



Conn. Science & Engineering Fair
Quinnipiac University
March 12 - 17, 2018

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 Junior, Environmental Research, air pollution related

School **Multicultural Magnet School** **Bridgeport** **Corina Ciuflea**

Project Title An Invisible Enemy That Kills

Proj. No. **2532**

Student(s) John Paul Atehortua **Grade** 8 **Town** Bridgeport

Award \$100 Junior, Environmental Research, waste recycling related

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

Project Title Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup

Proj. No. **2537**

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

Award \$100 Senior, Environmental Research, air pollution related

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

Project Title Ambient Carbon Dioxide Capture and Purified Gas Release Using Asphalt-Waste Derived, Porous Carbon Filtration

Proj. No. **6079**

Student(s) Melissa Woo **Grade** 10 **Town** Riverside

Award \$100 Senior, Environmental Research, waste recycling related

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

Project Title Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria

Proj. No. **3064**

Student(s) Bennett Hawley **Grade** 11 **Town** Cos Cob

Alumni Botany Awards

Award Alumni High School Botany Award- \$100 Cash

School **Amity Regional High School** **Woodbridge** **Deborah Day**

Project Title The Effect of Sea Level Rise and Salt Marsh Change on the Population of Uca Pugnax

Proj. No. **3111**

Student(s) Natalie Prinz **Grade** 10 **Town** Bethany

Award	Alumni Middle School Botany Award- \$100 Cash		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Do different species of tree's growth patterns vary when looking at their growth rings?		
Proj. No.	2024		
Student(s)	Norah Tracy	Grade 7	Town Bozrah

American Institute of Aeronautics & Astronautics - Connecticut Section

Award	\$200 award, certificate		
School	Bethel High School	Bethel	Mr. Turek
Project Title	Lowering SLS Costs with Preexisting Solid Rocket Boosters		
Proj. No.	6049		
Student(s)	Ryan Lemone	Grade 10	Town Bethel

Award	\$200 award, certificate		
School	Academy of Aerospace and Engineering	Windsor	Dr. Michelle Bellinger
Project Title	Undulated Leading-Edge Airfoils in Low to Medium Reynolds Number Regime		
Proj. No.	6066		
Student(s)	Keshav Vedula	Grade 12	Town Windsor

American Meteorological Society

Award	Certificate & \$25 Amazon gift card given by CSEF		
School	Christian Heritage School	Trumbull	Theresa Miller
Project Title	Aqua-Safe: Helping the World, One Bucket at a Time		
Proj. No.	5510		
Student(s)	Alec Mota	Grade 8	Town Derby

Award	Certificate & \$25 Amazon gift card given by CSEF		
School	St. Thomas Aquinas Catholic School	Fairfield	Philip Flynn
Project Title	What Whitens your Teeth the Best		
Proj. No.	1006		
Student(s)	Kathryn Fitzgerald	Grade 7	Town Fairfield
	Elliana Gallagi	Grade 7	Town Fairfield

Award Certificate & \$25 Amazon gift card given by CSEF

School Weston Middle School

Weston

Melanie Welsh

Project Title Insecticide or Suicide? Creating and Comparing Natural and Unnatural Insecticides

Proj. No. 1008

Student(s) Nicole Satanovsky **Grade** 8 **Town** Weston

Konstantina Gotouhidis **Grade** 8 **Town** Weston

Award Certificate & \$25 Amazon gift card given by CSEF

School Greenwich Catholic School

Greenwich

Lutz

Project Title Hydrogen Power

Proj. No. 2020

Student(s) Sebastian Henao **Grade** 7 **Town** Stamford

Award Certificate & \$25 Amazon gift card given by CSEF

School Westside Middle School academy

Danbury

Jonathan Nuehausenl

Project Title How can forest fires help soil regain their nutrition, and let the plant grow taller?

Proj. No. 2510

Student(s) Alex Morquecho **Grade** 8 **Town** Danbury

Award Certificate & \$25 Amazon gift card given by CSEF

School St. Aloysius School

New Canaan

Deborah Phillips

Project Title More Water, Less Carbon.

Proj. No. 5012

Student(s) Jackson Saucedo **Grade** 7 **Town** Darien

American Psychological Association

Award Certificate, \$25 gift card to Amazon given by CSEF

School Environmental Sciences Magnet School at

Hartford

Mrs. Hays

Project Title Memorizing With Music

Proj. No. 2022

Student(s) Maria Amisano **Grade** 7 **Town** East Granby

Award	Certificate, \$25 gift card to Amazon given by CSEF		
School	CT STEM FAIR - Amity Regional High School	Redding	Deborah Day
Project Title	The Effect of Misophonia on Selective Attention Control		
Proj. No.	3024		
Student(s)	Hannah Rappaport	Grade 12	Town Orange

Award	Certificate, \$25 gift card to Amazon given by CSEF		
School	Wilbur Cross High School	New Haven	Nick Farrell & Joseph Zebrowski
Project Title	Do rewards affect neuro-electrical resistance?		
Proj. No.	3059		
Student(s)	Carlin Eswarakumar	Grade 11	Town New Haven

American Society for Metals - Hartford Chapter

Award	\$100 Check		
School	St. Mark School	Stratford	Mrs. Linn Olins
Project Title	Rust-Acidity (How do different levels of acid rain affect some kinds of iron?)		
Proj. No.	5032		
Student(s)	Elizabeth Long	Grade 7	Town Milford

Award	\$100 Check		
School	Shelton High School	Shelton	Lucia Dunham
Project Title	Pumping Iron		
Proj. No.	6062		
Student(s)	Spencer Hatfield	Grade 10	Town Shelton

Award	\$100 Check		
School	Academy of Aerospace and Engineering	Windsor	Dr. Bellinger
Project Title	Effect of Experimental Parameters on Forming Prince Rupert's Drops for Maximum Strength and Toughness.		
Proj. No.	6501		
Student(s)	Srikar Godilla	Grade 11	Town Newington
	Cristian Rodriguez	Grade 11	Town East Hartford

American Society for Quality - Thames Valley Section

Award	\$250 Cash Award		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Use of Regression Analysis to Predict Future Outbreaks of Malaria		
Proj. No.	3049		
Student(s)	Jamison Meindl	Grade 10	Town Riverside

American Society of Safety Engineers, CT Valley Chapter

Award	\$100 grade 7-8 project		
School	St. Joseph School	Danbury	Mrs. Reilly
Project Title	Stunted Growth: How Do Cell phones Affect Plant Growth and Can Certain Materials Prevent It?		
Proj. No.	2512		
Student(s)	Bronwyn Hyland	Grade 8	Town New Fairfield

Award	\$100 grade 7-8 project		
School	St. Gabriel School	Windsor	Meg Rosa
Project Title	How Safe Is Your Water?		
Proj. No.	5029		
Student(s)	Katherine Wilkos	Grade 7	Town Windsor

Award	\$100 grade 7-8 project		
School	Amity Reg Middle School - Bethany Campus	Bethany	Kevin Berean
Project Title	The Rolling Cane		
Proj. No.	5534		
Student(s)	Michael Coyne	Grade 8	Town Woodbridge

Award	\$150 grade 9-12 project		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	From Tobacco to a Chemical Cocktail: A Smoker's E-cigarette Alternative May Lead to Bronchiolitis Obliterans		
Proj. No.	3103		
Student(s)	Hannah Goldenberg	Grade 9	Town Old Greenwich

Award	\$150 grade 9-12 project		
School	Fairchild Wheeler Magnet High School	Bridgeport	Paul Bergquist
Project Title	Extinguishing fire with sound		
Proj. No.	6026		
Student(s)	Kenny Pineda	Grade 10	Town Bridgeport

Award	\$150 grade 9-12 project		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Sinkhole detection using Wireless Sensor Networks and Structural Health Monitoring		
Proj. No.	6099		
Student(s)	Sophia Wang	Grade 10	Town Woodbridge

Arthur Mensing Award

Award	\$1000 cash award for excellence in the physical sciences		
School	Academy of Aerospace and Engineering	Windsor	Dr. Bellinger
Project Title	Effect of Experimental Parameters on Forming Prince Rupert's Drops for Maximum Strength and Toughness.		
Proj. No.	6501		
Student(s)	Srikar Godilla	Grade 11	Town Newington
	Cristian Rodriguez	Grade 11	Town East Hartford

