



# Conn. Science & Engineering Fair

## Quinnipiac University

March 8 - 20, 2021

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

### Special Awards

#### Alumni Botany Awards

Award	Alumni High School Botany Award- \$100 Cash		
School	Central High School	Bridgeport	Mr. Dufe
Project Title	Can orange peels help plants to grow?		
Proj. No.	3049		
Student(s)	Aliyah Smith	Grade 9	Town Bridgeport

Award	Alumni Middle School Botany Award- \$100 Cash		
School	Talcott Mountain Academy	Avon	Dr. Brigette Zacharczenko
Project Title	How do x-ray wavelengths affect the growth of seeds?		
Proj. No.	2013		
Student(s)	Sam Wu	Grade 7	Town Avon

#### American Institute of Aeronautics & Astronautics - Connecticut Section

Award	\$200 award, certificate		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Increasing Aerofoil Lift via Artificial Amplification of the Coanda Effect using Heat		
Proj. No.	6040		
Student(s)	Timothy Drinkall	Grade 12	Town Old Greenwich

Award	\$200 award, certificate		
School	Fairchild Wheeler Aerospace	Bridgeport	Mr. Bergquist
Project Title	The Efficiency of Newer and Older Aircraft Designs.		
Proj. No.	6519		
Student(s)	Domenic Cammarota	Grade 10	Town Fairfield
	Max Markowsky	Grade 10	Town Newtown

### American Meteorological Society

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	Fields Memorial School	Bozrah	Evelyn Brown
<b>Project Title</b>	How efficient is aquaponics compared to traditional soil-based farming?		
<b>Proj. No.</b>	2004		
<b>Student(s)</b>	Sarah Martin	Grade 7	Town Bozrah

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	St. Bridget School	Cheshire	Mrs. Michelle Carroll
<b>Project Title</b>	No To Nanosilver: A Natural Approach to Nanosilver Filtration		
<b>Proj. No.</b>	2508		
<b>Student(s)</b>	Nilan Kathir	Grade 8	Town Cheshire

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	EVALUATION OF A MODEL FOR URBAN VEGETATION BARRIERS' EFFECTS ON AIR POLLUTION		
<b>Proj. No.</b>	3069		
<b>Student(s)</b>	Ray Nassar	Grade 10	Town Milford

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	Chiaravalle Academy	Enfield	Tim Coleman
<b>Project Title</b>	Toilet Power: Capturing Wasted Energy From Home Fixtures		
<b>Proj. No.</b>	4003		
<b>Student(s)</b>	Lincoln Marshaus	Grade 8	Town Suffield
	Chloe Walker	Grade 8	Town Somers
	Francesca Lamattina	Grade 8	Town Somers

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Eco-friendly Remediation of Arsenic from Contaminated Water Resources Using Iron Fortified Spinach Roots and Biochar		
<b>Proj. No.</b>	6018		
<b>Student(s)</b>	Elizabeth Wallace	Grade 10	Town Greenwich

Award	Certificate & \$25 gift card given by CSEF		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
Proj. No.	6039		
Student(s)	Brodey Lu	Grade 11	Town Orange

### American Psychological Association

Award	Certificate, \$25 gift card given by CSEF		
School	Fields Memorial School	Bozrah	Evelyn Brown
Project Title	Does personality type correlate to types of emotional responses to the Covid-19 pandemic?		
Proj. No.	2504		
Student(s)	Kali Kapilotis	Grade 8	Town Bozrah

Award	Certificate, \$25 gift card given by CSEF		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Mr. Kirk Shadle
Project Title	The Social Interactions and Learning Abilities Between Dogfish, Observed Using Two Different Methods of Target Training.		
Proj. No.	3052		
Student(s)	Clayton Nyiri	Grade 12	Town Fairfield

Award	Certificate, \$25 gift card given by CSEF		
School	Sacred Heart Greenwich	Greenwich	Joan Fei
Project Title	Surveying Adolescent Public Opinion and Knowledge on Nuclear Energy		
Proj. No.	3054		
Student(s)	Emma Rose Connolly	Grade 12	Town Yonkers

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

Award	\$100 grade 7-8 project		
School	Dodd Middle School	Cheshire	Clare Gonzalez
Project Title	A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor		
Proj. No.	5002		
Student(s)	Suchita Srinivasan	Grade 7	Town Cheshire, CT

Award	\$100 grade 7-8 project		
School	Talcott Mountain Academy	Avon	John Pellino
Project Title	Secure Stove		
Proj. No.	5015		
Student(s)	Elias Starr	Grade 8	Town AVON

Award	\$100 grade 7-8 project		
School	Talcott Mountain Academy	Avon	Ms. Lydia Gibb
Project Title	Ventilation for COVID-19: What is Effective?		
Proj. No.	5506		
Student(s)	Ariana Pourkavoos	Grade 8	Town Avon

Award	\$150 grade 9-12 project		
School	Sacred Heart Academy	Hamden	Elizabeth Christophy
Project Title	Transmission of COVID-19 Through Aerosols Spread by Musical Instruments		
Proj. No.	3006		
Student(s)	Gianna Gassira	Grade 10	Town North Branford

Award	\$150 grade 9-12 project		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	The Manufacture and Performance Evaluation of a Locking Container to Eliminate the Distraction of Phones While Driving		
Proj. No.	6025		
Student(s)	Scott Lowder	Grade 11	Town Orange

Award	\$150 grade 9-12 project		
School	Christian Heritage School	Trumbull	Dan Cote
Project Title	Building a Machine to Test Whether Certain Facemasks Are Protective or Not		
Proj. No.	6060		
Student(s)	Maxwell Barbagallo	Grade 11	Town Sandy Hook

**Arthur & Ruth Mensing Award**

Award	Mensing Award Excellence in the Physical Sciences - \$500		
School	The Loomis Chaffee School	Windsor	Mr. Osei-Mensah
Project Title	Identifying the host galaxies of 2175 Å quasar absorbers.		
Proj. No.	6013		
Student(s)	Benson Wang	Grade 10	Town San Ramon

**ASM Materials Education Foundation**

Award	Certificate & \$25 gift card given by CSEF		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	The Effects of Concentrations of Acetone on the Tensile Strength of Bioplastics		
Proj. No.	5511		
Student(s)	Eric Guo	Grade 8	Town Danbury

Award	Certificate & \$25 gift card given by CSEF		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	Development of a Low-Cost, Expandable Boot Aimed to Adjust to Multiple Sizes and Last Multiple Years.		
Proj. No.	6024		
Student(s)	Aditi Chalasani	Grade 11	Town Orange

Award	Certificate & \$25 gift card given by CSEF		
School	King School	Stamford	Victoria Schulman
Project Title	Clustering of TiMnOx XAFS Data		
Proj. No.	6053		
Student(s)	John Russell	Grade 11	Town Riverside

**Association for Women Geoscientists**

Award	Certificate & \$25 gift card given by CSEF		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
Proj. No.	5501		
Student(s)	Snigtha Mohanraj	Grade 8	Town Ansonia

Award Certificate & \$25 gift card given by CSEF

School **Greenwich High School** **Greenwich** **Andrew Bramante**

Project Title Eco-friendly Remediation of Arsenic from Contaminated Water Resources Using Iron Fortified Spinach Roots and Biochar  
 Proj. No. **6018**

Student(s) Elizabeth Wallace **Grade 10** **Town Greenwich**

Award Certificate & \$25 gift card given by CSEF

School **Greens Farms Academy** **Westport** **Mathieu Freeman**

Project Title The Effect of pH on Chlorophyll-a Concentration and the Net Primary Productivity of Phytoplankton  
 Proj. No. **6026**

Student(s) Lucy Nelson **Grade 12** **Town Westport**

### Astronomical Society of Greater Hartford - The Charles Hammond Award for

Award Junior Project-\$100, subscription to Sky and Telescope, ASGH membership and meeting invitation

School **Hopkins School** **New Haven** **Dr. Phillip Stewart**

Project Title The Core of Neptune: Discovery of the First Sub-Neptune Planet with a Stripped Envelope  
 Proj. No. **6092**

Student(s) David Zhou **Grade 12** **Town WESTPORT**

Award Senior Project-\$150, subscription to Sky and Telescope, ASGH membership and meeting invitation

School **Sacred Heart Greenwich** **Greenwich** **Joan Fei**

Project Title Uncovering Abnormalities in Asteroids Using Asteroid Occultation  
 Proj. No. **6003**

