size and density on the structure of microbial communities: Implications for soil health		
<b>Proj. No.</b>	3057		
<b>Student(s)</b>	Nyashia Bostick	Grade 11	Town Willimantic

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	Greenwich Country Day School	Greenwich	Nathan Haag
<b>Project Title</b>	Viability of Freshwater Mussels as a Water-Management Tool in America		
<b>Proj. No.</b>	3099		
<b>Student(s)</b>	Cate Auerswald	Grade 12	Town Cos Cob

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	King School	Stamford	Victoria Schulman
<b>Project Title</b>	A Sustainable Treatment For Heavy Metal Pollution: Adsorption and Desorption of Ni(II) Ions In Water Using DNA-Wrapped Carbon Nanotubes		
<b>Proj. No.</b>	6083		
<b>Student(s)</b>	Bruno Reinhoefer Ribeiro	Grade 12	Town Riverside

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	Hamden Hall Country Day School	Hamden	Daniel Kemp
<b>Project Title</b>	How Does pH Affect the Corrosion Rate of Steel?		
<b>Proj. No.</b>	6517		
<b>Student(s)</b>	Yuxiao Yang	Grade 9	Town Guilford
	Jiale Luo	Grade 9	Town Derby
	Xinyi Xiao	Grade 9	Town Derby

## Susan and Stanley Lessoff Memorial

<b>Award</b>	Susan and Stanley Lessoff Memorial Award - \$250 Cash HS		
<b>School</b>	Warren Harding High School	Bridgeport	Shelton Neale
<b>Project Title</b>	Plants Grow in Different Soils		
<b>Proj. No.</b>	3117		
<b>Student(s)</b>	Joseph Colon-Machado	Grade 11	Town Bridgeport

<b>Award</b>	Susan and Stanley Lessoff Memorial Award - \$250 Cash MS		
<b>School</b>	Talcott Mountain Science Center	Avon	Kaitlyn Roberts
<b>Project Title</b>	Engineering A Durable Algae-Argonite Alkalinity System To Reduce CO2 Driven Ocean Acidification and Enhance Biological Resilience In Coastal Marine Ecosystems		
<b>Proj. No.</b>	5003		
<b>Student(s)</b>	Raji Doshi	Grade 7	Town Farmington

### Talcott Mountain Science Center & Academy

<b>Award</b>	TMSC Founder's Award - Middle School Life Science - Scholarship to one Summer or Saturday Program at TMSC - Value \$650		
<b>School</b>	Interdistrict Discovery Magnet School	Bridgeport	Susan Berez
<b>Project Title</b>	Starch Wars		
<b>Proj. No.</b>	2002		
<b>Student(s)</b>	Alicia Palacios	Grade 7	Town Bridgeport

<b>Award</b>	TMSC Founder's Award - Middle School Physical Science - Scholarship to one Summer or Saturday Program at TMSC - Value \$650		
<b>School</b>	Engineering and Science University Magnet	New Haven	Alyssa Anderson
<b>Project Title</b>	BiteSight: Development of a Mobile Deep Learning Application for Bug Bite Identification		
<b>Proj. No.</b>	5008		
<b>Student(s)</b>	Cayden Joseph	Grade 7	Town West Haven

### The Bob Erickson Memorial Innovation Awards

<b>Award</b>	\$150 Cash Award-- Clear Execution of Research- 7th Grade		
<b>School</b>	Engineering and Science University Magnet	New Haven	Alyssa Anderson
<b>Project Title</b>	BiteSight: Development of a Mobile Deep Learning Application for Bug Bite Identification		
<b>Proj. No.</b>	5008		
<b>Student(s)</b>	Cayden Joseph	Grade 7	Town West Haven

<b>Award</b>	\$200 Cash Award- Clear Execution of Research- 8th Grade		
<b>School</b>	Black Rock School	Bridgeport	Elizabeth Moran
<b>Project Title</b>	Solar vs Battery Powered Car Performance		
<b>Proj. No.</b>	5528		
<b>Student(s)</b>	Robert Daley	Grade 8	Town Bridgeport

### The Community Foundation for Greater New Haven's Milton Fisher Awards for

<b>Award</b>	For Excellence in Creativity and Innovation by a High School student, \$100 cash		
<b>School</b>	<b>Sacred Heart Greenwich</b>	<b>Greenwich</b>	<b>Joyce Reed</b>
<b>Project Title</b>	Hearing Loss's Correlation to Anxiety		
<b>Proj. No.</b>	3203		
<b>Student(s)</b>	Haley Blackwell	<b>Grade</b> 12	<b>Town</b> Rye

