



Connecticut Science Fair
Quinnipiac University
March 13 - 17, 2012

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	St. Michael School	Pawcatuck	Mr. DeNoia
Project Title	The Mighty Houseplant		
Proj. No.	1019		
Student(s)	Kelly Giffault	Grade 7	Town Stonington
	Paige Giffault	Grade 7	Town Stonington

Award	\$100 Junior, Environmental Research, waste recycling related		
School	Southern Connecticut Hebrew Academy	Orange	Mrs. Karen Howell
Project Title	Phytoremediation: Removal of metal pollutants from contaminated soil and effect of chelators		
Proj. No.	2543		
Student(s)	Alex Russell	Grade 8	Town New Haven

Award	\$100 Senior, Environmental Research, air pollution related		
School	Fairfield Warde High School	Fairfield	Andrew Bramante
Project Title	A Hidden Treasure; Dehumidification of Air Improves Indoor Air Quality		
Proj. No.	6045		
Student(s)	Sofia Bramante	Grade 10	Town Fairfield

Award	\$100 Senior, Environmental Research, waste recycling related		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Recovery of Light Hydrocarbon Fuels from PETE Recycling with Concurrent Reduction in the Recyclable Footprint		
Proj. No.	6079		
Student(s)	Clara Eizayaga	Grade 11	Town Riverside

Alumni Botany Awards

Award	Alumni High School Botany Award- \$100 Cash		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	Pseudoscience or Agriculturally Beneficial: The Effect of Magnetic Water on the Growth of Legumes		
Proj. No.	3012		
Student(s)	Ashish Ramachandran	Grade 10	Town Stamford

Award	Alumni Middle School Botany Award- \$100 Cash		
School	Our Lady of the Assumption School	Fairfield	Kathy Almeida
Project Title	The Effects of De-Icing Salts and Chemical Compounds on Adiantum pedatum		
Proj. No.	2540		
Student(s)	Amanda Gerstenfeld	Grade 8	Town Fairfield

American Institute of Aeronautics & Astronautics - Connecticut Section

Award	\$200 award, certificate		
School	Greens Farms Academy	Greens Farms	Dr. Mathieu Freeman
Project Title	Production of High Quality Ceramic Coatings for Turbine Applications by Freeze Spray Deposition		
Proj. No.	6056		
Student(s)	Kishan Patel	Grade 12	Town Westport

Award	\$200 award, certificate		
School	Xavier High School	Middletown	Manoj Rahematpura
Project Title	Testing the Viability of Adaptive Winglet Technology to Improve Fuel Efficiency on Midsize Commercial Airliners using Computational Fluid Dynamics		
Proj. No.	6515		
Student(s)	Christopher Muckle	Grade 12	Town Madison
	Miraj Rahematpura	Grade 12	Town Middletown
	Mario Chris	Grade 11	Town Storrs

American Meteorological Society

Award	Certificate & \$50 Amazon gift card given by CSF		
School	Southern Connecticut Hebrew Academy	Orange	Mrs. Karen Howell
Project Title	Phytoremediation: Removal of metal pollutants from contaminated soil and effect of chelators		
Proj. No.	2543		
Student(s)	Alex Russell	Grade 8	Town New Haven

Award	Certificate & \$50 Amazon gift card given by CSF		
School	St. Joseph School	Danbury	Mrs. Page
Project Title	Ocean Wave and Tide Energy Project		
Proj. No.	5032		
Student(s)	James Parris	Grade 7	Town Brookfield

Award	Certificate & \$50 Amazon gift card given by CSF		
School	Our Lady of Mercy School	Madison	Rosalie Zonder
Project Title	Disappearing Act		
Proj. No.	4004		
Student(s)	Clara Bechtold	Grade 7	Town Madison
	Clare Gagliano	Grade 7	Town Madison

American Psychological Association

Award	Certificate, \$50 gift card to Amazon given by CSF		
School	Westbrook Middle School	Westbrook	Ms. Lepore
Project Title	Think Fast		
Proj. No.	2025		
Student(s)	Jason Matunas	Grade 7	Town Westbrook

Award	Certificate, \$50 gift card to Amazon given by CSF		
School	East Ridge Middle School	Ridgefield	Mr. Bozzuto
Project Title	Musical Sociology: The Placebo Effect in Action		
Proj. No.	2520		
Student(s)	Gwendolyn Ellis	Grade 8	Town Ridgefield

American Society for Metals - Hartford Chapter

Award	\$100 Check		
School	Bethel Middle School	Bethel	Mr. Reynolds
Project Title	How Does Combining Metals Lead to Rust Development		
Proj. No.	4029		
Student(s)	Jessica MacIntyre	Grade 7	Town Bethel
	Kallan Hook	Grade 7	Town Bethel

Award	\$100 Check		
School	Hartford Magnet Trinity College Academy	Hartford	Mrs. Parmelee
Project Title	Rust Above The Rest		
Proj. No.	5549		
Student(s)	Kevin Paradis	Grade 8	Town East Harford

American Society for Quality - Thames Valley Section

Award	\$500 U. S. Savings Bond		
School	Park City Prep Charter School	Bridgeport	Mrs. Vicky Boudreau
Project Title	Are some magnetic materials more temperature dependent than others?		
Proj. No.	5006		
Student(s)	Chancelle Negron	Grade 7	Town Bridgeport

American Society of Safety Engineers, CT Valley Chapter

Award	\$100 grade 7-8 project		
School	St. Michael School	Pawcatuck	Mr. DeNoia
Project Title	"Block that Sound"		
Proj. No.	4017		
Student(s)	Sarah Hillegass	Grade 8	Town Stonington
	Kate Peglow	Grade 8	Town Old Mystic

Award	\$100 grade 7-8 project		
School	Joseph A. DePaolo Middle School	Southington	Mrs. Brostrom
Project Title	Distracted Driving		
Proj. No.	5007		
Student(s)	Michael Freeman	Grade 7	Town Southington

Award	\$100 grade 7-8 project		
School	St. Edward School	Stafford Springs	Mrs. Donna Napolitano
Project Title	Flammability and Fabric Softener		
Proj. No.	5519		
Student(s)	Lindsay Albert	Grade 8	Town Stafford Springs

Award	\$150 grade 9-12 project		
School	Hamden High School	Hamden	Sonia Beloin
Project Title	Are High School Band Students at Risk for Hearing Damage?		
Proj. No.	3093		
Student(s)	Jacob Zavatore-Veth	Grade 9	Town Hamden

Award	\$150 grade 9-12 project		
School	Putnam Science Academy	Putnam	Serdar Haytiyev
Project Title	Effective Removal of BTEX from Industrial Wastewater by Using Banana Peels as an Environmentally Friendly and Low-Cost Bio-Sorbent		
Proj. No.	6503		
Student(s)	Serik Tukupov	Grade 11	Town Putnam
	Vali Gasimov	Grade 11	Town Putnam
	Humza Ahmed	Grade 11	Town Tolland