Student(s) Katherine May **Grade 10** **Town Wilton**

### Banning Family Life Science Award

Award For excellence in invasive species research, \$100 cash

School **Canton High School** **Canton** **Marsha Jorgensen**

Project Title Allelopathic Effects of Invasive Species Garlic Mustard (*Alliaria petiolata*) on Germination of Black Eyed Susan (*Rudbeckia hirta*)  
 Proj. No. **3044**

Student(s) Lauren Marze **Grade 9** **Town Canton**

**Biophysical Society**

<b>Award</b>	Biophysics Award- \$100		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Rapid, Noninvasive, Fluorescence-Based Detection for Elevated Levels of Nitric Oxide in Exhaled Breath, As a Marker for Hazardous PM2.5 Exposure		
<b>Proj. No.</b>	3037		
<b>Student(s)</b>	Ambika Grover	Grade 10	Town Riverside

**Broadcom MASTERS**

<b>Award</b>	Invitation to compete in Broadcom MASTERS		
<b>School</b>	Chiaravalle Academy	Enfield	Mr.Coleman
<b>Project Title</b>	Agricultural Plants reaction to Climate Change		
<b>Proj. No.</b>	1004		
<b>Student(s)</b>	Maya Serrano	Grade 8	Town Somers
	Joella Asapokhai	Grade 8	Town South Windsor
	Alexandria Croal	Grade 8	Town Enfield

<b>Award</b>	Invitation to compete in Broadcom MASTERS		
<b>School</b>	Westside Middle School Academy	Danbury	Jon Neuhausel
<b>Project Title</b>	The Effect of Bee Box Volume Size on Temperature and Humidity of a Wintering Bee Hive.		
<b>Proj. No.</b>	2007		
<b>Student(s)</b>	Luca LaRosa	Grade 7	Town Danbury

<b>Award</b>	Invitation to compete in Broadcom MASTERS		
<b>School</b>	Westside Middle School Academy	Danbury	Jonathan Neuhausel
<b>Project Title</b>	The Effect of UV Light on Bacteria From a Horse Blt		
<b>Proj. No.</b>	2011		
<b>Student(s)</b>	Sophia Blumenreich	Grade 7	Town Danbury

<b>Award</b>	Invitation to compete in Broadcom MASTERS		
<b>School</b>	St. Bridget School	Cheshire	Mrs. Michelle Carroll
<b>Project Title</b>	No To Nanosilver: A Natural Approach to Nanosilver Filtration		
<b>Proj. No.</b>	2508		
<b>Student(s)</b>	Nilan Kathir	Grade 8	Town Cheshire

**Award** Invitation to compete in Broadcom MASTERS

**School** Eastern Middle School Riverside Ms. Iannacone

**Project Title** Can trust kill? Covid-19 and Social Capital

**Proj. No.** 2519

**Student(s)** Zara Haque Grade 8 Town Riverside

**Award** Invitation to compete in Broadcom MASTERS

**School** Chiaravalle Academy Enfield Tim Coleman

**Project Title** Toilet Power: Capturing Wasted Energy From Home Fixtures

**Proj. No.** 4003

**Student(s)** Lincoln Marshaus Grade 8 Town Suffield

Chloe Walker Grade 8 Town Somers

Francesca Lamattina Grade 8 Town Somers

**Award** Invitation to compete in Broadcom MASTERS

**School** Dodd Middle School Cheshire Clare Gonzalez

**Project Title** A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor

**Proj. No.** 5002

**Student(s)** Suchita Srinivasan Grade 7 Town Cheshire, CT

**Award** Invitation to compete in Broadcom MASTERS

**School** Westside Middle School Academy Danbury Jonathan Neuhausel

**Project Title** Using Snell's Law to Calculate Index of Refraction of Solutions

**Proj. No.** 5009

**Student(s)** Sydney Borst Grade 7 Town Danbury

**Award** Invitation to compete in Broadcom MASTERS

**School** Talcott Mountain Academy Avon John Pellino

**Project Title** Tennis Ball Disinfectant

**Proj. No.** 5014

**Student(s)** Sia Reddy Grade 7 Town Avon



Award	Invitation to compete in Broadcom MASTERS		
School	Talcott Mountain Academy	Avon	John Pellino
Project Title	Secure Stove		
Proj. No.	5015		
Student(s)	Elias Starr	Grade 8	Town AVON

Award	Invitation to compete in Broadcom MASTERS		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
Proj. No.	5501		
Student(s)	Snigtha Mohanraj	Grade 8	Town Ansonia

Award	Invitation to compete in Broadcom MASTERS		
School	Interdistrict Discovery Magnet	Bridgeport	Helena Coatsworth
Project Title	Crystal Current		
Proj. No.	5508		
Student(s)	Arden Mauborgne	Grade 8	Town Easton

Award	Invitation to compete in Broadcom MASTERS		
School	Chiaravalle Academy	Enfield	Mr. Timothy Coleman
Project Title	Can Diodes Be Used to Reduce the Negative Impacts of Road Salt on Streams?		
Proj. No.	5513		
Student(s)	Abigail Quinby	Grade 8	Town Windsor

Award	Invitation to compete in Broadcom MASTERS for 1st - 4th MS winners		
School	Bi-Cultural Hebrew Academy	Stamford	Christopher Graseck
Project Title	Studying Four Climate Change Factors that Impact Plant Growth		
Proj. No.	1006		
Student(s)	David Isaacs	Grade 7	Town Stamford
	Gabriel Haron	Grade 7	Town Stamford

### Connecticut Association of Physics Teachers

Award	\$100 Senior project		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Increasing Aerofoil Lift via Artificial Amplification of the Coanda Effect using Heat		
Proj. No.	6040		
Student(s)	Timothy Drinkall	Grade 12	Town Old Greenwich

### Connecticut College-Physics, Astronomy, & Geophysics Dept.

Award	Junior Award: Certificate, & teeshirt & \$25 Amazon Card from CSEF		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	Using Snell's Law to Calculate Index of Refraction of Solutions		
Proj. No.	5009		
Student(s)	Sydney Borst	Grade 7	Town Danbury

Award	Senior Award: Certificate, & teeshirt & \$25 Amazon Card from CSEF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Increasing Aerofoil Lift via Artificial Amplification of the Coanda Effect using Heat		
Proj. No.	6040		
Student(s)	Timothy Drinkall	Grade 12	Town Old Greenwich

### Connecticut Invention Convention "Next Step Inventors"

Award	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
School	Suffield High School	Suffield	Melanie Brown
Project Title	Utilization of Self- Sanitizing Hydraulic Arm for Reduction of Illness Transmission		
Proj. No.	6007		
Student(s)	Haley Young	Grade 12	Town West Suffield

Award	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	Development of a Low-Cost, Expandable Boot Aimed to Adjust to Multiple Sizes and Last Multiple Years.		
Proj. No.	6024		
Student(s)	Aditi Chalasani	Grade 11	Town Orange

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Catherine Piscitelli</b>
<b>Project Title</b>	The Manufacture and Performance Evaluation of a Locking Container to Eliminate the Distraction of Phones While Driving		
<b>Proj. No.</b>	<b>6025</b>		
<b>Student(s)</b>	Scott Lowder	<b>Grade 11</b>	<b>Town Orange</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Catherine Piscitelli</b>
<b>Project Title</b>	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
<b>Proj. No.</b>	<b>6039</b>		
<b>Student(s)</b>	Brodey Lu	<b>Grade 11</b>	<b>Town Orange</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Catherine Piscitelli</b>
<b>Project Title</b>	Designing a Ground Collision Avoidance System to Inhibit Controlled Flight Into Terrain Accidents For Single Engine Aircraft		
<b>Proj. No.</b>	<b>6057</b>		
<b>Student(s)</b>	Mason Beaudette	<b>Grade 11</b>	<b>Town Orange</b>

<b>Award</b>	Next Step Inventor Trophy & Invitation to compete at the 2020 Invention Convention, May 2		
<b>School</b>	<b>Cheshire High School</b>	<b>Cheshire</b>	<b>Julie Barker</b>
<b>Project Title</b>	VISTA: a device that measures temperature and humidity levels, by using a complex set of algorithms to calculate the temperature variance and heat index of its environment.		
<b>Proj. No.</b>	<b>6064</b>		
<b>Student(s)</b>	Sagarika Srinivasan	<b>Grade 10</b>	<b>Town Cheshire</b>

