



Connecticut Science Fair

Quinnipiac University

March 15 - 19, 2011

Special Award Winners

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

Awards Legend
 Honors = 1st, 2nd, 3rd place ribbons
 (1st honors are CSF Finalists)

[SchTown] [School] [Teacher]
 [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s)

Avon Talcott Mountain Academy Mr. Pellino
 2001 L7 3 How Humidity Affects Fungal Growth
Student(s) Gwynne T. Domashinski **Grade 7** **Town** Suffield
 ● Yale Peabody Museum --- Family "six-pack" of free passes to the Yale Peabody Museum

Avon Talcott Mountain Academy Mrs. Bauer
 5513 P8 3 The Mathematics of Card Counting
Student(s) Brendan Forbes **Grade 8** **Town** Granby
 ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, membership to CT Science Center given by CSF
 ● American Society for Quality - Thames Valley Section --- \$500 U. S. Savings Bond

Bethel Bethel High School Ray Turek
 6006 PS 1 Can Bacteria Withstand the Power of UV Light?
Student(s) Brian Michalka **Grade 11** **Town** Bethel
 ● Science Horizons Senior High Awards --- Finalist - Senior High - \$100 & Medallion

Bethel Bethel High School Mr. Raymond Turek
 3043 LS 1 Super Weed: Allelopathic Inhibition of Garlic Mustard (Alliaria Petiolata) on Germination and Growth of Native Zinnia Seeds
Student(s) Julie M. Zeller **Grade 11** **Town** Bethel
 ● Connecticut College-Biological and Botany Department --- \$100 for excellence in the biological sciences
 ● Alumni Botany Awards --- Alumni High School Botany Award- \$100 Cash
 ● Science Horizons Senior High Awards --- Finalist - Senior High - \$100 & Medallion

Bozrah Fields Memorial School Evelyn Brown
 2508 L8 2 Fanwort: Friend or Foe?
Student(s) Marissa A. Digby **Grade 8** **Town** Bozrah
 ● Banning Family Life Science Award --- For excellence in invasive species research, \$100 cash

Bozrah Fields Memorial School Mrs. Brown
 5016 P7 2 Baseball Bat Comparison
Student(s) Coogan E. Pellerin **Grade 7** **Town** Bozrah
 ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, membership to CT Science Center given by CSF
 ● ISA - International Society for Automation --- 3rd - \$50 award

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[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Bozrah	Fields Memorial School	Ev Brown	2018	L7	2	Cracking Codes And Solving Ciphers		
					Student(s)	Connor S. Provost	Grade 7	Town Bozrah
<ul style="list-style-type: none"> ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, membership to CT Science Center given by CSF ● American Psychological Association --- Certificate, membership to CT Science Center given by CSF 								
Bozrah	Fields Memorial School	Mrs. Brown	5008	P7	2	Rocket Science		
					Student(s)	Jack A. Santo	Grade 7	Town Bozrah
<ul style="list-style-type: none"> ● The Howard Lessoff Award for Excellence in Physical Science Research --- \$100 check 								
Branford	Branford High School	Mrs. Elperina	6065	PS	2	Microprocessor square root algorithms		
					Student(s)	Brede E. Doerner	Grade 11	Town Branford
<ul style="list-style-type: none"> ● Intel Excellence in Computer Science Award --- \$200 & certificate ● IEEE, Connecticut Section --- \$250 Honors Award -Senior 								
Brewster	Brewster High School	Mr. Edward Schmidt	6057	PS	3	Application of Non-Newtonian Fluids for the Prevention of Sports Injuries		
					Student(s)	Drew Podgorski	Grade 10	Town Brewster
<ul style="list-style-type: none"> ● American Society of Safety Engineers, CT Valley Chapter --- \$150 grade 9-12 project 								
Brewster	Brewster High School	Mr. Schmidt	6075	PS	2	Biomimetic Insulation: Inspired by the eastern tent caterpillar and white-tailed deer		
					Student(s)	Madeleine L. Skaller	Grade 12	Town Brewster
<ul style="list-style-type: none"> ● Science Horizons Senior High Awards --- Finalist - Senior High - \$100 & Medallion 								
Bridgeport	Bridgeport Aquaculture School	Mr. Shadle	6013	PS	1	A Model Diesel Spill and Its Impact on Biological Oxygen Demand		
					Student(s)	Taylor A. Sambrook	Grade 12	Town Trumbull
<ul style="list-style-type: none"> ● Long Island Sound Foundation, Inc. --- \$500 Life Science/Environmental Science/Physical science ● David and Torrey Fenton Awards --- For creative work in the physical sciences- high school; \$200 cash ● Meyerand Young Woman Scientist Awards --- \$300 cash - High School, Physical Sciences ● Society of Women Engineers - Hartford Section --- Scientific Calculator 								
Bridgeport	Bridgeport Hope School	Elizabeth Deshotel	1010	LT	3	Rainforest		
					Student(s)	Shannon M. Gill	Grade 8	Town Bridgeport
						Gean M. Bernard	Grade 7	Town Bridgeport
<ul style="list-style-type: none"> ● Yale Peabody Museum --- Family "six-pack" of free passes to the Yale Peabody Museum 								