Association for Women Geoscientists

Award	Certificate & \$25 gift card to Amazon given by CSEF		
School	St. Gregory the Great School	Danbury	Christine Fahey
Project Title	Wind vs Water		
Proj. No.	4025		
Student(s)	Anna Flaherty	Grade 8	Town New Fairfield
	Arshei Flores	Grade 8	Town New Milford

Award	Certificate & \$25 gift card to Amazon given by CSEF		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	How Do Variables Impact The Amount of Energy Collected by a Wind Turbine		
Proj. No.	5027		
Student(s)	Alanna Brady	Grade 7	Town Bozrah

Award Certificate, \$25 gift card to Amazon given by CSEF, possible advance to further competition

School **Westside Middle School Academy** **Danbury** **Jonathon Neuhausel**

Project Title Stormwater Pollution: The Effectiveness of Zeolites in Decreasing Levels of Nitrate in Runoff

Proj. No. **5527**

Student(s) Paloma Lenz **Grade** 8 **Town** Danbury

Astronomical Society of Greater Hartford

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

School **Talcott Mountain Academy** **Avon** **Mr. Meredith**

Project Title Black Holes - The Insatiable Hunger

Proj. No. **5030**

Student(s) Alexandros Cooke-Politikos **Grade** 7 **Town** Avon

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

School **St. Joseph High School** **Trumbull** **Shannon Calvert**

Project Title Measuring Stellar Parallax of 61 Cygni

Proj. No. **6034**

Student(s) James Bove **Grade** 12 **Town** Trumbull

ASU Walton Sustainability Solutions Initiatives

Award Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card

School **The Loomis Chaffee School** **Windsor** **Koby Osei-Mensah**

Project Title Combating Food Deserts with Bean Urban Agriculture

Proj. No. **3005**

Student(s) Julianna Lee **Grade** 11 **Town** Windsor

Award Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card

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

Project Title A comparative analysis of the efficiencies of hydroponic and aeroponic systems

Proj. No. **3040**

Student(s) William McLaren **Grade** 10 **Town** Greenwich

Award	Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Open-source, In-field Smartphone Detection and Mapping of Waterborne Diseases via Time-Based Spectroscopic Sensing with a New 3D Printable Optical Interface		
Proj. No.	6033		
Student(s)	Nicholas Liu	Grade 11	Town Greenwich

Award	Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card		
School	Greenwich High School	Greenwich	Mr. Bramante
Project Title	Remediation of Heavy Metal and Fertilizer-Runoff Contaminants using High Throughput, Silk Nanofiber Biomimetic Multilayer Membranes		
Proj. No.	6058		
Student(s)	Nicholas Woo	Grade 11	Town Greenwich

Award	Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	A Novel Heavy Metal Remediation Technique Utilizing a Photocatalyst Driven Graphene-Cupric Oxide Matrix		
Proj. No.	6074		
Student(s)	Catherine Odendahl	Grade 12	Town Trumbull

Award	Certificate-Nomination to Compete in 2018 Sustainability Solutions Festival and \$25 Gift Card		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges		
Proj. No.	6098		
Student(s)	Verna Yin	Grade 11	Town Cos Cob

Banning Family Life Science Award

Award	For excellence in invasive species research, \$100 cash		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Do different species of tree's growth patterns vary when looking at their growth rings?		
Proj. No.	2024		
Student(s)	Norah Tracy	Grade 7	Town Bozrah

Barker Mohandas Awards for Transportation Research

Award	\$100 Cash & Plaque for Excellence in Transportation Related Research- Middle School		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	Using Robotics for Investigating Underwater Habitats		
Proj. No.	5535		
Student(s)	Morgan Tainter	Grade 8	Town Gilman

Award	\$200 Cash & Plaque for Excellence in Transportation Related Research- High School		
School	Goodwin Tech - Green STEP	New Britain	Mr. Donaghy
Project Title	Mag Mover		
Proj. No.	6505		
Student(s)	Nicholas Fusco	Grade 10	Town Bristol
	Jace Lemrise	Grade 10	Town Plainville

Biophysical Society

Award	Biophysics Award- \$100		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	Development of a Mucin Based Biomedical Adhesive Gel		
Proj. No.	3036		
Student(s)	Brian Duffy	Grade 12	Town Fairfield

Bob Harris Fix It Award

Award	\$150 and Certificate for ingenuity in using material and tools		
School	Goodwin Tech - Green STEP	New Britain	Mr. Donaghy
Project Title	Mag Mover		
Proj. No.	6505		
Student(s)	Nicholas Fusco	Grade 10	Town Bristol
	Jace Lemrise	Grade 10	Town Plainville

Connecticut Academy of Audiology

Award \$150 Award MS- For Excellence in Audiology and Acoustics, oport. to shadow an audiologist

School Talcott Mountain Academy Avon John Lombardo

Project Title Acoustic Anomaly Detector

Proj. No. 5542

Student(s) Brendan Glastris Grade 8 Town Burlington

Award \$200 Award HS- For Excellence in Audiology and Acoustics, oport. to shadow an audiologist

School CT STEM FAIR - Amity Regional High School Redding Deborah Day

Project Title The Effect of Misophonia on Selective Attention Control

Proj. No. 3024

Student(s) Hannah Rappaport Grade 12 Town Orange

Connecticut Association for the Gifted

Award Leonardo Davinci 7-8 Grade \$50 Gift Certificate

School Greenwich Catholic School Greenwich Carol Lutz

Project Title Music Therapy APPLIED

Proj. No. 2517

Student(s) Ella Ann Woei Grade 8 Town Greenwich

Award Leonardo Davinci Award 9-12 Grade \$50 Gift Certificate

School Greenwich High School Greenwich Mr. Bramante

Project Title Design and Fabrication of a Smart, Medicated Gel Bandage to Deliver Antibiotics to a Draining Wound

Proj. No. 3075

Student(s) Romano Orlando Grade 12 Town Greenwich

Connecticut Association of Physics Teachers

Award \$100 Senior project

School Academy of Aerospace and Engineering Windsor Dr. Michelle Bellinger

Project Title Undulated Leading-Edge Airfoils in Low to Medium Reynolds Number Regime

Proj. No. 6066

Student(s) Keshav Vedula Grade 12 Town Windsor

Connecticut College-Physics, Astronomy, & Geophysics Dept.

Award	\$150 and certificate, Junior Physics & teeshirt		
School	Christian Heritage School	Trumbull	Daniel Cote
Project Title	The Effect of Temperature on Lift Decay in Helium Balloons		
Proj. No.	5549		
Student(s)	Nathan Nagel	Grade 8	Town Trumbull

Award	\$150 and certificate, Senior Physics & teeshirt		
School	E.O. Smith High School	Storrs	Cheryl Granger
Project Title	Finding the Ideal Baseball Swing Path through Calculus and Physics		
Proj. No.	6006		
Student(s)	Alexander Chandy	Grade 11	Town Storrs

Connecticut Invention Convention “Next Step Inventors”

Award	Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28		
School	Greenwich High School	Greenwich	Mr. Bramante
Project Title	Design and Fabrication of a Smart, Medicated Gel Bandage to Deliver Antibiotics to a Draining Wound		
Proj. No.	3075		
Student(s)	Romano Orlando	Grade 12	Town Greenwich

Award	Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Open-source, In-field Smartphone Detection and Mapping of Waterborne Diseases via Time-Based Spectroscopic Sensing with a New 3D Printable Optical Interface		
Proj. No.	6033		
Student(s)	Nicholas Liu	Grade 11	Town Greenwich

Award	Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28		
School	Greens Farms Academy	Greens Farms	Nina Yuen
Project Title	The Creation and Storage of Kinetic Energy through the Transportation of Water through a Hippo Roller		
Proj. No.	6053		
Student(s)	Conner Calzone	Grade 12	Town Norwalk

Award Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28

School **Christian Heritage School** **Trumbull** **Daniel Cote**

Project Title Carbon Emission-Free Power Generation Using Wave Energy and a Robust Generator

Proj. No. **6054**

Student(s) Ranita Muriel **Grade** 11 **Town** Shelton

Award Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28

School **Suffield High School** **Suffield** **Mitchell Charkiewicz**

Project Title A Novel Health Monitoring System

Proj. No. **6060**

Student(s) Akshita Jindal **Grade** 9 **Town** Suffield

Award Next Step Inventor Trophy & Invitation to compete at the 2018 Invention Convention, April 28

School **Suffield High School** **Suffield** **Mitchell Charkiewicz**

Project Title The Anti-Overdose Pill Bottle Stemming the Opioid Epidemic

Proj. No. **6089**

Student(s) Ziad Hassan **Grade** 11 **Town** Suffield

Connecticut Nurserymen's Foundation, Inc.