## Connecticut Science Supervisors Association

<b>Award</b>	\$125 for a high school project		
<b>School</b>	<b>Greenwich High School</b>	<b>Greenwich</b>	<b>Andrew Bramante</b>
<b>Project Title</b>	Rapid, Noninvasive, Fluorescence-Based Detection for Elevated Levels of Nitric Oxide in Exhaled Breath, As a Marker for Hazardous PM2.5 Exposure		
<b>Proj. No.</b>	<b>3037</b>		
<b>Student(s)</b>	Ambika Grover	<b>Grade 10</b>	<b>Town Riverside</b>

<b>Award</b>	\$125 for a middle school project		
<b>School</b>	<b>Environmental Sciences Magnet School</b>	<b>Hartford</b>	<b>MS. HAYS</b>
<b>Project Title</b>	Dog- Be Gone- Plastic: An evaluation of dog waste bag materials and biodegradation		
<b>Proj. No.</b>	2511		
<b>Student(s)</b>	Patroklos Pitsoulis	<b>Grade</b> 8	<b>Town</b> EAST HARTFORD

### Constellation, an Exelon Company

<b>Award</b>	1st: \$100.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy		
<b>School</b>	<b>Chiaravalle Academy</b>	<b>Enfield</b>	<b>Tim Coleman</b>
<b>Project Title</b>	Toilet Power: Capturing Wasted Energy From Home Fixtures		
<b>Proj. No.</b>	4003		
<b>Student(s)</b>	Lincoln Marshaus	<b>Grade</b> 8	<b>Town</b> Suffield
	Chloe Walker	<b>Grade</b> 8	<b>Town</b> Somers
	Francesca Lamattina	<b>Grade</b> 8	<b>Town</b> Somers

<b>Award</b>	1st: \$150.00 Cash - Grade 9 - 12: For Excellence in clean renewable / sustainable energy		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Catherine Piscitelli</b>
<b>Project Title</b>	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
<b>Proj. No.</b>	6039		
<b>Student(s)</b>	Brodey Lu	<b>Grade</b> 11	<b>Town</b> Orange

<b>Award</b>	2nd: \$100.00 Cash - Grade 9 - 12: For Excellence in clean renewable / sustainable energy		
<b>School</b>	<b>Brunswick School</b>	<b>Greenwich</b>	<b>Dana Montanez</b>
<b>Project Title</b>	An Investigation of Current-Powered, Aquatic Turbines as Alternative Energy Source		
<b>Proj. No.</b>	6516		
<b>Student(s)</b>	Teddy Danforth	<b>Grade</b> 10	<b>Town</b> Greenwich
	Trip Williams	<b>Grade</b> 10	<b>Town</b> Greenwich

<b>Award</b>	2nd: \$50.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Jon Neuhausel</b>
<b>Project Title</b>	Thermoelastic energy generation using variable temperature gradients		
<b>Proj. No.</b>	5006		
<b>Student(s)</b>	Kiran Suri	<b>Grade</b> 7	<b>Town</b> Danbury

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

<b>Award</b>	\$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.		
<b>School</b>	<b>Fields Memorial School</b>	<b>Bozrah</b>	<b>Mrs. Brown</b>
<b>Project Title</b>	Electrical Testing Board For Energy Consumption		
<b>Proj. No.</b>	<b>5007</b>		
<b>Student(s)</b>	Andrew Pagnotta	<b>Grade 7</b>	<b>Town</b> Bozrah

<b>Award</b>	\$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.		
<b>School</b>	<b>Amity Regional High School</b>	<b>Woodbridge</b>	<b>Catherine Piscitelli</b>
<b>Project Title</b>	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
<b>Proj. No.</b>	<b>6039</b>		
<b>Student(s)</b>	Brodey Lu	<b>Grade 11</b>	<b>Town</b> Orange

### Demos R Us Award

<b>Award</b>	\$150 Cash Award-- Clear Execution of Research- 7th Grade		
<b>School</b>	<b>Westside Middle School Academy</b>	<b>Danbury</b>	<b>Jonathan Neuhausel</b>
<b>Project Title</b>	Using Snell's Law to Calculate Index of Refraction of Solutions		
<b>Proj. No.</b>	<b>5009</b>		
<b>Student(s)</b>	Sydney Borst	<b>Grade 7</b>	<b>Town</b> Danbury

<b>Award</b>	\$200 Cash Award- Clear Execution of Research- 8th Grade		
<b>School</b>	<b>Chiaravalle Academy</b>	<b>Enfield</b>	<b>Mr. Timothy Coleman</b>
<b>Project Title</b>	Can Diodes Be Used to Reduce the Negative Impacts of Road Salt on Streams?		
<b>Proj. No.</b>	<b>5513</b>		
<b>Student(s)</b>	Abigail Quinby	<b>Grade 8</b>	<b>Town</b> Windsor

### Dreams Unlimited Award

<b>Award</b>	\$100 Cash Award + Certificate to each student		
<b>School</b>	<b>Saint Bernard School</b>	<b>Uncasville</b>	<b>Nicole Nelson</b>
<b>Project Title</b>	The Hat and the Mouse: A Practical Hands-Free Method to Control a Personal Computer		
<b>Proj. No.</b>	<b>6087</b>		
<b>Student(s)</b>	Payton Noe	<b>Grade 10</b>	<b>Town</b> East Lyme

**Environmental / Energy Award- Urban Public School Award**

Award	Environmental / Energy Award- Urban Public School Award - \$431.40		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
Proj. No.	5501		
Student(s)	Snigtha Mohanraj	Grade 8	Town Ansonia

**Fox Pest Control Award for Environmental Management**

Award	\$150 Cash for Excellence in Environmental Management		
School	Guilford High School	Guilford	Dr. James Carlson
Project Title	Developing a More Consistent Renewable Energy Source		
Proj. No.	6023		
Student(s)	Michael Neiss	Grade 10	Town Guilford

**Frank J. Link Family Award for Energy Related Research**

Award	Frank J. Link Award for Energy Related Research - \$50		
School	Fields Memorial School	Bozrah	Mrs. Brown
Project Title	Electrical Testing Board For Energy Consumption		
Proj. No.	5007		
Student(s)	Andrew Pagnotta	Grade 7	Town Bozrah

Award	Frank J. Link Award for Energy Related Research - \$50		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
Proj. No.	6039		
Student(s)	Brodey Lu	Grade 11	Town Orange

**Fred Olender Urban School Challenge Award**

Award	\$250 Cash Award for HS student in USC school		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Gravity-Assisted Energy Conversion: Improving the Feasibility of Mechanically Powered Electricity Generators		
Proj. No.	6032		
Student(s)	Aiman-Imran Anuar	Grade 11	Town West Haven

### GENIUS Olympiad

<b>Award</b>	GENIUS Olympiad Competition for 1st Place HS Environmental Project		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Low-Pressure Application of Metal Nanoparticles to Soybean Seeds to Provide Increased		
<b>Proj. No.</b>	3025	Resistance to Fusarium virguliforme	
<b>Student(s)</b>	Uma Pendkar	Grade 12	Town Old Greenwich

<b>Award</b>	GENIUS Olympiad Competition for 1st Place Technical High School		
<b>School</b>	Norwich Technical High School	Norwich	Aleatha Pelloni
<b>Project Title</b>	Converting Natural Byproducts Into Soil Compost For Crops Using The Bokashi Method		
<b>Proj. No.</b>	3509		
<b>Student(s)</b>	Luis Salazar	Grade 11	Town Willimantic
	Nina Mendez	Grade 11	Town Sterling
	Gabriella Fedus	Grade 11	Town Oakdale

<b>Award</b>	GENIUS Olympiad Competition for Highest Placing USC 8th grade Project		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
<b>Proj. No.</b>	5501		
<b>Student(s)</b>	Snigtha Mohanraj	Grade 8	Town Ansonia

<b>Award</b>	GENIUS Olympiad Competition for HS Environmental, Energy, Ecology, or Biodiversity Project		
<b>School</b>	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
<b>Project Title</b>	Determining the Efficacy of Zingiber Officinale to Promote the Degradation of Bioplastics Through Amylase Hydrolysis		
<b>Proj. No.</b>	3089		
<b>Student(s)</b>	Sienna Matregrano	Grade 12	Town Fairfield

<b>Award</b>	GENIUS Olympiad Competition for 1st Place HS Future Sustainability		
<b>School</b>	Brunswick School	Greenwich	Dana Montanez
<b>Project Title</b>	Recirculating Shower Filtration System: Utilizing Natural, Cost-Efficient, and Effective Materials to Consolidate The Purification of Water		
<b>Proj. No.</b>	6501		
<b>Student(s)</b>	Myles Spiess	Grade 11	Town Old Greenwich
	Nicholas Altman	Grade 11	Town Mount Kisco