Award	\$150 grade 9-12 project		
School	Putnam Science Academy	Putnam	Serdar Haytiyev
Project Title	Efficient and Practical Approach to Removal of BTEX from Industrial Waste Water by Using Tea Waste		
Proj. No.	6510		
Student(s)	Rejepmuhammet Gurbannazarov	Grade 10	Town Putnam
	Kerem On	Grade 10	Town Putnam

Arthur Mensing Award

Award	\$500 cash award for excellence in the physical sciences		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	An Organic Thin Film Transistor and Elastic Organic Solar Cell Based Electronic Skin for Biochemical and Tactile Sensing		
Proj. No.	6049		
Student(s)	Ryota Ishizuka	Grade 12	Town Cos Cob

ASM Materials Education Foundation

Award	Certificate & \$ 50 gift card to Amazon given by CSF& medallion		
School	Hartford Magnet Trinity College Academy	Hartford	Mrs.Parmelee
Project Title	Rust Above The Rest		
Proj. No.	5549		
Student(s)	Kevin Paradis	Grade 8	Town East Harford

Award	Certificate & \$50 ift card to Amazon given by CSF & medallion		
School	St. Joseph School	Danbury	Mrs. Page
Project Title	Designing an Effective Dye-Sensitized Solar Cells		
Proj. No.	5005		
Student(s)	Martha Haddad	Grade 7	Town Danbury

Association for Women Geoscientists

Award	Certificate & \$50 gift card to Amazon given by CSF		
School	St. Rose of Lima School	Newtown	Mrs. Dimon
Project Title	The Investigation of the Presence of Caffeine in Groundwater and Sewage		
Proj. No.	5025		
Student(s)	Grace Herrick	Grade 7	Town Sandy Hook

Award	Certificate & \$50 girt card to Amazon given by CSF		
School	St. Peter-Sacred Heart Upper School	Danbury	Dr. Greg Capone
Project Title	Making Wind Turbines Quieter and More Efficient		
Proj. No.	5538		
Student(s)	Sarah Eriksson	Grade 8	Town Naugatuck

Astronomical Society of Greater Hartford

Award	Junior Project-\$100, subscription to Sky and Telescope magazine and ASGH meeting invitation		
School	Middlebrook School	Wilton	Norman Kendra
Project Title	Material Density vs. Angle of Refraction		
Proj. No.	5516		
Student(s)	Mishil Nana	Grade 8	Town Wilton

Award	Senior Project-\$150, subscription to Sky and Telescope magazine and ASGH meeting invitation		
School	Staples High School	Westport	Dr. Nicholas Morgan
Project Title	NGC 2194: Clues to Stellar Evolution		
Proj. No.	6033		
Student(s)	Kim Adler	Grade 11	Town Westport

Banning Family Life Science Award

Award	For excellence in invasive species research, \$100 cash		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Teredo Navalis - A Population Density Study		
Proj. No.	2503		
Student(s)	Nicholas Tatro	Grade 8	Town Bozrah

Barker Mohandas Award for Transportation Research

Award	\$250 Cash for Excellence in Transportation Related Research		
School	Smith Middle School	Glastonbury	Mr. Falcigno
Project Title	On the Application of Electrochemical Double Layer Capacitors		
Proj. No.	5528		
Student(s)	Paul Han	Grade 8	Town Glastonbury

Biophysical Society

Award	Biophysics Award- \$100		
School	St. Timothy Middle School	West Hartford	Mrs. Breen
Project Title	Killer Waves		
Proj. No.	5542		
Student(s)	Stephen Gosselin	Grade 8	Town West Hartford

Bob Harris Fix It Award

Award	\$100 and Certificate		
School	Classical Magnet School	Hartford	Ms. Paula Koenig
Project Title	Aerodynamics		
Proj. No.	5044		
Student(s)	Holly Weldon	Grade 7	Town South Windam

Coherent, Inc. Richard Hart Award for Excellence in Photonics

Award	\$300 cash, plaque, invitation to lunch and tour Coherent factory		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	An Organic Thin Film Transistor and Elastic Organic Solar Cell Based Electronic Skin for Biochemical and Tactile Sensing		
Proj. No.	6049		
Student(s)	Ryota Ishizuka	Grade 12	Town Cos Cob

Connecticut Academy of Audiology

Award	\$150 Cash Award High School- For Excellence in Audiology and Acoustics		
School	Hamden High School	Hamden	Sonia Beloin
Project Title	Are High School Band Students at Risk for Hearing Damage?		
Proj. No.	3093		
Student(s)	Jacob Zavatore-Veth	Grade 9	Town Hamden

Award	\$150 Cash Award Middle School- For Excellence in Audiology and Acoustics		
School	West Rocks Middle School	Norwalk	Sue Delong
Project Title	Balance		
Proj. No.	2506		
Student(s)	Vivian Conley	Grade 8	Town Norwalk

Connecticut Architecture Foundation

Award	\$100 Gift Certificate to Barnes and Nobles		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	\$100 Gift Certificate to Barnes and Nobles		
School	Sacred Heart Academy	Hamden	Dr. Christophy
Project Title	The Toxic Truth About Paint: The Effects of VOCs on Paint Quality		
Proj. No.	6524		
Student(s)	Emma Dragan	Grade 10	Town Orange
	Sienna DeMaio	Grade 10	Town Bethany

Connecticut Association of Physics Teachers

Award	\$100 Senior project		
School	Norwich Free Academy	Norwich	Mrs. Jones
Project Title	Utilizing a Robotic Turning Mechanism to Focus on the Sun in Order to Maximize the Efficiency of a Parabolic Trough Water Heating System		
Proj. No.	6016		
Student(s)	Remington Carle	Grade 11	Town Norwich

Connecticut College-Biological and Botany Department

Award	\$100 for excellence in the biological sciences		
School	St. Michael School	Pawcatuck	Mr. DeNoia
Project Title	The Mighty Houseplant		
Proj. No.	1019		
Student(s)	Kelly Giffault	Grade 7	Town Stonington
	Paige Giffault	Grade 7	Town Stonington

Connecticut College-Physics, Astronomy, & Geophysics Dept.

Award	\$150 and certificate, Junior Physics & teeshirt		
School	St. Mark School	Stratford	Phillip Flynn
Project Title	Go With The Flow: Applying Darcy's Law to the Flow of Groundwater		
Proj. No.	5012		
Student(s)	Gabriella Larizza	Grade 7	Town Stratford

Award	\$150 and certificate, Senior Physics & teeshirt		
School	Staples High School	Westport	Dr. Nicholas Morgan
Project Title	NGC 2194: Clues to Stellar Evolution		
Proj. No.	6033		
Student(s)	Kim Adler	Grade 11	Town Westport

Connecticut Science Supervisors Association

Award	\$125 for a high school project		
School	Staples High School	Westport	Alfred J. Scheetz
Project Title	Optogenetic Interrogation of Prefrontal Cortex Dopamine D1 Receptor-Containing Neurons as a Technique to Restore Timing: A Novel Approach to Treat Prefrontal Disorders		
Proj. No.	3046		
Student(s)	John Solder	Grade 12	Town Westport

Award	\$125 for a middle school project		
School	St. Rose of Lima School	Newtown	Mrs. Marde Dimon
Project Title	The Effect of Electromagnetic Fields on Scenedesmus Algae Cells		
Proj. No.	1012		
Student(s)	Katerina Ringes	Grade 8	Town Sandy Hook
	Marina Renzi	Grade 8	Town Newtown

Connecticut Valley Biological Supply Company, Inc.