Award \$200 Cash Award & paid registration to the CT Nursery and Landscape Summer Meeting

School **Westside Middle School academy** **Danbury** **Jonathan Nuehausen**

Project Title How can forest fires help soil regain their nutrition, and let the plant grow taller?

Proj. No. **2510**

Student(s) Alex Morquecho **Grade** 8 **Town** Danbury

Award \$200 Cash Award & paid registration to the CT Nursery and Landscape Summer Meeting

School **The Loomis Chaffee School** **Windsor** **Koby Osei-Mensah**

Project Title Combating Food Deserts with Bean Urban Agriculture

Proj. No. **3005**

Student(s) Julianna Lee **Grade** 11 **Town** Windsor

Connecticut Science Supervisors Association

Award	\$125 for a high school project		
School	Norwich Technical High School	Norwich	Jesse Morin
Project Title	Evaluating an LCHAD Deficiency Model System Created Using CRISPR/Cas9 and C. elegans		
Proj. No.	3516		
Student(s)	Courtney Michaud	Grade 12	Town Norwich
	Kyle Tempesta	Grade 12	Town Uncasville

Award	\$125 for a middle school project		
School	Smith Middle School	Glastonbury	Mary Coburn
Project Title	Cure For The Blues: A green, low cost adsorbent for removal of dye from aqueous solutions		
Proj. No.	5024		
Student(s)	Anika Ahilan	Grade 7	Town Glastonbury

Constellation, an Exelon Company

Award	1st: \$100.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy		
School	St. Gregory the Great School	Danbury	Christine Fahey
Project Title	Wind vs Water		
Proj. No.	4025		
Student(s)	Anna Flaherty	Grade 8	Town New Fairfield
	Arshei Flores	Grade 8	Town New Milford

Award	1st: \$150.00 Cash - Grade 9 - 12: For Excellence in clean renewable / sustainable energy		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Harvesting Kinetic Energy from Waves using "See-Saw Floating Arms"		
Proj. No.	6529		
Student(s)	David Swigart	Grade 10	Town Greenwich
	Philip Chadwell	Grade 10	Town Greenwich

Award 2nd: \$100.00 Cash - Grade 9 - 12: For Excellence in clean renewable / sustainable energy

School **Madina Academy** **Windsor** **Zaide Ibic**

Project Title Using Wasted Heat from Hot Showers to Recycle Energy

Proj. No. **6518**

Student(s)	Ahmad Mohammed	Grade 9	Town Windsor
	Muaz Sharaf	Grade 9	Town Windsor Lock
	Samir Khan	Grade 9	Town Wethersfield

Award 2nd: \$50.00 Cash - Grade 7 - 8: For Excellence in clean renewable / sustainable energy

School **Bennie Dover Jackson Middle School** **New London** **Willie Barber**

Project Title Green Step

Proj. No. **5507**

Student(s)	Jennifer Fiestas	Grade 8	Town New London
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Ct Architecture Foundation Award - The William M. Mack, AIA Award

Award \$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.

School **Greens Farms Academy** **Greens Farms** **Nina Yuen**

Project Title A piece of unique-shaped furniture that is able to sustain a lot of weight and send signals to the rescue team about # buried people and their location.

Proj. No. **6027**

Student(s)	Andrew Chen	Grade 12	Town Norwalk
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Award \$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.

School **Academy of Aerospace and Engineering** **Windsor** **Dr. Bellinger**

Project Title The Effects of Positioning of Micro Vertical Axis Wind Turbines in a Network on Efficiency and Power Output

Proj. No. **6516**

Student(s)	Chris Rinaldi	Grade 11	Town Enfield
	Jean Pasato	Grade 11	Town Middletown
	Vishakh Talanki	Grade 11	Town South Windsor

Demos R Us Award

Award	\$150 Cash Award- Clear Execution of Research		
School	Worthington Hooker Middle School	New Haven	Douglas Jones
Project Title	Burning Calories: What's in Your Breakfast?		
Proj. No.	5553		
Student(s)	Katherine Van Tassel	Grade 8	Town New Haven

Dreams Unlimited Award

Award	\$100 Cash Award + Certificate		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	Using Robotics for Investigating Underwater Habitats		
Proj. No.	5535		
Student(s)	Morgan Tainter	Grade 8	Town Gilman

Environmental / Energy Award- New Haven Public School Award

Award	\$100 Award for top environmental or alternative energy project from a New Haven public school		
School	Worthington Hooker Middle School	New Haven	Mr. Jones
Project Title	Underwater Battle: The Effect of Pollution on Brine Shrimp		
Proj. No.	2010		
Student(s)	Athena Brown	Grade 7	Town New Haven

Evelyn Brown Award

Award	\$50 - Earth Science - Field work with Geologic or historic value		
School	Madina Academy	Windsor	Zaide Ibic
Project Title	The Effect of the Consumption of Organic vs. Non-Organic Lactuca Sativa on the Growth and Health of Cynthia Caterpillars		
Proj. No.	3086		
Student(s)	Ruqayyah Paine	Grade 10	Town Terryville

Fox Pest Control Award for Environmental Management

Award	\$150 Cash for Excellence in Environmental Management		
School	Waterford High School	Waterford	Michael O'Connor
Project Title	Development of a Novel Copepod-Based Mosquito Ovitrap		
Proj. No.	3096		
Student(s)	Sophie Wang	Grade 12	Town Waterford

Frank J. Link Family Award for Energy Related Research

Award	Frank J. Link Award for Energy Related Research - \$50		
School	St. Gregory the Great School	Danbury	Christine Fahey
Project Title	Wind vs Water		
Proj. No.	4025		
Student(s)	Anna Flaherty	Grade 8	Town New Fairfield
	Arshei Flores	Grade 8	Town New Milford

Award	Frank J. Link Award for Energy Related Research - \$50		
School	Betsy Ross Arts Magnet School	New Haven	Roisin Macdonald
Project Title	From Biomass To Biogas		
Proj. No.	5011		
Student(s)	Matilda Pethrick	Grade 7	Town Stratford

Garg Consulting Services Award for Excellence in Transportation Engineering

Award	\$250 cash and plaque		
School	Academy of Aerospace and Engineering	Windsor	dr. Bellinger
Project Title	Combinations of Polyethylene Glycol and Silica Nanoparticles as a Dilatant on Shock Absorption and Unequal Shear Transfer Rate		
Proj. No.	6533		
Student(s)	Nicolas McMahon	Grade 10	Town Windsor
	Emily Ngo	Grade 10	Town South Windsor

GENIUS Olympiad

Award	GENIUS Olympiad Competition for 1st Place HS Alternative/Renewable Energy Project		
School	Immaculate High School	Danbury	Mrs. Bridget Henry
Project Title	Effective Catalytic Conversion of Plastic Waste into Fuel		
Proj. No.	6008		
Student(s)	Elias Haddad	Grade 9	Town Danbury

Award	GENIUS Olympiad Competition for 1st Place HS Environmental Project		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Magnetically-induced, Visual Detection of Trace Arsenic Contaminants in Water Using Fe ₃ O ₄ Photonic Crystal Structures		
Proj. No.	6051		
Student(s)	Raina Jain	Grade 10	Town Greenwich

Award	GENIUS Olympiad Competition for 1st Place HS Future Sustainability		
School	Platt Tech - Green Step	Milford	Jessica Stamp
Project Title	Domestic Water Reuse System		
Proj. No.	6515		
Student(s)	Christian Haupt	Grade 11	Town West Haven
	Taylor Krieder	Grade 11	Town Stratford
	Christian Ramos	Grade 11	Town Stratford

Award	GENIUS Olympiad Competition for Highest Placing USC 8th grade Project		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	Image Recognition to Diagnose Lyme Disease		
Proj. No.	5547		
Student(s)	Khushi Parikh	Grade 8	Town Danbury

Henderson Award

Award	Certificate and \$25 Amazon Gift Card given by CSF		
School	Talcott Mountain Academy	Avon	Lydia Gibb
Project Title	Got Your Back		
Proj. No.	2516		
Student(s)	Emma Ruccio	Grade 8	Town Southington