### Geology/Historic Project of Merit Award

<b>Award</b>	\$100 or 2 x \$50 - Earth Science - Field work with Geologic or historic value		
<b>School</b>	Talcott Mountain Academy	Avon	Lydia Gibb
<b>Project Title</b>	Bedrock vs. Trees: Is There A Connection?		
<b>Proj. No.</b>	2015		
<b>Student(s)</b>	Aarna Panigrahi	Grade 7	Town West Hartford

### IEEE, Connecticut Section

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Dodd Middle School	Cheshire	Clare Gonzalez
<b>Project Title</b>	A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor		
<b>Proj. No.</b>	5002		
<b>Student(s)</b>	Suchita Srinivasan	Grade 7	Town Cheshire, CT

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Talcott Mountain Academy	Avon	John Pellino
<b>Project Title</b>	Secure Stove		
<b>Proj. No.</b>	5015		
<b>Student(s)</b>	Elias Starr	Grade 8	Town AVON

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Amity Regional High School	Woodbridge	Catherine Piscitelli
<b>Project Title</b>	Designing a Ground Collision Avoidance System to Inhibit Controlled Flight Into Terrain Accidents For Single Engine Aircraft		
<b>Proj. No.</b>	6057		
<b>Student(s)</b>	Mason Beaudette	Grade 11	Town Orange

<b>Award</b>	\$100 Honorable Mention		
<b>School</b>	Kent School	Kent	Jesse Klingebiel
<b>Project Title</b>	Exoskeleton Hand Based on MMG Signals for Partially Paralyzed Patients		
<b>Proj. No.</b>	6072		
<b>Student(s)</b>	Siyi Lu	Grade 10	Town Kent



Award	\$100 Honorable Mention		
School	Hopkins School	New Haven	Nathaniel Peters
Project Title	Developing Tetherless Motion Tracking System for Wandering Insects Using an Omni-directional Servosphere Robot		
Proj. No.	6076		
Student(s)	Nicholas Lee	Grade 10	Town Trumbull

Award	\$250 Honors Award -Senior		
School	Choate Rosemary Hall	Wallingford	Kyle Di Tieri
Project Title	Development of an autonomously driving robot which can remotely scan body temperature to screen for COVID-19		
Proj. No.	6063		
Student(s)	Ryan Kim	Grade 10	Town Wallingford

Award	\$250 Honors Award -Junior		
School	St. Michael School	Pawcatuck	Anna-Helene Grossomanides
Project Title	Remote Learning on a Budget		
Proj. No.	5008		
Student(s)	Joseph Benin	Grade 7	Town Pawcatuck

### Institute of Food Technologists, Nutmeg Section

Award	\$100 award + invitation to Awards Night Dinner with guest		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Low-Pressure Application of Metal Nanoparticles to Soybean Seeds to Provide Increased		
Proj. No.	3025		Resistance to <i>Fusarium virguliforme</i>
Student(s)	Uma Pendkar	Grade 12	Town Old Greenwich

Award	\$150 award + invitation to Awards Night Dinner with guest		
School	Suffield High School	Suffield	Melanie Brown
Project Title	Creating Energy with Household Food Waste		
Proj. No.	3513		
Student(s)	John-Henry Burke	Grade 11	Town Suffield
	Isabella Hinkle	Grade 11	Town Suffield

**Award** \$50 award + invitation to Awards Night Dinner with guest

**School** Sacred Heart Greenwich Greenwich Alycia Crane

**Project Title** Testing for Arsenic Contamination in Well, Municipal, and Agricultural Sources

**Proj. No.** 3039

**Student(s)** Sam Novak Grade 12 Town stamford

### J.A. Augustine Award

**Award** \$100 for excellence in biology

**School** St. Bridget School Cheshire Mrs. Michelle Carroll

**Project Title** No To Nanosilver: A Natural Approach to Nanosilver Filtration

**Proj. No.** 2508

**Student(s)** Nilan Kathir Grade 8 Town Cheshire

**Award** \$100 for excellence in physical sciences

**School** Greenwich High School Greenwich Andrew Bramante

**Project Title** Eco-friendly Remediation of Arsenic from Contaminated Water Resources Using Iron Fortified Spinach Roots and Biochar

**Proj. No.** 6018

**Student(s)** Elizabeth Wallace Grade 10 Town Greenwich

### John S. Kendall Memorial Awards

**Award** \$300 John S. Kendall Award for Excellence In Mechanical Engineering - Middle School

**School** Talcott Mountain Academy Avon John Pellino

**Project Title** Secure Stove

**Proj. No.** 5015

**Student(s)** Elias Starr Grade 8 Town AVON

**Award** \$500 John S. Kendall Award for Excellence In Mechanical Engineering - High School

**School** Brunswick School Greenwich Dana Montanez

**Project Title** Harnessing and Repurposing Processing Heat Gradient Produced by a Computer to Reduce the Battery Lost to a Cooling Fan

**Proj. No.** 6512

**Student(s)** Gregory Kapp Grade 11 Town Greenwich

Michael Montgomery Grade 11 Town Greenwich

**Jon Chapitis Memorial Award**

Award	John Chapitis Spirit of Innovation Award - HS \$200		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Gravity-Assisted Energy Conversion: Improving the Feasibility of Mechanically Powered Electricity Generators		
Proj. No.	6032		
Student(s)	Aiman-Imran Anuar	Grade 11	Town West Haven

Award	John Chapitis Spirit of Innovation Award - MS \$100		
School	Newtown High School	Sandy Hook	Timothy DeJulio
Project Title	Accessible program and system to accurately align a star tracking mount using a DSLR camera.		
Proj. No.	6005		
Student(s)	Sam Staubly	Grade 11	Town Newtown

**Jon Stone Memorial Award**

Award	Jon Stone Award for Innovative Engineering- \$100		
School	St. Michael School	Pawcatuck	Anna Grossomanides
Project Title	Are All Masks Equal?		
Proj. No.	5509		
Student(s)	Katelyn Cadmus	Grade 8	Town Pawcatuck

Award	Jon Stone Award for Innovative Engineering- \$100		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Designing a Data-collecting Robotic System to Negate the Effects of Eutrophication		
Proj. No.	6034		
Student(s)	Ryan Kulsakdinun	Grade 10	Town Armonk

**Kathleen & David Smith Awards**

Award	Kathleen & David Smith Award for Innovative Concept - \$100		
School	Kent School	Kent	Kevin Saxton
Project Title	Wildlife Recognition from Camera Trap Data using Computer Vision Algorithms		
Proj. No.	6075		
Student(s)	Yuanqin (Albert) Dai	Grade 11	Town Newton

**Award** Kathleen & David Smith Award for Laser Application - \$100

**School** Bridgeport Regional Aquaculture Center      Bridgeport      Kirk Shadle

**Project Title** Determining the Proliferation of Cellular Oxidative Stress through Blue Light Induced Reactive Oxygen Species Formation

**Proj. No.** 3067

**Student(s)** Gabriella Silva      **Grade** 12      **Town** Bridgeport

### Lemelson Early Inventor Award

**Award** Certificate & \$100 cash award from Lemelson Foundation

**School** Westside Middle School Academy      Danbury      Jonathan Neuhausel

**Project Title** The Benefits of Debris Deflectors on Preventing Debris Buildup in Culverts

**Proj. No.** 4002

**Student(s)** David Thomas      **Grade** 8      **Town** Danbury

Cody Zhu      **Grade** 8      **Town** Danbury

### Lunch with a Patent Attorney

**Award**

**School** Greenwich High School      Greenwich      Andrew Bramante

**Project Title** Inhibition of Covid-19 Respiratory Complications Via an R-954 Peptide Bradykinin 1 Receptor Antagonist

**Proj. No.** 3107

**Student(s)** Ella Moore      **Grade** 11      **Town** Greenwich

**Award** Lunch with a Patent Attorney

**School** Greenwich High School      Greenwich      Andrew Bramante

**Project Title** Rapid, Noninvasive, Fluorescence-Based Detection for Elevated Levels of Nitric Oxide in Exhaled Breath, As a Marker for Hazardous PM2.5 Exposure

**Proj. No.** 3037

**Student(s)** Ambika Grover      **Grade** 10      **Town** Riverside

### Maplesoft Awards for Applied Mathematics and Modeling

**Award** Maple software - For Excellence in Mathematics

**School** Brunswick School      Greenwich      Dana Montanez

**Project Title** Towards Clean Energy via Radioactivity: An Investigation of the Dissipation of Electrons in an Ultra High Vacuum Environment