Award	\$50 Gift Certificate		
School	St. Michael School	Pawcatuck	Mr. DeNoia
Project Title	The Mighty Houseplant		
Proj. No.	1019		
Student(s)	Kelly Giffault	Grade 7	Town Stonington
	Paige Giffault	Grade 7	Town Stonington

CSF Board of Directors Award

Award	Certificate and \$50 Amazon gift card given by CSF		
School	John Winthrop School	Bridgeport	Mr. Walsh
Project Title	GMO or no GMO		
Proj. No.	2530		
Student(s)	Timothy Graham	Grade 8	Town Bridgeport

Award	Certificate and \$50 Amazon gift card given by CSF		
School	Our Lady of the Assumption School	Fairfield	Mrs. Kathy Almeida
Project Title	Do Brightly Colored Roofs Reduce Thermal Radiation?		
Proj. No.	5524		
Student(s)	Patrick Agonito	Grade 8	Town Fairfield

CT Technology Council Youth Innovation Award

Award	\$150 Cash Award for Technological Innovation		
School	East Catholic High School	Manchester	Ms. Holly Noble
Project Title	Polyvinylidene Fluoride (PVDF) Piezoelectric Generator: A Novel Approach to Harvesting Vibrations from Human Respiration to Power Biological Implant Devices		
Proj. No.	6002		
Student(s)	Bridget Oei	Grade 10	Town Hebron

David and Torrey Fenton Awards

Award	For creative work in the physical sciences- high school; \$200 cash		
School	Cooperative Arts & Humanities High School	New Haven	Shelia Martin-Corbin
Project Title	Battle Of The Solvents-thin Layer Chromatography		
Proj. No.	6071		
Student(s)	Mairead Brennan	Grade 9	Town New Haven

Award	For creative work in the physical sciences- middle school; \$200 cash		
School	Southern Connecticut Hebrew Academy	Orange	Mrs. Howell
Project Title	Analysis and Bioavailability of Chemical Dyes Versus Natural Dyes with their Antioxidant Benefits.		
Proj. No.	4010		
Student(s)	Chana Piekarski	Grade 7	Town Hamden
	Esther Caroline	Grade 7	Town New Haven

Dreams Unlimited

Award	\$100 cash award + certificate		
School	St. Edward School	Stafford Springs	Mrs. Napolitano
Project Title	Digital Pinhole Cameras and the Effect of Aperture Size on Image Sharpness		
Proj. No.	5509		
Student(s)	Amy Agro	Grade 8	Town Somers

Education Connection- Center for 21st Century Skills Awards

Award	\$100 For innovation in science or engineering		
School	Staples High School	Westport	Dr. Nick Morgan
Project Title	The Application of the Photosynthetic Hydrogen Production of <i>C. reinhardtii</i> in Hydrogen Fuel Cells		
Proj. No.	3037		
Student(s)	Jay Tsai	Grade 12	Town Westport

Award	\$100 For innovation in science or engineering		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Environmental/ Energy Award- Urban Public School Student

Award	\$100 Award for top environmental or alternative energy project from a New Haven public school		
School	Worthington Hooker Middle School	New Haven	Douglas Jones
Project Title	The Clean Water Project		
Proj. No.	2033		
Student(s)	Yogasai Gazula	Grade 7	Town New Haven

GENIUS Olympiad

Award	GENIUS Olympiad Competition for HS student (s) and advisor - Biodiversity		
School	Danbury High School	Danbury	Mr. LaRosa
Project Title	The Biological Control of Zebra Mussels Using the Marine Natural Product Aaptamine.		
Proj. No.	3084		
Student(s)	Janine Kerr	Grade 9	Town Danbury

Award	GENIUS Olympiad Competition for HS student (s) and advisor - Ecology		
School	Bridgeport Aquaculture School	Bridgeport	Mr. Shadle
Project Title	The Investigation of the Role of Methylating Bacteria in the Reintroduction Of Mercury into Long Island Sound		
Proj. No.	6031		
Student(s)	Allison Haley	Grade 12	Town Shelton

Award	GENIUS Olympiad Competition for HS student (s) and advisor - Energy		
School	Daniel Hand High School	Madison	Madhuparna Roychoudhury
Project Title	Can you charge your phone wirelessly? Cordless electricity transmission by piezoelectric excitation via low frequency acoustic waves.		
Proj. No.	6517		
Student(s)	Shayan Roychoudhury	Grade 9	Town Madison
	Wesley Kimmel	Grade 10	Town Madison

Award	GENIUS Olympiad Competition for HS student (s) and advisor - Environmental		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Mycoremediation of PCB Soil Contaminants with Pleurotus Ostreatus		
Proj. No.	3042		
Student(s)	Mallory Madfes	Grade 11	Town Greenwich

Harvey Hubbell Foundation Award

Award	\$100 For Excellence in Engineering		
School	Harry B. Flood Middle School	Stratford	Mr. Gorski
Project Title	Linear Accelerator		
Proj. No.	4016		
Student(s)	Chris Kovach	Grade 8	Town Stratford
	Dhruva Chagi	Grade 8	Town Stratford

Henderson Award

Award	Certificate and \$50 Amazon gift card given by CSF		
School	Hartford Magnet Trinity College Academy	Hartford	Mrs. Penny Parmelee
Project Title	Fermi Action		
Proj. No.	5533		
Student(s)	Maya Ernest	Grade 8	Town Windsor

I-SWEEEP (International Sustainable World Project Olympiad)

Award	I-SWEEEP Competition for student (2) and advisor -		
School	Norwich Free Academy	Norwich	Mrs. Jones
Project Title	Utilizing a Robotic Turning Mechanism to Focus on the Sun in Order to Maximize the Efficiency of a Parabolic Trough Water Heating System		
Proj. No.	6016		
Student(s)	Remington Carle	Grade 11	Town Norwich

Award	I-SWEEEP Competition for student (2) and advisor -		
School	Xavier High School	Middletown	Manoj Rahematpura
Project Title	Testing the Viability of Adaptive Winglet Technology to Improve Fuel Efficiency on Midsize Commercial Airlines using Computational Fluid Dynamics		
Proj. No.	6515		
Student(s)	Christopher Muckle	Grade 12	Town Madison
	Miraj Rahematpura	Grade 12	Town Middletown
	Mario Chris	Grade 11	Town Storrs