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Cheshire	St. Bridget School	Mr. Kerry Martens	5502	P8	1	What is the best packaging material for protecting a given object?		
		Student(s) Nicholas J. Indorf					Grade 8	Town Wallingford
							<ul style="list-style-type: none"> ● ASM Materials Education Foundation --- Certificate & membership to CT Science Center given by CSF& medallion 	
Danbury	Broadview Middle School	D. Rovnak	4014	PT	1	Earthquake		
		Student(s) Evan L. Coco					Grade 8	Town Danbury
		Tyler Amaral					Grade 8	Town Danbury
							<ul style="list-style-type: none"> ● ISA - International Society for Automation --- 2nd - \$75 award ● Harvey Hubbell Foundation Award --- \$100 For Excellence in Engineering 	
Danbury	Danbury High School	Marsha Turek	3024	LS	1	Biological Control of Ticks to Prevent Lyme Disease Using Entomopathogenic Nematodes		
		Student(s) Ryan D. Kerr					Grade 10	Town Danbury
							<ul style="list-style-type: none"> ● Milton Fisher Science Fair Award for Innovation and Creativity --- For Excellence in Creativity and Innovation by a High School student, \$200 cash ● Science Horizons Senior High Awards --- 1st Place Senior High - \$1,000 & All Expense Paid to Compete at Intel ISEF 	
Danbury	Immaculate High School	Mr. Hoyt	3510	LST	2	The antibiotic effects of antioxidant-rich cruciferous vegetables		
		Student(s) Adriana M. DeNardis					Grade 10	Town Danbury
		Merna Haddad					Grade 10	Town Danbury
							<ul style="list-style-type: none"> ● Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner 	
Danbury	St. Gregory the Great School	Mrs. Ferry	4007	PT	2	Motor Oil Madness		
		Student(s) John F. Cerrone					Grade 7	Town Danbury
		Griffin M. Henley					Grade 7	Town Danbury
							<ul style="list-style-type: none"> ● U.S. Air Force --- Certificate,charging stand, backpack, flash jotter bundle set 	
Danbury	St. Joseph School	Mrs. Jennifer Page	2519	L8	1	Outbreak! Predicting the modes and transmission rates of a human viral epidemic		
		Student(s) Janine A. Kerr					Grade 8	Town Danbury
							<ul style="list-style-type: none"> ● U.S. Air Force --- Certificate,charging stand, backpack, flash jotter bundle set ● Ricoh Corporation/Society for Science & the Public --- Certificate and membership to CT Science Center given by CSF ● Meyerand Young Woman Scientist Awards --- \$300 cash - Middle School Life Sciences 	
Danbury	St. Peter/Sacred Heart School	Mr. Greg Capone	5034	P7	1	A-MAZE-ing Robots: Data structures, Algorithms, and Modern Robotics		
		Student(s) Gabriel A. Correa					Grade 7	Town Danbury
							<ul style="list-style-type: none"> ● IEEE, Connecticut Section --- \$100 Honorable Mention 	