**Proj. No.** 6044

**Student(s)** Luke Apostolides      **Grade** 11      **Town** Greenwich

Award	Maple software - For Excellence in Mathematics		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Natural Function Restrictions, Identities, and Properties to Determine Finite Cardinalities of Solutions for Real-Valued Functions Projected onto Natural Space		
Proj. No.	6066		
Student(s)	Praneeth Chitirala	Grade 10	Town Milford

### MIT Club of Hartford K-12 Initiative

Award	For excellence in science & technology of energy related research, high school, \$100 cash award		
School	Amity Regional High School	Woodbridge	Catherine Piscitelli
Project Title	Creating a Smaller and More Portable Vertical Axis Wind Turbine to Increase Accessibility and Usage of Wind Energy Harvesting Devices		
Proj. No.	6039		
Student(s)	Brodey Lu	Grade 11	Town Orange

Award	For excellence in science & technology of energy related research, middle school, \$100 cash award		
School	Fields Memorial School	Bozrah	Mrs. Brown
Project Title	Electrical Testing Board For Energy Consumption		
Proj. No.	5007		
Student(s)	Andrew Pagnotta	Grade 7	Town Bozrah

### Mu Alpha Theta

Award	Certificate, \$25 gift card given by CSEF		
School	Guilford High School	Guilford	Luke Rosnick
Project Title	Assessing the relationship between COVID-19 prevalence and optimal pool testing size		
Proj. No.	6001		
Student(s)	Jerry Li	Grade 11	Town Guilford

Award	Certificate, \$25 gift card given by CSEF		
School	East Lyme High School	East Lyme	Frederic Clark
Project Title	Examining the Relationship Between Labor Cost and Firm Strategy Through Mixed Methods Content Analysis on Panel Data and SEC Filings		
Proj. No.	6065		
Student(s)	Aditya Kabra	Grade 11	Town Niantic

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	Natural Function Restrictions, Identities, and Properties to Determine Finite Cardinalities of Solutions for Real-Valued Functions Projected onto Natural Space		
<b>Proj. No.</b>	6066		
<b>Student(s)</b>	Praneeth Chitirala	Grade 10	Town Milford

### NASA EARTH System Science Award

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Bi-Cultural Hebrew Academy	Stamford	Christopher Graseck
<b>Project Title</b>	Studying Four Climate Change Factors that Impact Plant Growth		
<b>Proj. No.</b>	1006		
<b>Student(s)</b>	David Isaacs	Grade 7	Town Stamford
	Gabriel Haron	Grade 7	Town Stamford

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Fishers Island School	Fishers Island	Carol Giles
<b>Project Title</b>	Exploring Earthworm Ecotypes: Carbon Source or Sink?		
<b>Proj. No.</b>	3009		
<b>Student(s)</b>	Lillian Kane	Grade 12	Town Groton

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Joel Barlow High School	Redding	Paul Testa
<b>Project Title</b>	The Effect of Various Ammonium Nitrate Concentrations on Rates of Transpiration in Phaseolus lunatus to Ameliorate Drought Tolerance		
<b>Proj. No.</b>	6048		
<b>Student(s)</b>	Reed Cooper	Grade 11	Town Easton

### National Center for Inquiry Learning

<b>Award</b>	Danielle & Maggie Award for Imagination - MS \$100		
<b>School</b>	Fields Memorial School	Bozrah	Evelyn Brown
<b>Project Title</b>	How efficient is aquaponics compared to traditional soil-based farming?		
<b>Proj. No.</b>	2004		
<b>Student(s)</b>	Sarah Martin	Grade 7	Town Bozrah

<b>Award</b>	Danielle & Maggie Award for Imagination - MS \$100		
<b>School</b>	Westside Middle School Academy	Danbury	Jon Neuhausel
<b>Project Title</b>	The Effect of Bee Box Volume Size on Temperature and Humidity of a Wintering Bee Hive.		
<b>Proj. No.</b>	2007		
<b>Student(s)</b>	Luca LaRosa	Grade 7	Town Danbury

### National Oceanic and Atmospheric Administration

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Multicultural Magnet School	Bridgeport	Corina Starn
<b>Project Title</b>	Microplastic Concentration in Four Harbor Locations in Fairfield County, CT		
<b>Proj. No.</b>	2517		
<b>Student(s)</b>	Sofia Atehortua	Grade 8	Town Bridgeport

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Guilford High School	Guilford	Dr. James Carlson
<b>Project Title</b>	Developing a More Consistent Renewable Energy Source		
<b>Proj. No.</b>	6023		
<b>Student(s)</b>	Michael Neiss	Grade 10	Town Guilford

<b>Award</b>	Certificate and \$25 gift card given by CSEFF		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Design of a MFe2O4/Bentonite/Graphite Coated Polyurethane Sponge for Economical and Eco-Friendly Oil Spill Recovery		
<b>Proj. No.</b>	6058		
<b>Student(s)</b>	Autumn Kim	Grade 12	Town Greenwich

### NYUC Pony Club Equine Award

<b>Award</b>	\$100 Cash Award or excellence in equine studies		
<b>School</b>	Westside Middle School Academy	Danbury	Jonathan Neuhausel
<b>Project Title</b>	The Effect of UV Light on Bacteria From a Horse Bit		
<b>Proj. No.</b>	2011		
<b>Student(s)</b>	Sophia Blumenreich	Grade 7	Town Danbury

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

<b>Award</b>	High School- Certificate, \$75.00 gift card given by ONR		
<b>School</b>	Greens Farms Academy	Westport	Mathieu Freeman
<b>Project Title</b>	The Fabrication of a Cost-Effective Paper LIB with Increased Voltage and Longevity		
<b>Proj. No.</b>	6021		
<b>Student(s)</b>	Jackson Rassias	Grade 12	Town Fairfield

<b>Award</b>	High School- Certificate, \$75.00 gift card given by ONR		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Increasing Aerofoil Lift via Artificial Amplification of the Coanda Effect using Heat		
<b>Proj. No.</b>	6040		
<b>Student(s)</b>	Timothy Drinkall	Grade 12	Town Old Greenwich

<b>Award</b>	High School- Certificate, \$75.00 gift card given by ONR		
<b>School</b>	Fairfield College Preparatory School	Fairfield	Anthony Dotolo
<b>Project Title</b>	Natural Lubricant Substitute for Railroad Applications.		
<b>Proj. No.</b>	6042		
<b>Student(s)</b>	David Boudreau	Grade 11	Town Ansonia

<b>Award</b>	High School- Certificate, \$75.00 gift card given by ONR		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Design of a MFe2O4/Bentonite/Graphite Coated Polyurethane Sponge for Economical and Eco-Friendly Oil Spill Recovery		
<b>Proj. No.</b>	6058		
<b>Student(s)</b>	Autumn Kim	Grade 12	Town Greenwich

<b>Award</b>	High School- Certificate, \$75.00 gift card given by ONR		
<b>School</b>	Choate Rosemary Hall	Wallingford	Kyle Di Tieri
<b>Project Title</b>	Development of an autonomously driving robot which can remotely scan body temperature to screen for COVID-19		
<b>Proj. No.</b>	6063		
<b>Student(s)</b>	Ryan Kim	Grade 10	Town Wallingford



**Award** High School- Certificate, \$75.00 gift card given by ONR

**School** **Greenwich High School** **Greenwich** **Andrew Bramante**

**Project Title** Design of a Wearable, Self-Powered, and Supercapacitor Energy-Storing Biosensor for Non-invasive Real Time Blood Alcohol Monitoring via Sweat

**Proj. No.** **6070**

**Student(s)** Madeline Minichetti **Grade** 10 **Town** Greenwich

**Award** High School- Certificate, \$75.00 gift card given by ONR

**School** **Saint Bernard School** **Uncasville** **Nicole Nelson**

**Project Title** The Hat and the Mouse: A Practical Hands-Free Method to Control a Personal Computer

**Proj. No.** **6087**

**Student(s)** Payton Noe **Grade** 10 **Town** East Lyme

**Award** Middle School- Certificate, \$25 gift card given by CSEF

**School** **Dodd Middle School** **Cheshire** **Clare Gonzalez**

**Project Title** A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor

**Proj. No.** **5002**

**Student(s)** Suchita Srinivasan **Grade** 7 **Town** Cheshire, CT

**Award** Middle School- Certificate, \$25 gift card given by CSEF

**School** **Westside Middle School Academy** **Danbury** **Jonathan Neuhausel**

**Project Title** Using Snell's Law to Calculate Index of Refraction of Solutions

**Proj. No.** **5009**

**Student(s)** Sydney Borst **Grade** 7 **Town** Danbury

**Award** Middle School- Certificate, \$25 gift card given by CSEF

**School** **St. Michael School** **Pawcatuck** **Anna Grossomanides**

**Project Title** How much water can a Solar-powered water desalination unit produce?

**Proj. No.** **5505**

**Student(s)** Cameron Cornelius **Grade** 8 **Town** Bradford

### Project Oceanology

<b>Award</b>	Individual - 1 Ocean Camp slot + T-Shirt & cap, First Place Junior		
<b>School</b>	Multicultural Magnet School	Bridgeport	Corina Starn
<b>Project Title</b>	Microplastic Concentration in Four Harbor Locations in Fairfield County, CT		
<b>Proj. No.</b>	2517		
<b>Student(s)</b>	Sofia Atehortua	Grade 8	Town Bridgeport