<b>Award</b>	For Excellence in Creativity and Innovation by a Middle School student, \$100 cash		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Nancy Barlow</b>
<b>Project Title</b>	The Effect of Phone Case Materials on EMF Radiation from an iPhone Under Various Scenarios.		
<b>Proj. No.</b>	4017		
<b>Student(s)</b>	Gowtham Vallinayagam	<b>Grade</b> 8	<b>Town</b> Danbury
	Edward Sola	<b>Grade</b> 8	<b>Town</b> Danbury
	Rafael Barreto	<b>Grade</b> 8	<b>Town</b> Danbury

### The Community Foundation for Greater New Haven Ecology, Environmental, and

<b>Award</b>	Award for top environmental protection project from an urban public school (\$455)		
<b>School</b>	<b>IT &amp; Software Engineering High School</b>	<b>Bridgeport</b>	<b>Ricki Chiem</b>
<b>Project Title</b>	How Effectively Can AI Classify Waste?		
<b>Proj. No.</b>	6510		
<b>Student(s)</b>	Alan Brewster	<b>Grade</b> 10	<b>Town</b> Milford
	Mikayla Larbi	<b>Grade</b> 10	<b>Town</b> Bridgeport
	Brandon Granados Pastora	<b>Grade</b> 10	<b>Town</b> Bridgeport

### U.S. Air Force

<b>Award</b>	Certificate & USAF Merchandise Package		
<b>School</b>	<b>Read School</b>	<b>Bridgeport</b>	<b>Trisha Bartholomew</b>
<b>Project Title</b>	How Does Air Flow Around Different Shape of Cars?		
<b>Proj. No.</b>	5509		
<b>Student(s)</b>	Aaron Samaroo	<b>Grade</b> 8	<b>Town</b> bridgeport

Award	Certificate & USAF Merchandise Package		
School	Plainville High School	Plainville	Michelle Bellinger
Project Title	Improving Airplane Efficiency and Maximizing a Sustainable Angle of Attack Through Acoustic Streamlining		
Proj. No.	6005		
Student(s)	Raman Kasabrukhou	Grade 10	Town Plainville

Award	Certificate & USAF Merchandise Package		
School	Hopkins School	New Haven	Phillip Stewart
Project Title	Arduino-Based Active Stabilization System for Model Rockets Using IMU Feedback and Servo-Driven Fins		
Proj. No.	6040		
Student(s)	Aiden Gomez	Grade 10	Town Orange

Award	Certificate & USAF Merchandise Package		
School	Hamden Hall Country Day School	Hamden	Paulomi Aldo
Project Title	Which shapes are the best for making the most aerodynamic car		
Proj. No.	5522		
Student(s)	David Esposito	Grade 8	Town North Haven

### U.S. Metric Association

Award	Certificate & \$25 gift card given by CSEF		
School	Trumbull Agriscience & Biotechnology	Trumbull	Kevin Boken
Project Title	Development of a Multi-Axis Adaptive Inertia Regulation Exoskeleton System: A Counter-Rotational Gyroframe for Stabilization and Energy Efficiency		
Proj. No.	6056		
Student(s)	Johnathon Lin	Grade 10	Town Bridgeport

Award	Certificate & \$25 gift card given by CSEF		
School	South Windsor High School	South Windsor	Danel Eitel
Project Title	From Fumes to Fertilizer: A Dual-Stage Catalytic System Converting Livestock Methane into Carbonate for Sustainable Crop Growth		
Proj. No.	6011		
Student(s)	Aniron Pal	Grade 10	Town South Windsor

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>Glastonbury High School</b>	<b>Glastonbury</b>	<b>Stephen Falcigno</b>
<b>Project Title</b>	OPTIMIZATION FEASIBILITY ANALYSIS OF COMPLIANT MECHANISM REPLACEMENTS OF HYDRAULICS IN PENDULUM TUNED MASS DAMPERS		
<b>Proj. No.</b>	<b>6079</b>		
<b>Student(s)</b>	Diego Aguilar	<b>Grade</b> 12	<b>Town</b> South Glastonbury