IEEE, Connecticut Section

Award	\$100 Honorable Mention		
School	Wilbur Cross High School	New Haven	Nick Farrell & Joseph Zebrowski
Project Title	Do rewards affect neuro-electrical resistance?		
Proj. No.	3059		
Student(s)	Carlin Eswarakumar	Grade 11	Town New Haven

Award	\$100 Honorable Mention		
School	Middlebrook School	Wilton	Kendra Norman
Project Title	Power Walking with Piezoelectricity		
Proj. No.	5003		
Student(s)	Sebastien Shaw	Grade 7	Town Wilton

Award	\$100 Honorable Mention		
School	King Philip Middle School	West Hartford	Robert Felekey
Project Title	Slip Hazard Alarm Robot H2OhNoBot		
Proj. No.	5512		
Student(s)	Theodore Zhang	Grade 8	Town West Hartford

Award	\$100 Honorable Mention		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Utilization of Vertical Tidal Range to Generate and Store Electrical Current		
Proj. No.	6503		
Student(s)	William George	Grade 11	Town Greenwich
	Harold Barringer	Grade 11	Town Greenwich

Award	\$100 Honorable Mention		
School	Norwich Technical High School	Norwich	Chris Porto
Project Title	Research and construction of a Tesla Coil.		
Proj. No.	6506		
Student(s)	Michael Reid	Grade 12	Town Lebanon
	Matthew Cloutier	Grade 12	Town Hanover

Award	\$250 Honors Award -Senior		
School	Choate Rosemary Hall	Wallingford	Richard Kyung
Project Title	Noise Removal Analysis Using Proposed LPF(Low Pass Filter) and Windows		
Proj. No.	6067		
Student(s)	Se Ri Lee	Grade 11	Town Wallingford

Award	\$250 Honors Award -Junior		
School	Middlebrook School	Wilton	Paige Randall
Project Title	The Buzzing Eye - Helping The Blind (school submitted title - Supersonic Blind Helper)		
Proj. No.	5017		
Student(s)	Varun Vadhera	Grade 7	Town Wilton

Institute of Food Technologists, Nutmeg Section

Award	\$100 award + invitation to dinner		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	Impact of natural and chemical preservatives to extend the shelf life of apple cider.		
Proj. No.	2525		
Student(s)	Mathew Mathew	Grade 8	Town Danbury

Award	\$100 award + invitation to dinner		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges		
Proj. No.	6098		
Student(s)	Verna Yin	Grade 11	Town Cos Cob

Award	\$50 award + invitation to dinner		
School	Newtown Middle School	Newtown	Jeffery Shupp
Project Title	Design and Testing of a Chitin-based Filter for Bio-remediation of Nitrates		
Proj. No.	2521		
Student(s)	Marguerite LaBanca	Grade 8	Town Sandy Hook

Award \$50 award + invitation to dinner

School Hebrew High School of New England West Hartford Zachary Towne

Project Title The Effect of Coffee Extracts on Viable Cells within Staphylococcus Epidermidis Biofilm Colonies

Proj. No. 3020

Student(s) Batya Koenigsberg **Grade** 11 **Town** New Haven

Award \$50 award + invitation to dinner

School Greenwich Catholic School Greenwich Mrs. Carol Ann Lutz

Project Title A SUPERIOR VITAMIN THAT IS ANTI-INFLAMMATORY AND ANTIBACTERIAL "VITAGUMMIES"

Proj. No. 5554

Student(s) Monica Marino **Grade** 8 **Town** Riverside

Intel Excellence in Computer Science Award

Award \$200 & certificate

School Staples High School Westport Karen Thompson

Project Title Using a Machine Learning Algorithm to Predict if a Breast Tumor is Malignant or Benign

Proj. No. 3062

Student(s) Aniruddha Murali **Grade** 11 **Town** Westport

Award \$200 & certificate

School Darien High School Darien David Lewis

Project Title Fast Point-based Raytracing with Sphere Bounding Volume Hierarchies

Proj. No. 6014

Student(s) Daniel Pfrommer **Grade** 12 **Town** Darien

Award \$200 & certificate

School The Loomis Chaffee School Windsor Koby Osei-Mensah

Project Title The Consonance of Alternative Tuning Systems

Proj. No. 6018

Student(s) Aresh Pourkavoos **Grade** 9 **Town** Avon

ISA - International Society for Automation - Ct. Valley Section

Award	1st - \$125 award		
School	Fairchild Wheeler Magnet High School	Bridgeport	Paul Bergquist
Project Title	Extinguishing fire with sound		
Proj. No.	6026		
Student(s)	Kenny Pineda	Grade 10	Town Bridgeport

Award	2nd - \$75 award		
School	Madina Academy	Windsor	Zaide Madina
Project Title	Harnessing ocean wave kinetic energy in an eco-friendly way to generate electricity applying Faraday's law of induction		
Proj. No.	6523		
Student(s)	Al-Yaman Zoghol	Grade 9	Town Enfield
	Ahmed Zeinalabdin	Grade 9	Town Windsor

Award	3rd - \$50 award		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Sinkhole detection using Wireless Sensor Networks and Structural Health Monitoring		
Proj. No.	6099		
Student(s)	Sophia Wang	Grade 10	Town Woodbridge

J.A. Augustine Award

Award	\$100 for excellence in biology		
School	Waterford High School	Waterford	Michael O'Connor
Project Title	Development of a Novel Copepod-Based Mosquito Ovitrap		
Proj. No.	3096		
Student(s)	Sophie Wang	Grade 12	Town Waterford

Award	\$100 for excellence in physical sciences		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	The Effect of Barometric Pressure on the Speed of Wifi		
Proj. No.	5506		
Student(s)	Stella Walker	Grade 8	Town Danbury

John B. Trevor Award in Electrical Engineering

Award	\$500 cash award for an innovative electronic or electrical project		
School	Greens Farms Academy	Greens Farms	Mrs. Oshin
Project Title	The Traft		
Proj. No.	5036		
Student(s)	William McGonagle	Grade 7	Town Southport

John S. Kendall Memorial Awards

Award	\$300 John S. Kendall Award for Excellence In Mechanical Engineering - Middle School		
School	Christian Heritage School	Trumbull	Daniel Cote
Project Title	D.I.Y. Hovercraft: Lift and Propulsion		
Proj. No.	5531		
Student(s)	Maxwell Barbagallo	Grade 8	Town Sandy Hook

Award	\$500 John S. Kendall Award for Excellence In Mechanical Engineering - High School		
School	Ellington High School	Ellington	Liz Cole
Project Title	A natural cooling system for the last mile of vaccine delivery		
Proj. No.	6101		
Student(s)	Tina Ma	Grade 11	Town Ellington

Jon Stone Memorial Award

Award	\$150 cash for Innovative Engineering		
School	Smith Middle School	Glastonbury	Mary Coburn
Project Title	Cure For The Blues: A green, low cost adsorbent for removal of dye from aqueous solutions		
Proj. No.	5024		
Student(s)	Anika Ahilan	Grade 7	Town Glastonbury

Leask/Francoeur Family Awards

Award	1st Place High School- For innovation electrical engineering or computer science - \$200 cash		
School	The Loomis Chaffee School	Windsor	Koby Osei-Mensah
Project Title	The Consonance of Alternative Tuning Systems		
Proj. No.	6018		
Student(s)	Aresh Pourkavoos	Grade 9	Town Avon

Award 1st Place Middle School- For innovation electrical engineering or computer science - \$200 cash

School **Fields Memorial School** **Bozrah** **Mrs. E. Brown**

Project Title Using Robotics for Investigating Underwater Habitats

Proj. No. 5535

Student(s) Morgan Tainter **Grade** 8 **Town** Gilman

Lunch with a Patent Attorney

Award Lunch with a Patent Attorney

School **Glastonbury High School** **Glastonbury** **Diane Pintavalle**

Project Title Electronic Stethoscope System for Monitoring and Analyzing Bowel Sounds

Proj. No. 6025

Student(s) Abhi Mohnani **Grade** 11 **Town** Glastonbury

Maplesoft Awards for Applied Mathematics and Modeling

Award Maple software - For Excellence in Mathematics

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

Project Title Image Recognition to Diagnose Lyme Disease

Proj. No. 5547

Student(s) Khushi Parikh **Grade** 8 **Town** Danbury

Award Maple software - For Excellence in Mathematics

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

Project Title Predicting the Fluctuation of Stocks During the 3-6 Day Period Before and After Quarterly Profit Announcements

Proj. No. 6046

Student(s) Armstrong Park **Grade** 11 **Town** Riverside

Meyerand Young Woman Scientist Awards

Award \$300 cash - High School, Life Sciences

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

Project Title Regulation of Lemna minor Reactive Oxygen Species through Iodide and Tyrosine Antioxidant Treatments to Maximize Biofuel Yield

Proj. No. 3051

Student(s) Alia Aguilar **Grade** 12 **Town** Monroe

Award \$300 cash - High School, Physical Sciences

School **Platt Tech - Green Step** **Milford** **Jessica Stamp**

Project Title Green Grocer. An app to reduce food waste and encourage healthy eating.