<b>Award</b>	Individual - 1 Ocean Camp slot + T-Shirt & cap, First Place Senior		
<b>School</b>	Sacred Heart Greenwich	Greenwich	Joan Fei
<b>Project Title</b>	Testing an Activated Carbon Cloth Filter to Reduce the Prevalence of Phosphates and Nitrates in the Long Island Sound		
<b>Proj. No.</b>	6041		
<b>Student(s)</b>	Abby Barnett	Grade 11	Town Darien

### Regeneron Biomedical Science Award

<b>Award</b>	Certificate & \$500.00 cash		
<b>School</b>	Greenwich High School	Greenwich	Mr. Andrew Bramante
<b>Project Title</b>	Prolonged, Smart Treatment of Multi-Drug Resistant Bacteria of Chronic Wounds via an EGCG-AgNP HydroMed Dressing		
<b>Proj. No.</b>	3111		
<b>Student(s)</b>	Yurika Sakai	Grade 10	Town Greenwich

### Ricoh Americas Corporation

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Chiaravalle Academy	Enfield	Mr. Coleman
<b>Project Title</b>	Agricultural Plants reaction to Climate Change		
<b>Proj. No.</b>	1004		
<b>Student(s)</b>	Maya Serrano	Grade 8	Town Somers
	Joella Asapokhai	Grade 8	Town South Windsor
	Alexandria Croal	Grade 8	Town Enfield

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Westside Middle School Academy	Danbury	Jon Neuhausel
<b>Project Title</b>	The Effect of Bee Box Volume Size on Temperature and Humidity of a Wintering Bee Hive.		
<b>Proj. No.</b>	2007		
<b>Student(s)</b>	Luca LaRosa	Grade 7	Town Danbury

<b>Award</b>	Certificate, \$25 gift card given by CSEF		
<b>School</b>	Bethel High School	Bethel	Raymond Turek
<b>Project Title</b>	The Effect of Nondiscrimination Legislation on LGBT Students		
<b>Proj. No.</b>	3019		
<b>Student(s)</b>	Sophie Morris	Grade 12	Town Bethel

### Robert Francoeur Memorial Award

<b>Award</b>	Creative or innovative project in engineering or computer science by female students - \$200		
<b>School</b>	Dodd Middle School	Cheshire	Clare Gonzalez
<b>Project Title</b>	A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor		
<b>Proj. No.</b>	5002		
<b>Student(s)</b>	Suchita Srinivasan	Grade 7	Town Cheshire, CT

<b>Award</b>	Creative or innovative project in engineering or computer science by female students - \$200		
<b>School</b>	Manchester High School	Manchester	Wendy Turek
<b>Project Title</b>	Lego Prosthetic Arm		
<b>Proj. No.</b>	6033		
<b>Student(s)</b>	Hina Naeem	Grade 12	Town Manchester

### Samantha Freeman Award for Excellence in Sports Science or Engineering

<b>Award</b>	For Excellence in Sports Science or Engineering by a High School student, \$150 cash		
<b>School</b>	East Lyme High School	East Lyme	Frederic Clark
<b>Project Title</b>	Two Speed Mechanical BMX Race Gearbox		
<b>Proj. No.</b>	6010		
<b>Student(s)</b>	Jacob Hatt	Grade 10	Town Salem

**Award** For Excellence in Sports Science or Engineering by a Middle School student, \$100 cash

**School** **Talcott Mountain Academy** **Avon** **John Pellino**

**Project Title** Tennis Ball Disinfectant

**Proj. No.** **5014**

**Student(s)** Sia Reddy **Grade** 7 **Town** Avon

### Schoepfer Award for Excellence in Local Aquatic Science

**Award** For excellence in a local water quality study, \$100 cash

**School** **Environmental Sciences Magnet School** **Hartford** **Mrs. Hays**

**Project Title** COVID-19's Impact on Water Quality in Recreational Areas Along the Long Island Sound Coastline

**Proj. No.** **2510**

**Student(s)** Isabella D'Agostino **Grade** 8 **Town** New Brittan

### Society for In Vitro Biology

**Award** Certificate and \$25 gift card given by CSEF

**School** **Joel Barlow High School** **Redding** **Paul Testa**

**Project Title** The Use of Pleurotus Ostreatus As Mycoremediation for Poly-Lactic Acid Plastic In Landfills.

**Proj. No.** **3004**

**Student(s)** Alexis Ogrinz **Grade** 11 **Town** Easton

**Award** Certificate and \$25 gift card given by CSEF

**School** **King School** **Stamford** **Victoria Schulman**

**Project Title** Non-Canonical Base Pairing in Self-Assembling DNA Crystals

**Proj. No.** **3084**

**Student(s)** William Bernfeld **Grade** 11 **Town** Stamford

**Award** Certificate and \$25 gift card given by CSEF

**School** **Kent School** **Kent** **Jesse Klingebiel**

**Project Title** Examining the energy efficiency of variations of Synechocystis nigrescens and Shewanella oneidensis bioinks in biophotovoltaic cells

**Proj. No.** **3086**

**Student(s)** Youngju Jang **Grade** 11 **Town** Holbrook

### Society of Women Engineers - Hartford Section

Award	Scientific Calculator		
School	Westside Middle School Academy	Danbury	Jon Neuhausel
Project Title	Thermoelastic energy generation using variable temperature gradients		
Proj. No.	5006		
Student(s)	Kiran Suri	Grade 7	Town Danbury

Award	Scientific Calculator		
School	Engineering & Science University Magnet	New Haven	Roger Rushworth
Project Title	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
Proj. No.	5501		
Student(s)	Snigtha Mohanraj	Grade 8	Town Ansonia

Award	Scientific Calculator		
School	Westside Middle School Academy	Danbury	Jon Neuhausel
Project Title	The Effect of River Medium on River Erosion		
Proj. No.	5512		
Student(s)	Benjamin Chaleski	Grade 8	Town Danbury

Award	Scientific Calculator		
School	Christian Heritage School	Trumbull	Daniel Cote
Project Title	Renewable Energy: Converting Vibrational Motion from a Bridge into Electrical Energy		
Proj. No.	6014		
Student(s)	Natania Muriel	Grade 11	Town Shelton

### Southeastern New England Marine Educators (SEMEME)

Award	\$100 award and membership in SEMEME - 1st Place Junior & T-Shirt		
School	Environmental Sciences Magnet School	Hartford	Mrs. Hays
Project Title	COVID-19's Impact on Water Quality in Recreational Areas Along the Long Island Sound Coastline		
Proj. No.	2510		
Student(s)	Isabella D'Agostino	Grade 8	Town New Brittan

<b>Award</b>	\$100 award and membership in SENEME - 1st Place Senior & T-Shirt		
<b>School</b>	<b>Greens Farms Academy</b>	<b>Westport</b>	<b>Mathieu Freeman</b>
<b>Project Title</b>	The Effect of pH on Chlorophyll-a Concentration and the Net Primary Productivity of Phytoplankton		
<b>Proj. No.</b>	<b>6026</b>		
<b>Student(s)</b>	Lucy Nelson	<b>Grade</b> 12	<b>Town</b> Westport

### Stockholm Junior Water Prize

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	<b>Choate Rosemary Hall</b>	<b>Wallingford</b>	<b>Jan Cook</b>
<b>Project Title</b>	Combatting Nitrogen Pollution and Eutrophication Using Denitrifying Bioreactors		
<b>Proj. No.</b>	<b>3014</b>		
<b>Student(s)</b>	Jessica Wu	<b>Grade</b> 11	<b>Town</b> Wilton