Award	I-SWEEEP Competition for student (2) and advisor - 1st Place HS Future Sustainability		
School	Joel Barlow High School	Redding	Katherine Nuzzo
Project Title	Surfactants: Emulsification Effects of Synthetic, Microbial and Plant-Derived Surfactants		
Proj. No.	6076		
Student(s)	Morgan Jordan	Grade 12	Town Easton

Award	I-SWEEEP Competition for student (2) and advisor - 2nd Place HS Future Sustainability		
School	East Catholic High School	Manchester	Ms. Holly Noble
Project Title	Polyvinylidene Fluoride (PVDF) Piezoelectric Generator: A Novel Approach to Harvesting Vibrations from Human Respiration to Power Biological Implant Devices		
Proj. No.	6002		
Student(s)	Bridget Oei	Grade 10	Town Hebron

Award	I-SWEEEP Competition Invitation to submit-		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	I-SWEEEP Competition Invitation to submit-		
School	Putnam Science Academy	Putnam	Serdar Haytiyev
Project Title	Effective Removal of BTEX from Industrial Wastewater by Using Banana Peels as an Environmentally Friendly and Low-Cost Bio-Sorbent		
Proj. No.	6503		
Student(s)	Serik Tukupov	Grade 11	Town Putnam
	Vali Gasimov	Grade 11	Town Putnam
	Humza Ahmed	Grade 11	Town Tolland

IEEE, Connecticut Section

Award	\$100 Honorable Mention		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Password Security		
Proj. No.	2534		
Student(s)	Connor Provost	Grade 8	Town Bozrah

Award	\$100 Honorable Mention		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	What variables affect the grasp efficiency of a robotic arm?		
Proj. No.	5021		
Student(s)	Emily O'Connor	Grade 7	Town Bozrah

Award	\$100 Honorable Mention		
School	The Montessori Middle School	Norwalk	Carolyn Ogden-Stenerson
Project Title	Experimental Evaluation of Techniques for Protecting Users from Malware Attacks		
Proj. No.	5521		
Student(s)	Samyukt Kumar	Grade 8	Town Stamford

Award	\$100 Honorable Mention		
School	Norwich Free Academy	Norwich	Mrs. Jones
Project Title	Utilizing a Robotic Turning Mechanism to Focus on the Sun in Order to Maximize the Efficiency of a Parabolic Trough Water Heating System		
Proj. No.	6016		
Student(s)	Remington Carle	Grade 11	Town Norwich

Award	\$100 Honorable Mention		
School	Shelton High School	Shelton	Mrs. Dunham
Project Title	Revolutionizing Cancer Treatment: A Simulation of Nanocarriers Using Swarm Intelligence for Targeted Cancer Cells		
Proj. No.	6066		
Student(s)	Rigel Mahmood	Grade 10	Town Shelton

Award	\$250 Honors Award -Senior		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	An Organic Thin Film Transistor and Elastic Organic Solar Cell Based Electronic Skin for Biochemical and Tactile Sensing		
Proj. No.	6049		
Student(s)	Ryota Ishizuka	Grade 12	Town Cos Cob

Award	\$250 Honors Award -Junior		
School	Smith Middle School	Glastonbury	Mr. Falcigno
Project Title	On the Application of Electrochemical Double Layer Capacitors		
Proj. No.	5528		
Student(s)	Paul Han	Grade 8	Town Glastonbury

Institute of Food Technologists, Nutmeg Section

Award	\$50 award + invitation to dinner		
School	The Montessori Middle School	Norwalk	Carolyn Stenerson
Project Title	Hydroponic Tomatoes		
Proj. No.	2023		
Student(s)	Olivia Pritchard	Grade 7	Town Fairfield

Award	\$50 award + invitation to dinner		
School	Madina Academy	Windsor	Aisha Seyal
Project Title	Manufacturing and Biodegrading Bioplastics: Observing the speed of biodegradation of potato, rice, tapioca and corn starch based plastics.		
Proj. No.	2527		
Student(s)	Muhammad Ali	Grade 8	Town Windsor

Award	\$50 award + invitation to dinner		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Which Intestinal Bacteria is Best? A study of the Effectiveness of Single and Multi-Strain Probiotics.		
Proj. No.	3008		
Student(s)	Antony Manokhin	Grade 10	Town Greenwich

Award	\$50 award + invitation to dinner		
School	Christian Heritage School	Trumbull	Mrs. Oshin
Project Title	How do acids effect cupcake size?		
Proj. No.	4022		
Student(s)	Lindsey Augustin	Grade 8	Town Stratford
	Josie Bentlage	Grade 8	Town Shelton

Award	\$50 award + invitation to dinner		
School	East Granby Middle School	East Granby	Mr. Langan
Project Title	How Much Vitamin C Is In An Orange		
Proj. No.	5039		
Student(s)	Jolie Berger	Grade 7	Town East Granby

Intel Excellence in Computer Science Award

Award	\$200 & certificate		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Effect of Indexing String Length On Speed and Memory Usage for Digital Karyotyping Query Algorithms		
Proj. No.	6006		
Student(s)	Jordan Henck	Grade 11	Town Woodbridge

Award	\$200 & certificate		
School	Shelton High School	Shelton	Mrs. Dunham
Project Title	Revolutionizing Cancer Treatment: A Simulation of Nanocarriers Using Swarm Intelligence for Targeted Cancer Cells		
Proj. No.	6066		
Student(s)	Rigel Mahmood	Grade 10	Town Shelton

ISA - International Society for Automation

Award	1st - \$125 award		
School	St. Mark School	Stratford	Mr. Flynn
Project Title	Measuring the Speed of Light Using a Microwave		
Proj. No.	5523		
Student(s)	Cheyenne Perez	Grade 8	Town Stratford

Award	2nd - \$75 award		
School	Harry B. Flood Middle School	Stratford	Mr. Gorski
Project Title	Linear Accelerator		
Proj. No.	4016		
Student(s)	Chris Kovach	Grade 8	Town Stratford
	Dhruva Chagi	Grade 8	Town Stratford

Award	3rd - \$50 award		
School	East Ridge Middle School	Ridgefield	Ms. Sullivan
Project Title	Determining Amount Of Sugar, Salt, and Alcohol in a Water Solution with a Laser Pointer		
Proj. No.	4002		
Student(s)	Martin Herlihy	Grade 8	Town Ridgefield
	Brendan Donnelly	Grade 8	Town Ridgefield

John B. Trevor Award in Electrical Engineering

Award	\$500 cash award for an innovative electronic or electrical project		
School	Smith Middle School	Glastonbury	Mr. Falcigno
Project Title	On the Application of Electrochemical Double Layer Capacitors		
Proj. No.	5528		
Student(s)	Paul Han	Grade 8	Town Glastonbury

Leask/Francoeur Family Awards

Award	1st Place High School- For innovation electrical engineering or computer science - \$200 cash		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Effect of Indexing String Length On Speed and Memory Usage for Digital Karyotyping Query Algorithms		
Proj. No.	6006		
Student(s)	Jordan Henck	Grade 11	Town Woodbridge

Award	1st Place Middle School- For innovation electrical engineering or computer science - \$100 cash		
School	Smith Middle School	Glastonbury	Mr. Falcigno
Project Title	On the Application of Electrochemical Double Layer Capacitors		
Proj. No.	5528		
Student(s)	Paul Han	Grade 8	Town Glastonbury

Lola Lampe Müller Award

Award	\$150 cash for a middle or high school project		
School	Greenwich Academy	Greenwich	Ann Decker
Project Title	Assessment of Lepidoptera Host Plant Preference at Mass Audubon's Felix Neck Wildlife Sanctuary		
Proj. No.	3072		
Student(s)	Elizabeth Wolf	Grade 10	Town Greenwich

Long Island Sound Foundation, Inc.