Proj. No. **6504**

Student(s)	Veronica Novack	Grade 11	Town Seymour
	Samantha Laste	Grade 11	Town Stratford
	Taylor Jensen	Grade 11	Town Ansonia

Award \$300 cash - Middle School Life Sciences

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

Project Title Does a female's sport and medical history affect their gait and possibly cause a gait abnormality?

Proj. No. **2001**

Student(s)	Molly Kulick	Grade 7	Town Mystic
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Award \$300 cash - Middle School, Physical Sciences

School **Betsy Ross Arts Magnet School** **New Haven** **Roisin Macdonald**

Project Title From Biomass To Biogas

Proj. No. **5011**

Student(s)	Matilda Pethrick	Grade 7	Town Stratford
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Milton Fisher Science Fair Award for Innovation and Creativity

Award For Excellence in Creativity and Innovation by a High School student, \$200 cash

School **Ellington High School** **Ellington** **Liz Cole**

Project Title A natural cooling system for the last mile of vaccine delivery

Proj. No. **6101**

Student(s)	Tina Ma	Grade 11	Town Ellington
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Award For Excellence in Creativity and Innovation by a Middle School student, \$100 cash

School **Fields Memorial School** **Bozrah** **Mrs. E. Brown**

Project Title Using Robotics for Investigating Underwater Habitats

Proj. No. **5535**

Student(s)	Morgan Tainter	Grade 8	Town Gilman
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MIT Club of Hartford K-12 Initiative

Award For excellence in science & technology of energy related research, high school, \$100 cash award

School Immaculate High School Danbury Mrs. Bridget Henry

Project Title Effective Catalytic Conversion of Plastic Waste into Fuel

Proj. No. 6008

Student(s) Elias Haddad Grade 9 Town Danbury

Award For excellence in science & technology of energy related research, middle school, \$100 cash award

School Fields Memorial School Bozrah Mrs. E. Brown

Project Title How Do Variables Impact The Amount of Energy Collected by a Wind Turbine

Proj. No. 5027

Student(s) Alanna Brady Grade 7 Town Bozrah

Mu Alpha Theta

Award Certificate, \$25 Amazon gift card given by CSEF

School Brunswick School Greenwich Dana Montanez

Project Title Use of Regression Analysis to Predict Future Outbreaks of Malaria

Proj. No. 3049

Student(s) Jamison Meindl Grade 10 Town Riverside

Award Certificate, \$25 Amazon gift card given by CSEF

School Staples High School Westport Karen Thompson

Project Title Using a Machine Learning Algorithm to Predict if a Breast Tumor is Malignant or Benign

Proj. No. 3062

Student(s) Aniruddha Murali Grade 11 Town Westport

Award Certificate, \$25 Amazon gift card given by CSEF

School Choate Rosemary Hall Wallingford Richard Kyung

Project Title Noise Removal Analysis Using Proposed LPF(Low Pass Filter) and Windows

Proj. No. 6067

Student(s) Se Ri Lee Grade 11 Town Wallingford

Mystic Aquarium - Sea Research Foundation

Award	\$100 and 4 Admission Tickets to Mystic Aquarium		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria		
Proj. No.	3064		
Student(s)	Bennett Hawley	Grade 11	Town Cos Cob

NASA EARTH System Science Award

Award	Certificate and \$25 gift card given by CSEF		
School	St. Gregory the Great School	Danbury	Christine Fahey
Project Title	Bloom of Doom		
Proj. No.	2514		
Student(s)	Melanie Seaman	Grade 8	Town New Fairfield

Award	Certificate and \$25 gift card given by CSEF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria		
Proj. No.	3064		
Student(s)	Bennett Hawley	Grade 11	Town Cos Cob

Award	Certificate and \$25 gift card given by CSEF		
School	St. Thomas Aquinas Catholic School	Fairfield	PhillipFlynn
Project Title	Can a Magnet Clean Up An Oil Spill		
Proj. No.	5018		
Student(s)	James Cunningham	Grade 7	Town Fairfield

National Oceanic and Atmospheric Administration

Award	Certificate and medallion, ,and \$25 Amazon gift card given by CSEF		
School	St. Bridget School	Cheshire	Mrs. Carroll
Project Title	Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup		
Proj. No.	2537		
Student(s)	Kavin Kathir	Grade 8	Town Cheshire

Award Certificate and medallion, ,and \$25 Amazon gift card given by CSEF

School **St. Thomas Aquinas Catholic School** **Fairfield** **Philip Flynn**

Project Title Desalination: A Clean Water Alternative

Proj. No. **4014**

Student(s) Andrew Cimmino **Grade** 7 **Town** Fairfield

Joshua Dixon **Grade** 7 **Town** Bridgeport

Award Certificate and medallion, ,and \$25 Amazon gift card given by CSEFF

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

Project Title The Analysis of a Biochar Containment Boom as a Mitigation Technique for Relic Pollutants after Marine Dredging

Proj. No. **6030**

Student(s) Ethan Skuches **Grade** 12 **Town** Milford

NYUC Pony Club Equine Award

Award \$100 Cash Award or excellence in equine studies

School **Darien High School** **Darien** **Mr. Pratt**

Project Title Effects of Bt Insecticides on the Mortality Rate of Juvenile Horseshoe Crab

Proj. No. **3076**

Student(s) John Goll **Grade** 12 **Town** Darien

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

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

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

Project Title Development of a Mucin Based Biomedical Adhesive Gel

Proj. No. **3036**

Student(s) Brian Duffy **Grade** 12 **Town** Fairfield

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

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

Project Title Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria

Proj. No. **3064**

Student(s) Bennett Hawley **Grade** 11 **Town** Cos Cob

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

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

Project Title New Abundant and Sodium-Free Metakaolin Solid Electrolyte Ceramic for Power Grid Na-Ion Batteries

Proj. No. **6029**

Student(s) Alexander Kosyakov **Grade 11** **Town** Riverside

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

School **Greenwich High School** **Greenwich** **Mr. Bramante**

Project Title Remediation of Heavy Metal and Fertilizer-Runoff Contaminants using High Throughput, Silk Nanofiber Biomimetic Multilayer Membranes

Proj. No. **6058**

Student(s) Nicholas Woo **Grade 11** **Town** Greenwich

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

School **Academy of Aerospace and Engineering** **Windsor** **Dr. Michelle Bellinger**

Project Title Undulated Leading-Edge Airfoils in Low to Medium Reynolds Number Regime

Proj. No. **6066**

Student(s) Keshav Vedula **Grade 12** **Town** Windsor

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

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

Project Title Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges

Proj. No. **6098**

Student(s) Verna Yin **Grade 11** **Town** Cos Cob

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

School **Newtown Middle School** **Newtown** **Jeffery Shupp**

Project Title Design and Testing of a Chitin-based Filter for Bio-remediation of Nitrates

Proj. No. **2521**

Student(s) Marguerite LaBanca **Grade 8** **Town** Sandy Hook

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

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

Project Title Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup

Proj. No. **2537**

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

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

School St. Timothy Middle School West Hartford Mrs. Locke

Project Title Don't Rock The Boat

Proj. No. 5511

Student(s) Brooke Barry **Grade** 8 **Town** West Hartford

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

School The Catholic Academy of Stamford Stamford Mr. Hyland

Project Title How Do Airplanes Fly?: Bernoulli's Principle

Proj. No. 5536

Student(s) Sierra Wood **Grade** 8 **Town** Stamford

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

School St. Mark School Stratford Mrs. Olins

Project Title Are you a 'fan' of wind turbines?