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	<b>Greenwich High School</b>	<b>Greenwich</b>	<b>Andrew Bramante</b>
<b>Project Title</b>	Eco-friendly Remediation of Arsenic from Contaminated Water Resources Using Iron Fortified Spinach Roots and Biochar		
<b>Proj. No.</b>	<b>6018</b>		
<b>Student(s)</b>	Elizabeth Wallace	<b>Grade</b> 10	<b>Town</b> Greenwich

<b>Award</b>	Certificate, \$25 gift card by CSEF, possible advance to further competition		
<b>School</b>	<b>Sacred Heart Greenwich</b>	<b>Greenwich</b>	<b>Joan Fei</b>
<b>Project Title</b>	Testing an Activated Carbon Cloth Filter to Reduce the Prevalence of Phosphates and Nitrates in the Long Island Sound		
<b>Proj. No.</b>	<b>6041</b>		
<b>Student(s)</b>	Abby Barnett	<b>Grade</b> 11	<b>Town</b> Darien

### Susan and Stanley Lessoff Memorial Award

<b>Award</b>	Susan and Stanley Lessoff Memorial Award - \$250 Cash and Plaque HS		
<b>School</b>	<b>Danbury High School</b>	<b>Danbury</b>	<b>Karen Lamb</b>
<b>Project Title</b>	Utilizing Machine learning to Analyze Twitter posts and Predict the Election Outcome		
<b>Proj. No.</b>	<b>6079</b>		
<b>Student(s)</b>	Shriya Jonnalagadda	<b>Grade</b> 9	<b>Town</b> Danbury

**Award** Susan and Stanley Lessoff Memorial Award - \$250 Cash and Plaque MS

**School** St. Michael School

**Pawcatuck**

**Anna-Helene Grossomanides**

**Project Title** Remote Learning on a Budget

**Proj. No.** 5008

**Student(s)** Joseph Benin

**Grade** 7

**Town** Pawcatuck

### Susan Lessoff Award for Excellence In Chemistry

**Award** Susan Lessoff Excellence In Chemistry Award -\$100 Cash and Plaque- Middle School

**School** Fields Memorial School

**Bozrah**

**Mrs. Brown**

**Project Title** Electrical Testing Board For Energy Consumption

**Proj. No.** 5007

**Student(s)** Andrew Pagnotta

**Grade** 7

**Town** Bozrah

**Award** Susan Lessoff Excellence In Chemistry Award -\$200 Cash and Plaque - High School

**School** Greenwich High School

**Greenwich**

**Andrew Bramante**

**Project Title** Rapid, Noninvasive, Fluorescence-Based Detection for Elevated Levels of Nitric Oxide in Exhaled Breath, As a Marker for Hazardous PM2.5 Exposure

**Proj. No.** 3037

**Student(s)** Ambika Grover

**Grade** 10

**Town** Riverside

### Talcott Mountain Science Center & Academy

**Award** Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Life Science

**School** Madina Academy

**Windsor**

**Mr. Timothy Coleman**

**Project Title** Building and Testing a Simple Portable Constructed Wetland to Purify Greywater

**Proj. No.** 2515

**Student(s)** Tasneem Zoghol

**Grade** 8

**Town** Enfield

**Award** Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Phys Science

**School** Dodd Middle School

**Cheshire**

**Clare Gonzalez**

**Project Title** Separation of Food Dyes Via Column Chromatography

**Proj. No.** 5005

**Student(s)** Adwitha Gadhachanda

**Grade** 7

**Town** Cheshire

**The Goodwin-Niering Center for the Environment**

<b>Award</b>	\$100 for "Excellence in Environmental Conservation Studies"		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Design of a MFe <sub>2</sub> O <sub>4</sub> /Bentonite/Graphite Coated Polyurethane Sponge for Economical and Eco-Friendly Oil Spill Recovery		
<b>Proj. No.</b>	6058		
<b>Student(s)</b>	Autumn Kim	Grade 12	Town Greenwich

**TurnKey Compliance Solutions Environmental Awards**

<b>Award</b>	\$200 Cash Award Middle School- For excellence in environmental sciences		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
<b>Proj. No.</b>	5501		
<b>Student(s)</b>	Snigtha Mohanraj	Grade 8	Town Ansonia

<b>Award</b>	\$300 Cash Award High School- For excellence in environmental sciences		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Low-Pressure Application of Metal Nanoparticles to Soybean Seeds to Provide Increased Resistance to <i>Fusarium virguliforme</i>		
<b>Proj. No.</b>	3025		
<b>Student(s)</b>	Uma Pendkar	Grade 12	Town Old Greenwich

**U.S. Agency for International Development (USAID)**

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Fields Memorial School	Bozrah	Evelyn Brown
<b>Project Title</b>	How efficient is aquaponics compared to traditional soil-based farming?		
<b>Proj. No.</b>	2004		
<b>Student(s)</b>	Sarah Martin	Grade 7	Town Bozrah

<b>Award</b>	Certificate and \$25 gift card given by CSEF		
<b>School</b>	Bridgeport Regional Aquaculture Center	Bridgeport	Mr. Kirk Shadle
<b>Project Title</b>	Developing an Adhesive Constructed from a Maize starch-based matrix Mixed with Chondrus crispus Carrageenan and Determining the Biodegradability of the Adhesive		
<b>Proj. No.</b>	3024		
<b>Student(s)</b>	Matthew Duffy	Grade 12	Town Fairfield



Award Certificate and \$25 gift card given by CSEF

School **Canton High School**

**Canton**

**Marsha Jorgensen**

Project Title Allelopathic Effects of Invasive Species Garlic Mustard (*Alliaria petiolata*) on Germination of Black Eyed Susan (*Rudbeckia hirta*)

Proj. No. **3044**

Student(s) Lauren Marze

Grade 9

Town Canton

### U.S. Air Force

Award Certificate & \$25 gift card from CSEF

School **Westside Middle School Academy**

**Danbury**

**Jon Neuhausel**

Project Title Thermoelastic energy generation using variable temperature gradients

Proj. No. **5006**

Student(s) Kiran Suri

Grade 7

Town Danbury

Award Certificate & \$25 gift card from CSEF

School **Fields Memorial School**

**Bozrah**

**Mrs. Brown**

Project Title Electrical Testing Board For Energy Consumption

Proj. No. **5007**

Student(s) Andrew Pagnotta

Grade 7

Town Bozrah

Award Certificate & \$25 gift card from CSEF

School **Amity Regional High School**

**Woodbridge**

**Catherine Piscitelli**

Project Title Designing a Ground Collision Avoidance System to Inhibit Controlled Flight Into Terrain Accidents For Single Engine Aircraft

Proj. No. **6057**

Student(s) Mason Beaudette

Grade 11

Town Orange

### U.S. Metric Association

Award Certificate & \$25 gift card given by CSEF

School **Westside Middle School Academy**

**Danbury**

**Jonathan Neuhausel**

Project Title The Effects of Concentrations of Acetone on the Tensile Strength of Bioplastics

Proj. No. **5511**

Student(s) Eric Guo

Grade 8

Town Danbury

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>Brunswick School</b>	<b>Greenwich</b>	<b>Dana Montanez</b>
<b>Project Title</b>	Towards Clean Energy via Radioactivity: An Investigation of the Dissipation of Electrons in an Ultra High Vacuum Environment		
<b>Proj. No.</b>	<b>6044</b>		
<b>Student(s)</b>	Luke Apostolides	<b>Grade</b> 11	<b>Town</b> Greenwich

<b>Award</b>	Certificate & \$25 gift card given by CSEF		
<b>School</b>	<b>Greenwich High School</b>	<b>Greenwich</b>	<b>Andrew Bramante</b>
<b>Project Title</b>	Design of a Wearable, Self-Powered, and Supercapacitor Energy-Storing Biosensor for Non-invasive Real Time Blood Alcohol Monitoring via Sweat		
<b>Proj. No.</b>	<b>6070</b>		
<b>Student(s)</b>	Madeline Minichetti	<b>Grade</b> 10	<b>Town</b> Greenwich

### University of Connecticut - Early College Experience

<b>Award</b>	UCONN Early College Experience Program: Frontiers in Science - Co-Op \$100 Gift Certificate		
<b>School</b>	<b>Kent School</b>	<b>Kent</b>	<b>Michael Green</b>
<b>Project Title</b>	Influence of magnetic field on the viscosity of fluids doped with conducting and non-conducting particulates		
<b>Proj. No.</b>	<b>6089</b>		
<b>Student(s)</b>	Shaun Gu	<b>Grade</b> 11	<b>Town</b> Beijing