Award	\$500		
School	American School for the Deaf	West Hartford	Mary Laporta
Project Title	Beluga Behavior Study		
Proj. No.	3501		
Student(s)	Dazjahnique Parker	Grade 11	Town Ansonia
	Faye Frez-Albrecht	Grade 11	Town Canton
	Lynette Saucier	Grade 11	Town Bristol

Award	\$500 Life Science/Environmental Science/Physical science		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Teredo Navalis - A Population Density Study		
Proj. No.	2503		
Student(s)	Nicholas Tatro	Grade 8	Town Bozrah

Award	\$500 Life Science/Environmental Science/Physical science		
School	Southern Connecticut Hebrew Academy	Orange	Karen J Howell
Project Title	Analysis of Local Watershed and River Contaminated Sediments, and Effect on River and Long Island Sound Waters		
Proj. No.	2507		
Student(s)	Hadassah Sessel	Grade 8	Town Orange

Award	\$500 Life Science/Environmental Science/Physical science		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Mycoremediation of PCB Soil Contaminants with Pleurotus Ostreatus		
Proj. No.	3042		
Student(s)	Mallory Madfes	Grade 11	Town Greenwich

Award	\$500 Life Science/Environmental Science/Physical science		
School	Bridgeport Aquaculture School	Bridgeport	Mr. Shadle
Project Title	The Investigation of the Role of Methylating Bacteria in the Reintroduction Of Mercury into Long Island Sound		
Proj. No.	6031		
Student(s)	Allison Haley	Grade 12	Town Shelton

Lunch with a Patent Attorney

Award	Lunch with a Patent Attorney		
School	Fairfield College Preparatory School	Fairfield	Dr. Lewis
Project Title	Novel Fiber Optic Dye Sensitized Solar Cell Aided by the Biosynthesis of Diatom Frustules		
Proj. No.	6008		
Student(s)	Kyle Ryan	Grade 11	Town Trumbull

Meyerand Young Woman Scientist Awards

Award	\$300 cash - High School, Life Sciences		
School	Danbury High School	Danbury	Mr. LaRosa
Project Title	The Biological Control of Zebra Mussels Using the Marine Natural Product Aaptamine.		
Proj. No.	3084		
Student(s)	Janine Kerr	Grade 9	Town Danbury

Award	\$300 cash - High School, Physical Sciences		
School	Fairfield Warde High School	Fairfield	Andrew Bramante
Project Title	A Hidden Treasure; Dehumidification of Air Improves Indoor Air Quality		
Proj. No.	6045		
Student(s)	Sofia Bramante	Grade 10	Town Fairfield

Award	\$300 cash - Middle School Life Sciences		
School	St. Paul School	Kensington	Bethany Perzanowski
Project Title	THE ECO-FRIENDLY DIAPER: LANDFILL DESIGN. "The Type of Cloth Versus the Rate of Decomposition"		
Proj. No.	2013		
Student(s)	Elizabeth Lopreiato	Grade 7	Town New Britain

Award	\$300 cash - Middle School, Physical Sciences		
School	St. Mark School	Stratford	Mr. Phil Flynn
Project Title	A Bright Idea: Comparing the Efficiency of Incandescent, CFL, and LED Light Bulbs		
Proj. No.	5022		
Student(s)	Megan Robertson	Grade 7	Town Stratford

Milton Fisher Science Fair Award for Innovation and Creativity

Award	For Excellence in Creativity and Innovation by a High School student, \$200 cash		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Effect of Indexing String Length On Speed and Memory Usage for Digital Karyotyping Query Algorithms		
Proj. No.	6006		
Student(s)	Jordan Henck	Grade 11	Town Woodbridge

Award	For Excellence in Creativity and Innovation by a Middle School student, \$100 cash		
School	Oei Home School	Hebron	Mrs. Ellen Oei
Project Title	Development of a Prototype Pendulum Wave Energy Conversion Device		
Proj. No.	5525		
Student(s)	Maura Oei	Grade 8	Town Hebron

MIT Club of Hartford K-12 Initiative

Award	For excellence in energy related research, high school, \$150 cash award		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Recovery of Light Hydrocarbon Fuels from PETE Recycling with Concurrent Reduction in the Recyclable Footprint		
Proj. No.	6079		
Student(s)	Clara Eizayaga	Grade 11	Town Riverside

Award	For excellence in energy related research, middle school, \$150 cash award		
School	Oei Home School	Hebron	Mrs. Ellen Oei
Project Title	Development of a Prototype Pendulum Wave Energy Conversion Device		
Proj. No.	5525		
Student(s)	Maura Oei	Grade 8	Town Hebron

Mu Alpha Theta

Award	Certificate, \$50 gift card to Amazon given by CSF		
School	Staples High School	Westport	Dr. Michele Morse
Project Title	Chaos in Bacterial Growth with Sinusoidal Temperature Cycles		
Proj. No.	3033		
Student(s)	Michael Menz	Grade 11	Town Westport

Award	Certificate, \$50 gift card to Amazon given by CSF		
School	Christian Heritage School	Trumbull	Dan Cote
Project Title	The general equation of the sum of power series		
Proj. No.	6053		
Student(s)	Xiaofei Yu	Grade 11	Town Shelton

Mystic Aquarium

Award	\$100 and 4 Admission Tickets to Mystic Aquarium		
School	American School for the Deaf	West Hartford	Mary Laporta
Project Title	Beluga Behavior Study		
Proj. No.	3501		
Student(s)	Dazjahnique Parker	Grade 11	Town Ansonia
	Faye Frez-Albrecht	Grade 11	Town Canton
	Lynette Saucier	Grade 11	Town Bristol

National Oceanic and Atmospheric Administration

Award	Certificate, medallion, and \$50 gift card to Amazon given by CSF		
School	John F. Kennedy Middle School	Plantsville	Mrs. Pepin
Project Title	The Effects of Global Warming on Marine Life		
Proj. No.	1017		
Student(s)	Kimberly Stafko	Grade 7	Town Southington
	Alexa Maddalena	Grade 7	Town Southington