Proj. No. 5540

Student(s) Kaitlyn Szczepanski **Grade** 8 **Town** Stratford

Otero Family Award

Award The Otero Family Award; \$200 cash

School Bridgeport Regional Aquaculture Center Bridgeport Kirk Shadle

Project Title Development of a Mucin Based Biomedical Adhesive Gel

Proj. No. 3036

Student(s) Brian Duffy **Grade** 12 **Town** Fairfield

Project Oceanology

Award Individual - 1 Ocean Camp slot + T-Shirt, First Place Junior

School Smith Middle School Glastonbury Mary Coburn

Project Title Cure For The Blues: A green, low cost adsorbent for removal of dye from aqueous solutions

Proj. No. 5024

Student(s) Anika Ahilan **Grade** 7 **Town** Glastonbury

Award	Individual - 1 Ocean Camp slot + T-Shirt, First Place Senior		
School	Greenwich High School	Greenwich	Mr. Bramante
Project Title	Remediation of Heavy Metal and Fertilizer-Runoff Contaminants using High Throughput, Silk Nanofiber Biomimetic Multilayer Membranes		
Proj. No.	6058		
Student(s)	Nicholas Woo	Grade 11	Town Greenwich

Ricoh Americas Corporation

Award	Certificate, \$25 Amazon gift card given by CSEF		
School	St. Bridget School	Cheshire	Mrs. Carroll
Project Title	Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup		
Proj. No.	2537		
Student(s)	Kavin Kathir	Grade 8	Town Cheshire

Award	Certificate, \$25 Amazon gift card given by CSEF		
School	Betsy Ross Arts Magnet School	New Haven	Roisin Macdonald
Project Title	From Biomass To Biogas		
Proj. No.	5011		
Student(s)	Matilda Pethrick	Grade 7	Town Stratford

Award	Certificate, \$25 Amazon gift card given by CSEF		
School	Park City Prep Charter School	Bridgeport	Vasiliki Boudreau
Project Title	The Novel Method Of Oil Spill clean up using biomasses		
Proj. No.	5557		
Student(s)	Alyssa Hall	Grade 8	Town Bridgeport

Robotics And Beyond Award for Excellence in Physics- High School and

Award	High School- For Excellence in Physics- \$200 for for Robotics And Beyond STEM Design Academy in July		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Open-source, In-field Smartphone Detection and Mapping of Waterborne Diseases via Time-Based Spectroscopic Sensing with a New 3D Printable Optical Interface		
Proj. No.	6033		
Student(s)	Nicholas Liu	Grade 11	Town Greenwich

Award Middle School- For Excellence in Engineering Design- \$200 for for Robotics And Beyond STEM Design Academy in July

School Talcott Mountain Academy Avon Lydia Gibb

Project Title Got Your Back

Proj. No. 2516

Student(s) Emma Ruccio **Grade** 8 **Town** Southington

Samantha Freeman Award for Excellence in Sports Science or Engineering

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

School Suffield High School Suffield Mitchell Charkiewicz

Project Title The Impact of Physical Activity on Human Reaction Time.

Proj. No. 3529

Student(s)	Bruce Wilson	Grade 11	Town Suffield
	Kyle Englander	Grade 11	Town Suffield
	Michael Sattan	Grade 11	Town Suffield

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

School Shelton Intermediate School Shelton Ms. Genova

Project Title Sneaker Feature 2

Proj. No. 5518

Student(s) Sofia Gasbarro **Grade** 8 **Town** Shelton

Schoepfer Award for Excellence in Local Aquatic Science

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

School St. Gregory the Great School Danbury Christine Fahey

Project Title Bloom of Doom

Proj. No. 2514

Student(s) Melanie Seaman **Grade** 8 **Town** New Fairfield

Sister Mary Christine Life Sciences Award

Award	\$100 for excellence in the life sciences by a catholic middle school project		
School	St. Joseph School	Danbury	Mrs. Reilly
Project Title	Stunted Growth: How Do Cell phones Affect Plant Growth and Can Certain Materials Prevent It?		
Proj. No.	2512		
Student(s)	Bronwyn Hyland	Grade 8	Town New Fairfield

Award	\$150 for excellence in the life sciences by a catholic high school project		
School	Sacred Heart Academy	Hamden	Sibani Sengupta
Project Title	Insights into cellular reprogramming: a computational biology approach.		
Proj. No.	3052		
Student(s)	Kelly Frier	Grade 11	Town Middlefield

Society for In Vitro Biology

Award	Certificate and \$25 Amazon gift card given by CSEF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Non-Invasive Colorimetric Biosensor for Early Diagnosis of Prostate Cancer Through DNA-Mediated MicroRNA Detection		
Proj. No.	3060		
Student(s)	Rahul Subramaniam	Grade 11	Town Cos Cob

Award	Certificate and \$25 Amazon gift card given by CSEF		
School	Greenwich High School	Greenwich	Mr. Bramante
Project Title	Design and Fabrication of a Smart, Medicated Gel Bandage to Deliver Antibiotics to a Draining Wound		
Proj. No.	3075		
Student(s)	Romano Orlando	Grade 12	Town Greenwich

Award	Certificate and \$25 Amazon gift card given by CSEF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Ultrasensitive, Lab-on-a-Chip Detection of HIV via a Fluorescence-based, Europium-Doped Silica Nanoparticle Immunoassay		
Proj. No.	3095		
Student(s)	Joe Konno	Grade 11	Town Greenwich

Society of Women Engineers - Hartford Section

Award	Scientific Calculator		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	How Do Variables Impact The Amount of Energy Collected by a Wind Turbine		
Proj. No.	5027		
Student(s)	Alanna Brady	Grade 7	Town Bozrah

Award	Scientific Calculator		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	Development of a Portable, Kinetic Driven, Ozone Based Water Purification System for Application in Disaster Relief		
Proj. No.	6023		
Student(s)	Jamielyn Iquina	Grade 12	Town Stratford

Award	Scientific Calculator		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Ambient Carbon Dioxide Capture and Purified Gas Release Using Asphalt-Waste Derived, Porous Carbon Filtration		
Proj. No.	6079		
Student(s)	Melissa Woo	Grade 10	Town Riverside

Award	Scientific Calculator		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges		
Proj. No.	6098		
Student(s)	Verna Yin	Grade 11	Town Cos Cob

Southeastern New England Marine Educators

Award	\$100 award and membership in SENEME - 1st Place Junior & T-Shirt		
School	St. Bridget School	Cheshire	Mrs. Carroll
Project Title	Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup		
Proj. No.	2537		
Student(s)	Kavin Kathir	Grade 8	Town Cheshire

Award \$100 award and membership in SENEME - 1st Place Senior & T-Shirt

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

Project Title Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges

Proj. No. **6098**

Student(s) Verna Yin **Grade** 11 **Town** Cos Cob

Spirit of Invention Award

Award \$100 Cash and Plaque for Inventive Concepts

School **Amity Reg Middle School - Bethany Campus** **Bethany** **Kevin Berean**

Project Title Preventing SIDS From Suffocation

Proj. No. **4015**

Student(s) Ellina Medovnikov **Grade** 8 **Town** Woodbridge

Audrey Marin **Grade** 8 **Town** Woodbridge

Stanley Lessoff Award for Excellence In Analytical Technique

Award \$100 Cash and Plaque

School **Fields Memorial School** **Bozrah** **Mrs. E. Brown**

Project Title How Do Variables Impact The Amount of Energy Collected by a Wind Turbine

Proj. No. **5027**

Student(s) Alanna Brady **Grade** 7 **Town** Bozrah

Stockholm Junior Water Prize

Award Certificate, \$25 gift card to Amazon by CSEF, possible advance to further competition

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

Project Title Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria

Proj. No. **3064**

Student(s) Bennett Hawley **Grade** 11 **Town** Cos Cob

Award Certificate, \$25 gift card to Amazon by CSEF, possible advance to further competition

School **Greenwich High School** **Greenwich** **Mr. Bramante**

Project Title Remediation of Heavy Metal and Fertilizer-Runoff Contaminants using High Throughput, Silk Nanofiber Biomimetic Multilayer Membranes

Proj. No. **6058**

Student(s) Nicholas Woo **Grade** 11 **Town** Greenwich

Award Certificate, \$25 gift card to Amazon by CSEF, possible advance to further competition

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

Project Title Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges

Proj. No. **6098**

Student(s) Verna Yin **Grade** 11 **Town** Cos Cob

Talcott Mountain Science Center & Academy

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

School **St. Mary School** **Bethel** **Kate McDonald**

Project Title Reusable Hand Warmer Magic

Proj. No. **5025**

Student(s) Kayla O'Marra **Grade** 7 **Town** Bethel

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

School **Fields Memorial School** **Bozrah** **Mrs. E Brown**

Project Title Do different species of tree's growth patterns vary when looking at their growth rings?