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
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Darien Darien High School Mr. David Lewis
 3041 LS 3 A Study of Egg Fertility Rate in Leatherback Sea Turtle Clutches Over the Nesting Season (March-June) at the Pacuare Reserve, Costa Rica

Student(s) Dana E. Howe **Grade** 12 **Town** Darien

- Yale Peabody Museum --- One year family membership to the Yale Peabody Museum

East Granby East Granby Middle School Mr. Paskewitz
 2537 L8 2 "Testing Eco-Friendly Plastics" How does the ingredients in a plastic affect it's biodegradability?

Student(s) Sydney T. Geer **Grade** 8 **Town** East Granby

- Ricoh Corporation/Society for Science & the Public --- Certificate and membership to CT Science Center given by CSF

East Granby East Granby Middle School Mr. Langan
 5049 P7 1 Helmet Impact Study - Which type of sports helmet absorbs the most impact?

Student(s) Gavin S. McConnell **Grade** 7 **Town** East Granby

- American Society of Safety Engineers, CT Valley Chapter --- \$100 grade 7-8 project

East Hartford East Hartford High School Mr. Reid
 6017 PS 3 Result of Flight Time of Moth Paper Airplanes with Different Tips

Student(s) Saad Islam **Grade** 10 **Town** East Hartford

- American Institute of Aeronautics & Astronautics - Connecticut Section --- \$200 award, certificate

East Haven East Haven Academy Mrs. Staires
 5006 P7 1 When I Change The Type of Antacid, How Many Milliliters of Stomach Acid Will Be Neutralized?

Student(s) Sarah E. Harkins **Grade** 7 **Town** East Haven

- David and Torrey Fenton Awards --- For creative work in the physical sciences- middle school; \$200 cash

Fairfield Fairfield College Preparatory School Mrs. O'Reilly
 6093 PS 2 Autonomous Kite Wind Generator to Capture Troposphere Winds

Student(s) Kyle T. Ryan **Grade** 10 **Town** Trumbull

- Northeast Utilities: Environmental Management --- Senior - \$250 Scholarship, energy conservation and renewable energy sources
- GENIUS Olympiad --- GENIUS Olympiad Competition for HS student (s) and advisor - 1st Place HS Energy

Fairfield Our Lady of the Assumption/Holy Family Kathy Almeida
 2534 L8 3 Do Certain Colors Affect the Rate of Convergent Lady Bug Activity?

Student(s) Michael N. Arias **Grade** 8 **Town** Bridgeport

- Yale Peabody Museum --- Family "six pack" of free passes to the Yale Peabody Museum