Northeast Utilities: Environmental Management

Award	Senior - \$250 Scholarship, energy conservation and renewable energy sources		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	Senior - \$250 Scholarship, pollution prevention, source reduction, recycling, min. waste		
School	Greens Farms Academy	Greens Farms	Dr. Mathieu Freeman
Project Title	Paper Batteries: A Viable Lithium Ion Battery Technology		
Proj. No.	6052		
Student(s)	William Picoli	Grade 12	Town Wilton

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

Award	High School- Certificate, \$75.00 gift certificate		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	The Compatibility Between Pure 2-D Sericin Membranes and Cell Growth		
Proj. No.	3045		
Student(s)	Jed McKinney	Grade 11	Town Old Greenwich

Award	High School- Certificate, \$75.00 gift certificate		
School	Sacred Heart Academy	Hamden	Dr. Elizabeth Christophy
Project Title	A Study of "Ebb and Flo" Aquaponics as the Most Effective Growing System for Romaine Lettuce as Compared to a Hydroponic and an Organic, Soil-Based, Growing System		
Proj. No.	3075		
Student(s)	Olivia Kelly	Grade 10	Town Shelton

Award	High School- Certificate, \$75.00 gift certificate		
School	Brunswick School	Greenwich	Dana Montanez
Project Title	The Efficiency of Air Multiplication Technology versus the Efficiency of Bladed Fan Technology		
Proj. No.	6004		
Student(s)	Spencer McDonough	Grade 10	Town Greenwich

Award	High School- Certificate, \$75.00 gift certificate		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	An Organic Thin Film Transistor and Elastic Organic Solar Cell Based Electronic Skin for Biochemical and Tactile Sensing		
Proj. No.	6049		
Student(s)	Ryota Ishizuka	Grade 12	Town Cos Cob

Award	High School- Certificate, \$75.00 gift certificate1		
School	East Catholic High School	Manchester	Ms. Holly Noble
Project Title	Polyvinylidene Fluoride (PVDF) Piezoelectric Generator: A Novel Approach to Harvesting Vibrations from Human Respiration to Power Biological Implant Devices		
Proj. No.	6002		
Student(s)	Bridget Oei	Grade 10	Town Hebron

Award	Middle School- Certificate, \$50 gift card to Amazon given by CSF		
School	Southern Connecticut Hebrew Academy	Orange	Karen J Howell
Project Title	Analysis of Local Watershed and River Contaminated Sediments, and Effect on River and Long Island Sound Waters		
Proj. No.	2507		
Student(s)	Hadassah Sessel	Grade 8	Town Orange

Award	Middle School- Certificate, \$50 gift card to Amazon given by CSF		
School	Madina Academy	Windsor	Aisha Seyal
Project Title	Manufacturing and Biodegrading Bioplastics: Observing the speed of biodegradation of potato, rice, tapioca and corn starch based plastics.		
Proj. No.	2527		
Student(s)	Muhammad Ali	Grade 8	Town Windsor

Award	Middle School- Certificate, \$50 gift card to Amazon given by CSF		
School	St. Joseph School	Danbury	Mrs. Page
Project Title	Designing an Effective Dye-Sensitized Solar Cells		
Proj. No.	5005		
Student(s)	Martha Haddad	Grade 7	Town Danbury

Award	Middle School- Certificate, \$50 gift card to Amazon given by CSF		
School	St. Rose of Lima School	Newtown	Mrs. Dimon
Project Title	The Investigation of the Presence of Caffeine in Groundwater and Sewage		
Proj. No.	5025		
Student(s)	Grace Herrick	Grade 7	Town Sandy Hook

Award	Middle School- Certificate, \$50 gift card to Amazon given by CSF		
School	St. Joseph School	Danbury	Mrs. Page
Project Title	Ocean Wave and Tide Energy Project		
Proj. No.	5032		
Student(s)	James Parris	Grade 7	Town Brookfield

Otero Family Award

Award	The Otero Family Award; \$200 cash		
School	The Taft School	Watertown	Mr. Michael McAloon
Project Title	From Shape Recognition to Multi-Calculus Thinking: Study of Geometric Perception and Spatial Cognition in Early Alzheimer's Disease Patients		
Proj. No.	3062		
Student(s)	Xinhe Zheng	Grade 11	Town Watertown

ProConn Power Inc. Award for Sustainable Electrical Energy Research

Award	\$250 for Excellence in Sustainable Electrical Energy Research		
School	Oei Home School	Hebron	Mrs. Ellen Oei
Project Title	Development of a Prototype Pendulum Wave Energy Conversion Device		
Proj. No.	5525		
Student(s)	Maura Oei	Grade 8	Town Hebron

Project Oceanology

Award	Individual - Book + 2 tickets, First Place Junior, check for \$100, t-shirt		
School	Fields Memorial School	Bozrah	Mrs. E Brown
Project Title	Teredo Navalis - A Population Density Study		
Proj. No.	2503		
Student(s)	Nicholas Tatro	Grade 8	Town Bozrah

Award	Individual - Book + 2 tickets, First Place Senior, check for \$100, t-shirt		
School	Bridgeport Aquaculture School	Bridgeport	Mr. Shadle
Project Title	The Investigation of the Role of Methylating Bacteria in the Reintroduction Of Mercury into Long Island Sound		
Proj. No.	6031		
Student(s)	Allison Haley	Grade 12	Town Shelton

Randy Gibson Award for Earth Science Research

Award	\$100 cash and plaque		
School	St. Mark School	Stratford	Phillip Flynn
Project Title	Go With The Flow: Applying Darcy's Law to the Flow of Groundwater		
Proj. No.	5012		
Student(s)	Gabriella Larizza	Grade 7	Town Stratford

Ricoh Corporation/Society for Science & the Public

Award	Certificate, Lapel Pin,\$50 gift card to Amazon given by CSF		
School	East Granby Middle School	East Granby	Mr.Langan
Project Title	Rain...Runoff...Ramifications?		
Proj. No.	2016		
Student(s)	Jonathan Kelly	Grade 7	Town East Granby

Award	Certificate, Lapel Pin,\$50 gift card to Amazon given by CSF		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	Greener Cleaner? Testing the Level of Phosphates in Everyday Cleaners		
Proj. No.	5532		
Student(s)	Megan Lavallee	Grade 8	Town Bozrah

Schoepfer Award for Excellence in Local Aquatic Science

Award	For excellence in a local water quality study, \$100 cash		
School	Southern Connecticut Hebrew Academy	Orange	Karen J Howell
Project Title	Analysis of Local Watershed and River Contaminated Sediments, and Effect on River and Long Island Sound Waters		
Proj. No.	2507		
Student(s)	Hadassah Sessel	Grade 8	Town Orange

Sister Mary Christine Life Sciences Award

Award	\$100 and plaque for excellence in the life sciences by a middle school project		
School	Sacred Heart School	New Britain	Miss Kornas
Project Title	Egg-ceptional Packaging Material		
Proj. No.	4005		
Student(s)	Maximilian Muller	Grade 8	Town Berlin
	Briana Muller	Grade 7	Town Berlin