Proj. No. **2024**

Student(s) Norah Tracy **Grade** 7 **Town** Bozrah

The Children's Museum

Award 1 family 4-Pack of Admission Passes to the Children's Museum

School **St. Gregory the Great School** **Danbury** **Christine Fahey**

Project Title The Efficiency of Different Types of Algae in Creating Self-Sustaining Microbial Fuel Cells

Proj. No. **5034**

Student(s) Max Coisman **Grade** 7 **Town** Danbury

The Connecticut Technology Council Young Woman Innovation Award

Award \$150 Cash Award for Technological Innovation

School **Ellington High School** **Ellington** **Liz Cole**

Project Title A natural cooling system for the last mile of vaccine delivery

Proj. No. **6101**

Student(s) Tina Ma **Grade** 11 **Town** Ellington

The Goodwin-Niering Center for the Environment

Award	\$100 for "Excellence in Environmental Conservation Studies"		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Open-source, In-field Smartphone Detection and Mapping of Waterborne Diseases via Time-Based Spectroscopic Sensing with a New 3D Printable Optical Interface		
Proj. No.	6033		
Student(s)	Nicholas Liu	Grade 11	Town Greenwich

The Jackson Laboratory

Award	\$1,000 - The Jackson Laboratory Award for Excellence in Genomics Related Research		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Autonomously Killing Cancerous Cells by the Detection of up to Single Nucleotide Mutations		
Proj. No.	3035		
Student(s)	Collin Marino	Grade 11	Town Greenwich

Award	\$500 - The Jackson Laboratory Award for Excellence in Genomics Related Research		
School	Brunswick School	Greenwich	Dana Lee Montanez
Project Title	A Lense to Explore Life on Other Planets: Using Targeted Genome Editing Technologies to Test Survival in Extraterrestrial Environments		
Proj. No.	3546		
Student(s)	Thomas Foley	Grade 11	Town Greenwich
	Thomas Kimberlin	Grade 11	Town Greenwich

The Karen J. Howell Middle School Award for "Learning and Serving"

Award	The Karen J. Howell Middle School Award for "Learning and Serving" - \$1000		
School	St. Timothy Middle School	West Hartford	Danielle Locke
Project Title	Saving Crops from Cold Snaps – The Effect of Gamma-Aminobutyric Acid (GABA) on Freeze Tolerance in Wheatgrass		
Proj. No.	2528		
Student(s)	Grace Flynn	Grade 8	Town West Hartford

TurnKey Compliance Solutions Environmental Awards

Award	\$200 Cash Award Middle School- For excellence in environmental sciences		
School	St. Bridget School	Cheshire	Mrs. Carroll
Project Title	Transforming Trash Into Treasure: A Sustainable Approach To Oil Spill Cleanup		
Proj. No.	2537		
Student(s)	Kavin Kathir	Grade 8	Town Cheshire

Award	\$300 Cash Award High School- For excellence in environmental sciences		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	From Tobacco to a Chemical Cocktail: A Smoker's E-cigarette Alternative May Lead to Bronchiolitis Obliterans		
Proj. No.	3103		
Student(s)	Hannah Goldenberg	Grade 9	Town Old Greenwich

U.S. Air Force

Award	Laptop backpack, ear buds, 1 GB flash drive, 4 Port USB hub, certificate		
School	St. Mary School	Bethel	Mrs. McDonald
Project Title	Hot and Hard Headband		
Proj. No.	2030		
Student(s)	Anna Kopec	Grade 7	Town Bethel

Award	Laptop backpack, ear buds, 1 GB flash drive, 4 Port USB hub, certificate		
School	St. Mary School	Bethel	Kate McDonald
Project Title	New Creature in the Sea.		
Proj. No.	2506		
Student(s)	Magdalena Swierczek	Grade 8	Town Danbury

Award	Laptop backpack, ear buds, 1 GB flash drive, 4 Port USB hub, certificate		
School	King Philip Middle School	West Hartford	Robert Felekey
Project Title	The search for a fuel-efficient jetliner: Testing three airfoils in a wind tunnel.		
Proj. No.	5537		
Student(s)	Andrew Sauer	Grade 8	Town West Hartford

Award	Laptop backpack, ear buds, 1 GB flash drive, 4 Port USB hub, certificate		
School	Betsy Ross Arts Magnet School	New Haven	Mrs Macdonald
Project Title	Hovercraft		
Proj. No.	5539		
Student(s)	Kaylee Fitzgerald	Grade 8	Town Naugatuck

U.S. Metric Association

Award	Certificate & \$25 Amazon gift card given by CSEF		
School	Staples High School	Westport	Karen Thompson
Project Title	Using a Machine Learning Algorithm to Predict if a Breast Tumor is Malignant or Benign		
Proj. No.	3062		
Student(s)	Aniruddha Murali	Grade 11	Town Westport

Award	Certificate & \$25 Amazon gift card given by CSEF		
School	The Loomis Chaffee School	Windsor	Koby Osei-Mensah
Project Title	The Consonance of Alternative Tuning Systems		
Proj. No.	6018		
Student(s)	Aresh Pourkavoos	Grade 9	Town Avon

Award	Certificate & \$25 Amazon gift card given by CSEF		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Enhancing Cybersecurity by Developing a User Authentication System Using Keystroke Dynamics		
Proj. No.	6095		
Student(s)	Kate Yuan	Grade 11	Town Woodbridge

Unilever Trumbull R&D

Award	Shadow Day at Unilever Trumbull R&D Centre		
School	Suffield High School	Suffield	Mitchell Charkiewicz
Project Title	The Anti-Overdose Pill Bottle Stemming the Opiod Epidemic		
Proj. No.	6089		
Student(s)	Ziad Hassan	Grade 11	Town Suffield

Award	Shadow Day at Unilever Trumbull R&D Centre		
School	Academy of Aerospace and Engineering	Windsor	Michelle Bellinger
Project Title	Effect of the Size, Shape and Spatial Distribution of the Second Phase Polymer in a 3D Printed Polymer/Polymer Composite on the Mechanical Properties of the Material.		
Proj. No.	6528		
Student(s)	Gianna Guzzo	Grade 10	Town Suffield
	Andrea Lacunza	Grade 10	Town Avon

University of Connecticut - Physics Department

Award	UCONN Early College Experience Program: Frontier in Science- Co-Op \$100 Gift Certificate		
School	Greens Farms Academy	Greens Farms	Dr. Mathieu Freeman
Project Title	Finding and Comparing the Ethanol Yield of Connecticut Invasive Plant Species		
Proj. No.	3016		
Student(s)	Grace McGonagle	Grade 11	Town Southport

Award	UCONN Early College Experience Program: Life Sciences - Co-Op \$100 Gift Certificate		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria		
Proj. No.	3064		
Student(s)	Bennett Hawley	Grade 11	Town Cos Cob

Award	UCONN Early College Experience Program: Physical Sciences - Co-Op \$100 Gift Certificat		
School	Academy of Aerospace and Engineering	Windsor	Dr. Bellinger
Project Title	Effect of Experimental Parameters on Forming Prince Rupert's Drops for Maximum Strength and Toughness.		
Proj. No.	6501		
Student(s)	Srikar Godilla	Grade 11	Town Newington
	Cristian Rodriguez	Grade 11	Town East Hartford

University of Connecticut Academic Excellence Scholarship

Award	Academic Excellence Scholarship - \$6,500 a year for four academic years- (\$26,000 total)		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Cost-Effective and Fully Recycled Filtration of Heavy Metals from Drinking Water Using Used Coffee Grounds Embedded in Discarded Polyurethane Sponges		
Proj. No.	6098		
Student(s)	Verna Yin	Grade 11	Town Cos Cob

University of Hartford

Award	University of Hartford Scholarship- For Excellence in Engineering, Science or Mathematics \$26,000		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria		
Proj. No.	3064		
Student(s)	Bennett Hawley	Grade 11	Town Cos Cob