<b>Award</b>	UCONN Early College Experience Program: Life Sciences - Co-Op \$100 Gift Certificate		
<b>School</b>	<b>Fishers Island School</b>	<b>Fishers Island</b>	<b>Carol Giles</b>
<b>Project Title</b>	Exploring Earthworm Ecotypes: Carbon Source or Sink?		
<b>Proj. No.</b>	<b>3009</b>		
<b>Student(s)</b>	Lillian Kane	<b>Grade</b> 12	<b>Town</b> Groton

<b>Award</b>	UCONN Early College Experience Program: Physical Sciences - Co-Op \$100 Gift Certificat		
<b>School</b>	<b>Fairfield College Preparatory School</b>	<b>Fairfield</b>	<b>Anthony Dotolo</b>
<b>Project Title</b>	Natural Lubricant Substitute for Railroad Applications.		
<b>Proj. No.</b>	<b>6042</b>		
<b>Student(s)</b>	David Boudreau	<b>Grade</b> 11	<b>Town</b> Ansonia

**University of Connecticut Academic Excellence Scholarship**

<b>Award</b>	Academic Excellence Physical Sci. scholarship - \$7,500 /year, four academic years- (\$30,000 total)		
<b>School</b>	Amity Regional High School	Woodbridge	Catherine Piscitelli
<b>Project Title</b>	Development of a Low-Cost, Expandable Boot Aimed to Adjust to Multiple Sizes and Last Multiple Years.		
<b>Proj. No.</b>	6024		
<b>Student(s)</b>	Aditi Chalasani	Grade 11	Town Orange

**University of Hartford Scholarships**

<b>Award</b>	University of Hartford Scholarship- For Excellence in Engineering, or Technology, \$27,000		
<b>School</b>	Christian Heritage School	Trumbull	Dan Cote
<b>Project Title</b>	Design and Fabrication of a Thermoelectric Generator to Charge a Phone Using Simple Fuels for Remote Areas		
<b>Proj. No.</b>	6020		
<b>Student(s)</b>	Nathan Nagel	Grade 11	Town Caucasian/White

<b>Award</b>	University of Hartford Scholarship- For Excellence in Engineering, or Technology, \$27,000		
<b>School</b>	Sacred Heart Greenwich	Greenwich	Joan Fei
<b>Project Title</b>	Testing an Activated Carbon Cloth Filter to Reduce the Prevalence of Phosphates and Nitrates in the Long Island Sound		
<b>Proj. No.</b>	6041		
<b>Student(s)</b>	Abby Barnett	Grade 11	Town Darien

<b>Award</b>	University of Hartford Scholarship- For Excellence in Science or Mathematics \$27,000		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Role of ICAM-1 in Facilitating Leukocyte Migration Across the Blood-Brain Barrier in the Progression of Multiple Sclerosis		
<b>Proj. No.</b>	3085		
<b>Student(s)</b>	Prathit Kurup	Grade 11	Town Riverside

<b>Award</b>	University of Hartford Scholarship- For Excellence in Science or Mathematics \$27,000		
<b>School</b>	Choate Rosemary Hall	Wallingford	Jan Cook
<b>Project Title</b>	Combatting Nitrogen Pollution and Eutrophication Using Denitrifying Bioreactors		
<b>Proj. No.</b>	3014		
<b>Student(s)</b>	Jessica Wu	Grade 11	Town Wilton

**University of New Haven Scholarship Awards**

<b>Award</b>	University of New Haven 4 year scholarship - \$80,000 (\$20,000 per year)		
<b>School</b>	Manchester High School	Manchester	Wendy Turek
<b>Project Title</b>	The Effects of Bacillus and Trichoderma Inoculant and Lepidum Sativum on		
<b>Proj. No.</b>	3032	the pH and Microbial Recolonization of Low Intensity Burned Soil	
<b>Student(s)</b>	Alexandra Hamza	Grade 11	Town Manchester

<b>Award</b>	University of New Haven 4 year scholarship - \$80,000, \$20,000 per year)		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	Gravity-Assisted Energy Conversion: Improving the Feasibility of Mechanically Powered Electricity Generators		
<b>Proj. No.</b>	6032		
<b>Student(s)</b>	Aiman-Imran Anuar	Grade 11	Town West Haven

**Urban School Challenge 1st Place Middle School Awards**

<b>Award</b>	USC Highest Placing 7th grader- Project Oceanology's Ocean Camp		
<b>School</b>	Westside Middle School Academy	Danbury	Jonathan Neuhausel
<b>Project Title</b>	Using Snell's Law to Calculate Index of Refraction of Solutions		
<b>Proj. No.</b>	5009		
<b>Student(s)</b>	Sydney Borst	Grade 7	Town Danbury

<b>Award</b>	USC Highest Placing 8th grader- Project Oceanology's Ocean Camp		
<b>School</b>	Engineering & Science University Magnet	New Haven	Roger Rushworth
<b>Project Title</b>	Implementation of Metal-Oxide-Induced Agglomeration and Electromagnetic Filtration for Removal of Microplastics		
<b>Proj. No.</b>	5501		
<b>Student(s)</b>	Snigtha Mohanraj	Grade 8	Town Ansonia

**Vanderbilt Chemicals, LLC**

<b>Award</b>	Vanderbilt Chemicals Award for Excellence in Tribology and Sustainable Lubrication		
<b>School</b>	Fairfield College Preparatory School	Fairfield	Anthony Dotolo
<b>Project Title</b>	Natural Lubricant Substitute for Railroad Applications.		
<b>Proj. No.</b>	6042		
<b>Student(s)</b>	David Boudreau	Grade 11	Town Ansonia

### 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>	Brunswick School	Greenwich	Dana Montanez
<b>Project Title</b>	Towards Clean Energy via Radioactivity: An Investigation of the Dissipation of Electrons in an Ultra High Vacuum Environment		
<b>Proj. No.</b>	6044		
<b>Student(s)</b>	Luke Apostolidis	Grade 11	Town Greenwich

### Wisner Chairman's Award

<b>Award</b>	\$500 cash & plaque HS		
<b>School</b>	Amity Regional High School	Woodbridge	Catherine Piscitelli
<b>Project Title</b>	Designing a Ground Collision Avoidance System to Inhibit Controlled Flight Into Terrain Accidents For Single Engine Aircraft		
<b>Proj. No.</b>	6057		
<b>Student(s)</b>	Mason Beaudette	Grade 11	Town Orange

<b>Award</b>	\$500 cash & plaque MS		
<b>School</b>	Westside Middle School Academy	Danbury	Jon Neuhausel
<b>Project Title</b>	Thermoelastic energy generation using variable temperature gradients		
<b>Proj. No.</b>	5006		
<b>Student(s)</b>	Kiran Suri	Grade 7	Town Danbury

### Wisner Memorial Award

<b>Award</b>	\$1,000 cash + Silver Bowl (\$2,000 cash if a team) High School		
<b>School</b>	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
<b>Project Title</b>	Harnessing Bio-Kinetic Energy Through A Wearable Non-Invasive Generator		
<b>Proj. No.</b>	6016		
<b>Student(s)</b>	Alexander Vassallo	Grade 12	Town Fairfield

### Yale Science & Engineering Association, Inc.

<b>Award</b>	1 Certificate, Medallion and 1- \$25 gift card given by CSEF		
<b>School</b>	Greenwich High School	Greenwich	Andrew Bramante
<b>Project Title</b>	Inhibition of Covid-19 Respiratory Complications Via an R-954 Peptide Bradykinin 1 Receptor Antagonist		
<b>Proj. No.</b>	3107		
<b>Student(s)</b>	Ella Moore	Grade 11	Town Greenwich

### Zepke Awards

<b>Award</b>	\$100 - For the Best Use of Electronic Circuitry- Middle School		
<b>School</b>	Dodd Middle School	Cheshire	Clare Gonzalez
<b>Project Title</b>	A Covid-19 Social Distancing Device Using a PIR Motion Sensor and a US-100 Ultrasonic Distance Sensor		
<b>Proj. No.</b>	5002		
<b>Student(s)</b>	Suchita Srinivasan	Grade 7	Town Cheshire, CT

<b>Award</b>	\$125 - For the Best Use of Electronic Circuitry- Senior High		
<b>School</b>	Westminster School	Simsbury	Susie Bailey
<b>Project Title</b>	Hazel, an olfactory mood enhancer, alarm clock, and safety monitor		
<b>Proj. No.</b>	6085		
<b>Student(s)</b>	Jiwoong Park	Grade 12	Town Brooklyn