Society for In Vitro Biology

Award	Certificate and \$50 gift card to Amazon given by CSF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	The Compatibility Between Pure 2-D Sericin Membranes and Cell Growth		
Proj. No.	3045		
Student(s)	Jed McKinney	Grade 11	Town Old Greenwich

Award	Certificate and \$50 gift card to Amazon given by CSF		
School	Hamden High School	Hamden	Sonia Beloin
Project Title	Role of MyD88 in DNA Damage Response		
Proj. No.	3061		
Student(s)	Yiyuan Hu	Grade 12	Town Hamden

Society of Women Engineers - Hartford Section

Award			
School	St. Mark School	Stratford	Phillip Flynn
Project Title	Go With The Flow: Applying Darcy's Law to the Flow of Groundwater		
Proj. No.	5012		
Student(s)	Gabriella Larizza	Grade 7	Town Stratford

Award	Scientific Calculator		
School	St. Bridget School	Manchester	Kim Maysonet
Project Title	The Stirling Engine and the Effect of Temperature Differential on Engine Performance		
Proj. No.	5502		
Student(s)	Nicole Robitaille	Grade 8	Town Manchester

Award	Scientific Calculator		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	Scientific Calculator		
School	Fairfield Warde High School	Fairfield	Andrew Bramante
Project Title	A Hidden Treasure; Dehumidification of Air Improves Indoor Air Quality		
Proj. No.	6045		
Student(s)	Sofia Bramante	Grade 10	Town Fairfield

Award	Scientific Calculator		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Simplified Detection of Aromatic Nitroamine Pesticides using Bee Venom Luminescence		
Proj. No.	6063		
Student(s)	Brittney Lew	Grade 11	Town Riverside

Southeastern New England Marine Educators

Award	\$75 award and membership in SENEME - 1st Place Junior & T-Shirt		
School	Southern Connecticut Hebrew Academy	Orange	Karen J Howell
Project Title	Analysis of Local Watershed and River Contaminated Sediments, and Effect on River and Long Island Sound Waters		
Proj. No.	2507		
Student(s)	Hadassah Sessel	Grade 8	Town Orange

Award	\$75 award and membership in SENEME - 1st Place Senior & T-Shirt		
School	Danbury High School	Danbury	Mr. LaRosa
Project Title	The Biological Control of Zebra Mussels Using the Marine Natural Product Aaptamine.		
Proj. No.	3084		
Student(s)	Janine Kerr	Grade 9	Town Danbury

Stanley Lessoff Award for Excellence In Analytical Technique

Award	\$200 Cash and Plaque		
School	Southern Connecticut Hebrew Academy	Orange	Mrs. Howell
Project Title	Analysis and Bioavailability of Chemical Dyes Versus Natural Dyes with their Antioxidant Benefits.		
Proj. No.	4010		
Student(s)	Chana Piekarski	Grade 7	Town Hamden
	Esther Caroline	Grade 7	Town New Haven

Stockholm Junior Water Prize

Award	Certificate, Letter, \$50 gift card to Amazon given by CSF, possible advance to further competition		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Non-Invasive Dissipation of 2,4-D Pesticide in Standing Water Using Iris Versicolor		
Proj. No.	3070		
Student(s)	Anne Merrill	Grade 10	Town Old Greenwich

Award	Certificate, Letter, \$50 gift card to Amazon given by CSF, possible advance to further competition		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Remediation of Heavy Metals from River Water via a Novel Lemna minor Activated On-line Filtration System		
Proj. No.	6021		
Student(s)	Nicholas Dorian	Grade 12	Town Riverside

Talcott Mountain Science Center

Award	Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Life Science		
School	Madina Academy	Windsor	Aisha Seyal
Project Title	Manufacturing and Biodegrading Bioplastics: Observing the speed of biodegradation of potato, rice, tapioca and corn starch based plastics.		
Proj. No.	2527		
Student(s)	Muhammad Ali	Grade 8	Town Windsor

Award	Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Phys Science		
School	Fields Memorial School	Bozrah	Mrs. E. Brown
Project Title	Greener Cleaner? Testing the Level of Phosphates in Everyday Cleaners		
Proj. No.	5532		
Student(s)	Megan Lavallee	Grade 8	Town Bozrah

The Children's Museum

Award	1 family 4-Pack of Admission Passes to the Children's Museum		
School	Betsy Ross Arts Magnet School	New Haven	Mrs. Cichus
Project Title	One Dog's Poop, Another Man's Treasure.		
Proj. No.	2022		
Student(s)	Brian Brigham	Grade 7	Town Orange

The Goodwin-Niering Center for the Environment

Award	\$100 for "Excellence in Environmental Conservation Studies"		
School	Danbury High School	Danbury	Mr. LaRosa
Project Title	The Biological Control of Zebra Mussels Using the Marine Natural Product Aaptamine.		
Proj. No.	3084		
Student(s)	Janine Kerr	Grade 9	Town Danbury

The Maritime Aquarium Environmental Stewardship Award

Award	1 year Family Membership, Family iMax, Family Cruise.		
School	Southern Connecticut Hebrew Academy	Orange	Karen J Howell
Project Title	Analysis of Local Watershed and River Contaminated Sediments, and Effect on River and Long Island Sound Waters		
Proj. No.	2507		
Student(s)	Hadassah Sessel	Grade 8	Town Orange

Award	1 year Family Membership, Family iMax, Family Cruise		
School	Bridgeport Aquaculture School	Bridgeport	Mr. Shadle
Project Title	The Investigation of the Role of Methylating Bacteria in the Reintroduction Of Mercury into Long Island Sound		
Proj. No.	6031		
Student(s)	Allison Haley	Grade 12	Town Shelton

The National Society of Professional Engineers

Award	Certificate, Lapel Pin,\$50 gift card to Amazon given by CSF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	Certificate, Lapel Pin,\$50 gift card to Amazon given by CSF		
School	Fairfield Warde High School	Fairfield	Andrew Bramante
Project Title	A Hidden Treasure; Dehumidification of Air Improves Indoor Air Quality		
Proj. No.	6045		
Student(s)	Sofia Bramante	Grade 10	Town Fairfield

U.S. Air Force

Award	Certificarte, sport bag, speaker, organizer		
School	Madina Academy	Windsor	Aisha Seyal
Project Title	Polypropylene Oil Magnets: A comparison of this novel approach using ferrofluids to established methods of oil spill removal including OEMs, woodchips, hay, and compost.		
Proj. No.	2515		
Student(s)	Ayesha Khan	Grade 8	Town Windsor

Award	Certificarte, sport bag, speaker, organizer		
School	John F. Kennedy Middle School	Plantsville	Pepin
Project Title	The Windy 500: The Test of Drag and Down Force on Rear Spoilers		
Proj. No.	4015		
Student(s)	Emily Maciejewski	Grade 8	Town Plantsville
	Laura Koba	Grade 8	Town Southington