Award	University of Hartford Scholarship- For Excellence in Engineering, Science or Mathematics \$26,000		
School	Ellington High School	Ellington	Liz Cole
Project Title	A natural cooling system for the last mile of vaccine delivery		
Proj. No.	6101		
Student(s)	Tina Ma	Grade 11	Town Ellington

University of New Haven High School Awards in Engineering & Science

Award	\$100 For High School Project in Engineering: Electrical		
School	Glastonbury High School	Glastonbury	Diane Pintavalle
Project Title	Electronic Stethoscope System for Monitoring and Analyzing Bowel Sounds		
Proj. No.	6025		
Student(s)	Abhi Mohnani	Grade 11	Town Glastonbury

Award	\$100 For High School Project in Biochemistry		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	Development of a Mucin Based Biomedical Adhesive Gel		
Proj. No.	3036		
Student(s)	Brian Duffy	Grade 12	Town Fairfield

Award	\$100 For High School Project in Cell and Molecular Biology		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	Amplifying Heat Shock Protein Expression in Glycine max for cross protection against substandard growing conditions.		
Proj. No.	3031		
Student(s)	Evan O'Keefe	Grade 12	Town Fairfield

Award	\$100 For High School Project in Chemistry		
School	East Catholic High School	Manchester	Lesa Milas
Project Title	Prototype Cotton Based Poly(N-isopropylacrylamide) Smart Hydrogel that Undergoes Hydrophilic-to-Hydrophobic Transition to Capture and Release Fresh Water from Humid Air		
Proj. No.	6091		
Student(s)	John Oei	Grade 9	Town Hebron

Award	\$100 For High School Project in Computer Science		
School	RHAM High School	Hebron	Alexa Mitchell
Project Title	A Computer Model of The Effect of Familial Structure on the Spread of the Influenza Virus		
Proj. No.	3030		
Student(s)	Isabelle Benson-Clarke	Grade 10	Town Marlborough

Award	\$100 For High School Project in Energy & Transportation		
School	Manchester High School	Manchester	Megan Rader
Project Title	Effect of Various Ambient Gases on Stability of Perovskite Solar Cells		
Proj. No.	6005		
Student(s)	Khundker Hossain	Grade 12	Town Manchester

Award	\$100 For High School Project in Engineering: Mechanical		
School	Amity Regional High School	Woodbridge	Mrs. Day
Project Title	The Effectiveness of Ceramic Membranes with a Manganese Oxide Coating in Filtering Dyes from Industrial Wastewater		
Proj. No.	6057		
Student(s)	Ella Marin	Grade 10	Town Woodbridge

Award	\$100 For High School Project in Environmental Science		
School	Amity Regional High School	Woodbridge	Mrs. Day
Project Title	The Effectiveness of Ceramic Membranes with a Manganese Oxide Coating in Filtering Dyes from Industrial Wastewater		
Proj. No.	6057		
Student(s)	Ella Marin	Grade 10	Town Woodbridge

Award	\$100 For High School Project in Mathematics		
School	Fairfield Ludlowe High School	Fairfield	Mr. Mirrer
Project Title	Options Pricing Models Using Machine Learning		
Proj. No.	6083		
Student(s)	Srihita Mediboina	Grade 12	Town Fairfield

Award	\$100 For High School Project in Microbiology		
School	Norwich Technical High School	Norwich	Dr.Morin
Project Title	Can probiotic yeast be used to decrease the severity of Type 2 Diabetes symptoms in a Drosophila melanogaster disease model?		
Proj. No.	3017		
Student(s)	Gianpierre Roche	Grade 12	Town Willimantic

Award	\$100 For High School Project in Sustainability		
School	Christian Heritage School	Trumbull	Daniel Cote
Project Title	Carbon Emission-Free Power Generation Using Wave Energy and a Robust Generator		
Proj. No.	6054		
Student(s)	Ranita Muriel	Grade 11	Town Shelton

Urban School Challenge 1st Place Middle School Awards

Award	Highest Placing 8th grader- GENIUS-Olympiad Competition -\$500 travel stipend		
School	Westside Middle School Academy	Danbury	Jonathan Neuhausel
Project Title	Image Recognition to Diagnose Lyme Disease		
Proj. No.	5547		
Student(s)	Khushi Parikh	Grade 8	Town Danbury

Award	USC Highest Placing 7th grader- Project Oceanology's Ocean Camp		
School	Worthington Hooker Middle School	New Haven	Mr. Jones
Project Title	Underwater Battle:The Effect of Pollution on Brine Shrimp		
Proj. No.	2010		
Student(s)	Athena Brown	Grade 7	Town New Haven

Westinghouse Electric Company/New England Chapter of North American Young

Award	1st place, Excellence in Energy Research, \$100 cash award		
School	Christian Heritage School	Trumbull	Daniel Cote
Project Title	The Design of a Self-Funding Heating System		
Proj. No.	6020		
Student(s)	Miles Meade	Grade 11	Town Shelton

Wisner Award

Award	\$250 cash and plaque		
School	Norwich Technical High School	Norwich	Chris Porto
Project Title	Research and construction of a Tesla Coil.		
Proj. No.	6506		
Student(s)	Michael Reid	Grade 12	Town Lebanon
	Matthew Cloutier	Grade 12	Town Hanover

Yale Peabody Museum

Award	Family "six pack" of free passes to the Yale Peabody Museum		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Biomimetic Degradation of Persistent Pollutants Using Common Wax Worm Sakaiensis Bacteria		
Proj. No.	3064		
Student(s)	Bennett Hawley	Grade 11	Town Cos Cob

Award	Family "six pack" of free passes to the Yale Peabody Museum		
School	Waterford High School	Waterford	Michael O'Connor
Project Title	Development of a Novel Copepod-Based Mosquito Ovitrap		
Proj. No.	3096		
Student(s)	Sophie Wang	Grade 12	Town Waterford

Award	Family "six-pack" of free passes to the Yale Peabody Museum		
School	Joel Barlow High School	Redding	Dr. Katherine Nuzzo
Project Title	Effects of Soil Composition on the Decline of Fraxinus americana		
Proj. No.	3013		
Student(s)	Sean Mullin	Grade 11	Town Redding

Award	Family "six-pack" of free passes to the Yale Peabody Museum		
School	Ridgefield High School	Ridgefield	Ryan Gleason
Project Title	Testing the Effectiveness of Various Shading Materials on Mock Leatherback Sea Turtle Nests		
Proj. No.	3018		
Student(s)	Annabelle Colao	Grade 12	Town Ridgefield

Award	Family "six-pack" of free passes to the Yale Peabody Museum		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Use of Regression Analysis to Predict Future Outbreaks of Malaria		
Proj. No.	3049		
Student(s)	Jamison Meindl	Grade 10	Town Riverside

Award	One-Year Family Membership to the Yale Peabody Museum		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Do different species of tree's growth patterns vary when looking at their growth rings?		
Proj. No.	2024		
Student(s)	Norah Tracy	Grade 7	Town Bozrah

Award	One-Year Family Membership to the Yale Peabody Museum		
School	Bridgeport Regional Aquaculture Center	Bridgeport	Kirk Shadle
Project Title	Development of a Migration Model For Morone saxatilis Based on Thermal Shifts in Long Island Sound		
Proj. No.	3047		
Student(s)	Clayton McGoldrick	Grade 12	Town Southport

Yale Science & Engineering Association, Inc.

Award	Certificate, \$25 gift card to Amazon given by CSEF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	New Abundant and Sodium-Free Metakaolin Solid Electrolyte Ceramic for Power Grid Na-Ion Batteries		
Proj. No.	6029		
Student(s)	Alexander Kosyakov	Grade 11	Town Riverside

Zepke Award

Award	\$100 - For the Best Use of Electronic Circuitry- Middle School		
School	Middlebrook School	Wilton	Paige Randall
Project Title	The Buzzing Eye - Helping The Blind (school submitted title - Supersonic Blind Helper)		
Proj. No.	5017		
Student(s)	Varun Vadhera	Grade 7	Town Wilton

Award	\$125 - For the Best Use of Electronic Circuitry- Senior High		
School	Norwich Technical High School	Norwich	Ernest Todd
Project Title	Robotic Hand		
Proj. No.	6510		
Student(s)	Aaron Steendam	Grade 11	Town Canterbury
	Justin Relaz	Grade 11	Town Norwich