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Falls Village	Lee H. Kellogg School	Joseph Markow	2529	L8	3	The Density of Air Pores on Egg Shells		
Student(s) Hayley I. Kozlowski					Grade 8	Town Falls Village		
<ul style="list-style-type: none">● Yale Peabody Museum --- Family "six pack" of free passes to the Yale Peabody Museum								
Fishers Island	Fishers Island School	Carol Giles	3035	LS	2	The Effect of Temperature on Ocean Organisms		
Student(s) Samantha Grader					Grade 11	Town Groton		
<ul style="list-style-type: none">● Yale Peabody Museum --- One-Year Family Membership to the Yale Peabody Museum								
Glastonbury	Glastonbury High School	Ms. Pintavalle	3052	LS	2	Convergent song evolution between two allopatric green lacewing species, <i>C. "emerald"</i> and <i>C. pallida</i>		
Student(s) John D. Foster					Grade 12	Town Glastonbury		
<ul style="list-style-type: none">● Lola Lampe Müller Award --- \$150 cash for a middle or high school project● Education Connection - Center for 21st Century Skills Awards --- \$100 For innovative use of technology to advance science or engineering● Yale Peabody Museum --- One year family membership to the Yale Peabody Museum								
Glastonbury	Glastonbury High School	Diane Pintavalle	6027	PS	1	A Surprising Geometric Transformation		
Student(s) Chung Su Hong					Grade 12	Town Glastonbury		
<ul style="list-style-type: none">● Mu Alpha Theta --- Certificate, membership to CT Science Center given by CSF								
Glastonbury	Glastonbury High School	Diane Pintavalle	3062	LS	1	Comparisons of Aortic Stiffness using a Hooke's law Derived Spring Constant Between Aneurysm and Non-Aneurysm Groups		
Student(s) Rahul Sehgal					Grade 12	Town Rocky Hill		
<ul style="list-style-type: none">● Mu Alpha Theta --- Certificate, membership to CT Science Center given by CSF								
Glastonbury	Smith Middle School	Mr. Steve Falcigno	5043	P7	2	A Study of the Voltage Characteristics of Electrolytic Rectifiers		
Student(s) Paul J. Han					Grade 7	Town Glastonbury		
<ul style="list-style-type: none">● IEEE, Connecticut Section --- \$100 Honorable Mention● Wisner Award --- \$250 cash and plaque● Dreams Unlimited --- \$100 cash award + certificate								
Glastonbury	Smith Middle School	Mrs. Nichols	5013	P7	3	Wood Strength		
Student(s) Nicole Wiedemer					Grade 7	Town Glastonbury		
<ul style="list-style-type: none">● American Society for Metals - Hartford Chapter --- \$100 Check								

[SchTown] [School] [Teacher]
 [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s)

Greens Farms Greens Farms Academy Sara Campolettano

3001 LS 2 The Investigation of the Biological Health of the New Creek Salt Marsh through Water Quality Testing and Species Identification of Benthic Invertebrates

Student(s) Allison C. Kruk **Grade** 12 **Town** Easton

- Mystic Aquarium --- \$100
- Yale Peabody Museum --- One-Year Family Membership to the Yale Peabody Museum
- GENIUS Olympiad --- GENIUS Olympiad Competition for HS student (s) and advisor -Biodiversity

Greens Farms Greens Farms Academy Dr. Freeman

2032 L7 1 Algae Biofuels

Student(s) Lydia Picoli **Grade** 7 **Town** Wilton

- Alumni Botany Awards --- Alumni Middle School Botany Award- \$100 Cash

Greenwich Greenwich High School Andrew Bramante

6020 PS 2 Solid State Thermoelectric Power Generation Using Strategic Household Placement

Student(s) Carl O. Akerman **Grade** 11 **Town** Greenwich

- Yale Science & Engineering Association, Inc. --- Certificate, Medallion, membership to CT Science Center given by CSF

Greenwich Greenwich High School Mr. Bramante

3007 LS 2 Improved Antibacterial Wrapping Using Graphene Oxide Coated Paper

Student(s) Warren Z. Bein **Grade** 11 **Town** Riverside

- Society for In Vitro Biology --- Certificate and membership to CT Science Center given by CSF

Greenwich Greenwich High School Andrew Bramante

3020 LS 1 Exploration of the GastroIntestinal Health Benefits of Anthocyanins in Blackcurrant Berries

Student(s) Philip W. Geske **Grade** 11 **Town** Riverside

- Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner

Greenwich Greenwich High School Andrew Bramante

6040 PS 1 Electrified Nanoscale Architecture in Mixed Matrix Membranes as a Means of Rapid Throughput Water Sterilization

Student(s) Will B. Hallisey **Grade** 11 **Town** Greenwich

- Stockholm Junior Water Prize --- Certificate, Letter, membership to CT Science Center given by CSF, possible advance to further competition

Greenwich Greenwich High School Andrew Bramante

6090 PS 2 Statistical machine translation with syntactic weighting of target-language translation probabilities

Student(s) Connor M. Harris **Grade** 11 **Town** Riverside

- Yale Science & Engineering Association, Inc. --- Certificate, Medallion, membership to CT Science Center given by CSF
- Education Connection - Center for 21st Century Skills Awards --- \$100 For innovative use of technology to advance science or engineering