Award	Certificate, sport bag, speaker, organizer		
School	St. Joseph School	Danbury	Mrs. Page
Project Title	How Does Caffeine Effect the Heart		
Proj. No.	2030		
Student(s)	Wes Gannon	Grade 7	Town Danbury

U.S. Army

Award	Certificate and \$50 savings bond		
School	Fishers Island School	Fishers Island	Carol Giles
Project Title	The Effect of Dance on Mood and Mental Acuity		
Proj. No.	3009		
Student(s)	Katie McCarthy	Grade 11	Town North Stonington

Award	Certificate and \$50 savings bond		
School	Guilford High School	Guilford	Mr. Curtis
Project Title	The Effect of Sodium Chloride on Heart Rate		
Proj. No.	3022		
Student(s)	Luke Malinowski	Grade 9	Town Guilford

Award	Certificate and \$50 savings bond		
School	Bethel High School	Bethel	Sharon Bly
Project Title	Methods of Cleaning up an Oil Spill		
Proj. No.	6025		
Student(s)	Elizabeth Locke	Grade 10	Town Bethel

Award	Certificate and \$50 savings bond		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	The Power of Domes Geodesic Domes Versus Flat Panels: Solar Efficiency		
Proj. No.	6044		
Student(s)	Daniel Giebisch	Grade 9	Town Woodbridge

Award	Silver medallion & Certificate & \$100 savings bond		
School	Guilford High School	Guilford	Mr. Cuddy
Project Title	EMDR:Successfully Treating PTSD		
Proj. No.	3032		
Student(s)	Allison Breeze	Grade 9	Town Guilford

U.S. Metric Association

Award	Certificate & \$50 gift card to Amazon given by CSF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Mycoremediation of PCB Soil Contaminants with Pleurotus Ostreatus		
Proj. No.	3042		
Student(s)	Mallory Madfes	Grade 11	Town Greenwich

Award	Certificate & \$50 gift card to Amazon given by CSF		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Recovery of Light Hydrocarbon Fuels from PETE Recycling with Concurrent Reduction in the Recyclable Footprint		
Proj. No.	6079		
Student(s)	Clara Eizayaga	Grade 11	Town Riverside

University of Connecticut - Physics Department

Award	UConn Early College Experience Program: Life Sciences - Co-Op \$100 Gift Certificate		
School	Sacred Heart Academy	Hamden	Dr. Elizabeth Christophy
Project Title	A Study of "Ebb and Flo" Aquaponics as the Most Effective Growing System for Romaine Lettuce as Compared to a Hydroponic and an Organic, Soil-Based, Growing System		
Proj. No.	3075		
Student(s)	Olivia Kelly	Grade 10	Town Shelton

Award	UConn Early College Experience Program: Physical Sciences - Co-Op \$100 Gift Certificate		
School	Greenwich High School	Greenwich	Andrew Bramante
Project Title	Design of a Smart Brick with Improved Insulation and Intuitive Reflection of Sunlight		
Proj. No.	6032		
Student(s)	Lindsey Noskin	Grade 11	Town Greenwich

Award	UConn Physics Department - Co-Op \$100 Gift Certificate		
School	Guilford High School	Guilford	Mr. Cuddy
Project Title	Finding the Perfect Basketball Shot		
Proj. No.	6036		
Student(s)	Alyssa Devin	Grade 9	Town Guilford

Westinghouse Electric Company/New England Chapter of North American Young

Award	1st place, Excellence in Energy Research, \$100 cash award		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	The Power of Domes Geodesic Domes Versus Flat Panels: Solar Efficiency		
Proj. No.	6044		
Student(s)	Daniel Giebisch	Grade 9	Town Woodbridge

Wilfred A. Müller Award

Award	\$150 cash award for creative use of mathematics		
School	St. Mark School	Stratford	Mr. Phil Flynn
Project Title	A Bright Idea: Comparing the Efficiency of Incandescent, CFL, and LED Light Bulbs		
Proj. No.	5022		
Student(s)	Megan Robertson	Grade 7	Town Stratford

Wisner Award

Award	\$250 cash and plaque		
School	Hartford Magnet Trinity College Academy	Hartford	Mrs. Parmelee
Project Title	Angling For Energy		
Proj. No.	5018		
Student(s)	Amrit Parmanand	Grade 8	Town Ellington

Yale Chapter of Sigma Xi, The Scientific Research Society

Award	Dinner at Mory's for four - with members of Yale Chapter of Sigma Xi		
School	Fairfield College Preparatory School	Fairfield	Dr. Lewis
Project Title	Novel Fiber Optic Dye Sensitized Solar Cell Aided by the Biosynthesis of Diatom Frustules		
Proj. No.	6008		
Student(s)	Kyle Ryan	Grade 11	Town Trumbull

Yale Peabody Museum

Award	Family "six-pack" of free passes to the Yale Peabody Museum		
School	St. Matthew School	Forestville	Danielle Ricci
Project Title	Make a Mummy Out of Me		
Proj. No.	2537		
Student(s)	George Pittman	Grade 8	Town Bristol

Award	Family "six-pack" of free passes to the Yale Peabody Museum		
School	Amity Regional High School	Woodbridge	Deborah Day
Project Title	Significance of Supernovae on Nearby Near-Supernova White Dwarves		
Proj. No.	6030		
Student(s)	Ehsan Khan	Grade 11	Town Bethany

Award	One year family membership		
School	Talcott Mountain Academy	Avon	Tom Noonan
Project Title	Do Ambient Temperatures Affect Bat Mortality?		
Proj. No.	2509		
Student(s)	Gwynne Domashinski	Grade 8	Town West Suffield

Award	One-Year Family Membership to the Yale Peabody Museum		
School	E. O. Smith High School	Storrs	Jon Swanson
Project Title	Determination of evolutionary relationships among coral species by comparison of nuclear and mitochondrial DNA markers		
Proj. No.	3017		
Student(s)	Jonas Burkhard	Grade 10	Town Mansfield Center

Award	One-Year Family Membership to the Yale Peabody Museum		
School	Greenwich Academy	Greenwich	Ann Decker
Project Title	Assessment of Lepidoptera Host Plant Preference at Mass Audubon's Felix Neck Wildlife Sanctuary		
Proj. No.	3072		
Student(s)	Elizabeth Wolf	Grade 10	Town Greenwich

Yale Science & Engineering Association, Inc.

Award	Certificate, Medallion,\$50 gift card to Amazon given by CSF		
School	Fairfield College Preparatory School	Fairfield	Dr. Lewis
Project Title	Novel Fiber Optic Dye Sensitized Solar Cell Aided by the Biosynthesis of Diatom Frustules		
Proj. No.	6008		
Student(s)	Kyle Ryan	Grade 11	Town Trumbull

Award	Certificate, Medallion,\$50 gift card to Amazon given by CSF		
School	E. O. Smith High School	Storrs	Robert Pirrie
Project Title	Membranes for Biochemical Separations		
Proj. No.	6026		
Student(s)	Paula Chen	Grade 11	Town Storrs