### University of Connecticut - Early College Experience

<b>Award</b>	UConn Early College Experience Program: Frontiers in Science - \$100 Cash		
<b>School</b>	<b>Bethel High School</b>	<b>Bethel</b>	<b>Raymond Turek</b>
<b>Project Title</b>	The Effect of Hydroxyapatite Concentration Within Dentistry Composite Resin on the Wear, Acidic Erosion, and Discoloration on a Synthetic Tooth.		
<b>Proj. No.</b>	<b>6046</b>		
<b>Student(s)</b>	Amanda Almeida	<b>Grade</b> 12	<b>Town</b> Bethel

<b>Award</b>	UConn Early College Experience Program: Life Sciences - \$100 Cash		
<b>School</b>	<b>Staples High School</b>	<b>Westport</b>	<b>Amy Parent</b>
<b>Project Title</b>	Evaluation the Therapeutic Potential of Curcumin in Improving Motor Neuron Health in Spinal Muscular Atrophy		
<b>Proj. No.</b>	<b>6025</b>		
<b>Student(s)</b>	Sofia DiLeo	<b>Grade</b> 12	<b>Town</b> Westport

<b>Award</b>	UConn Early College Experience Program: Physical Sciences - \$100 Cash		
<b>School</b>	<b>Brunswick School</b>	<b>Greenwich</b>	<b>Dana Montanez</b>
<b>Project Title</b>	Comparative Study of Magnetohydrodynamic Propulsion Designs for Marine Applications		
<b>Proj. No.</b>	<b>6039</b>		
<b>Student(s)</b>	Jack Wendell	<b>Grade</b> 11	<b>Town</b> Greenwich

### Westinghouse Electric Company/New England Chapter of North American Young

<b>Award</b>	1st place, Excellence in Energy Research, \$100 cash award		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Lindsay McCarthy</b>
<b>Project Title</b>	Developing a Bio-Hybrid Luminescent Solar Concentrator Using Carbon Quantum Dots, Natural Fluorophores, and Kaolin Powder for Enhanced Solar Energy Harvesting		
<b>Proj. No.</b>	<b>6012</b>		
<b>Student(s)</b>	Aryan Shrivastav	<b>Grade</b> 11	<b>Town</b> Orange

### Wisner Chairman's Award

Award	\$500 cash & plaque		
School	Multicultural Magnet School	Bridgeport	Corina Starn
Project Title	SMART CANE		
Proj. No.	4006		
Student(s)	Erick Aquino	Grade 8	Town Bridgeport
	Dhavid Caetano	Grade 8	Town Bridgeport

Award	\$500 cash & plaque		
School	Kent School	Kent	Jesse Klingebiel
Project Title	Modular Development of a Pneumatic Lumbar Exoskeleton for Assisting Stoop Lifting		
Proj. No.	6092		
Student(s)	Yu Tung Shan	Grade 10	Town Kent

### Yale Science & Engineering Association, Inc.

Award	1 Certificate, Medallion and 1- \$25 gift card given by CSEF		
School	South Windsor High School	South Windsor	Minatchy Visvanathan
Project Title	DOTBot: Diffusion-Aligned Chain-of-Thought Bipedal Humanoid Robot for Interpretable Real-Time Autonomous Navigation, Hazard Mitigation, and Recovery in High-Risk Built Environments		
Proj. No.	6061		
Student(s)	Karthik Srikumar	Grade 11	Town South Windsor

### Zepke Awards

Award	\$120 - For the Best Use of Electronic Circuitry- Middle School		
School	Western Middle School	Greenwich	Andrew Bramante
Project Title	Comparative analysis of CO2 Reduction by Common Houseplants Using an Arduino-Based Environmental Monitoring System		
Proj. No.	5526		
Student(s)	Victoria Shkabarnya	Grade 8	Town Greenwich, CT

Award	\$150 - For the Best Use of Electronic Circuitry- Senior High		
School	Greenwich Country Day School	Greenwich	Nathan Haag
Project Title	Effects of different drive-signal strategies on refresh rate and resolution of a Micro controller-driven CRT display.		
Proj. No.	6020		
Student(s)	Oliver Davis	Grade 11	Town Riverside

<b>Award</b>	\$150 - For the Best Use of Electronic Circuitry- Senior High		
<b>School</b>	The Loomis Chaffee School	Windsor	Fahmeed Sheehan
<b>Project Title</b>	LISTEN – A Robotic Leak Identification System using TDNN and ENhanced Acoustic Features for Pipeline Detection		
<b>Proj. No.</b>	6122		
<b>Student(s)</b>	Jiaxuan Li	<b>Grade</b> 11	<b>Town</b> Cupertino