[SchTown] [School] [Teacher]
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Greenwich Greenwich High School Andrew Bramante

6071 PS 2 Improved Spectral Response of Dye Sensitized Solar Cells through Red-Shift Fluorescence Resonance Energy Transfer (FRET)

Student(s) Thomas C. Newberry **Grade** 11 **Town** Riverside

- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift certificate

Greenwich Greenwich High School Mr. Andrew Bramante

6054 PS 1 Visible Illumination of Ferroelectric BiFeO₃ Thin Films to Produce a Polarization-Dependent Bulk Photovoltaic Effect

Student(s) James P. O'Sullivan **Grade** 11 **Town** Old Greenwich

- U.S. Metric Association --- Certificate & membership to CT Science Center given by CSF
- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift certificate
- IEEE, Connecticut Section --- \$100 Honorable Mention
- Coherent, Inc. Richard Hart Award for Excellence in Photonics --- \$300 cash, plaque, invitation to lunch and tour Coherent factory

Greenwich/Riverside Eastern Middle School Brian Carstens

5009 P7 1 A Cost-Effective, Eco-Friendly Weather Monitoring UAV.

Student(s) Paul J. Hansel **Grade** 7 **Town** Old Greenwich

- American Institute of Aeronautics & Astronautics - Connecticut Section --- \$200 award, certificate
- John B. Trevor Award in Electrical Engineering --- \$500 cash award for an innovative electronic or electrical project
- Leask/Francoeur Family Awards --- 1st Place Middle School- For innovation electrical engineering or computer science - \$100 cash
- Talcott Mountain Science Center --- Talcott Mountain Scholarship

Guilford E.C. Adams Middle School Ms. Meyerjack

5028 P7 1 The Effect of Salt on the Amount of Hydrogen Produced by the Electrolysis of Water

Student(s) Sean J. Hackett **Grade** 7 **Town** Guilford

- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, membership to CT Science Center given by CSF

Guilford Guilford High School John Cuddy

3004 LS 3 Water Treatment Residual Solids: The New "Miracle Grow"?

Student(s) Taylor N. Hudak **Grade** 9 **Town** Guilford

- U.S. Metric Association --- Certificate & membership to CT Science Center given by CSF

Hamden Sacred Heart Academy Mrs. Brownell

3016 LS 1 Role of Karyogamy Genes in Nuclear Pore Complex Assembly

Student(s) Dominika A. Bajguz **Grade** 12 **Town** Naugatuck

- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift certificate
- Biophysical Society --- Biophysics Award - \$100

Hamden Sacred Heart Academy Sr. Mary Jane Paoletta

3053 LS 1 The Effect of Escherichia Coli in the Female Genital Tract

Student(s) Amanda P. Kelly **Grade** 12 **Town** Shelton

- U.S. Army --- Silver medallion & Certificate & \$100 savings bond

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Hamden	Sacred Heart Academy	Mrs. Frances Saukas	3079	LS	2	A Comparative Study of Herbs Grown Using an Aquaponic vs. a Hydroponic Growing System		
		Student(s) Olivia N. Kelly					Grade 9	Town Shelton
								<ul style="list-style-type: none"> ● GENIUS Olympiad --- GENIUS Olympiad Competition for HS student (s) and advisor - Ecology ● University of Connecticut - Physics Department --- UCONN Early College Experience Program: Life Sciences - \$200 U.S. Savings Bond
Hamden	Sacred Heart Academy	Mrs. Pamela Brownell	6505	PST	1	The Structural Feasibility of Pykrete		
		Student(s) Raeanne Nuzzo					Grade 10	Town North Haven
		Yasmine Shreiteh					Grade 10	Town Guilford
								<ul style="list-style-type: none"> ● Connecticut Architecture Foundation --- \$100 U.S. Savings Bond
Hartford	Classical Magnet School	Thomas Holloway	6508	PST	1	Green Your PC		
		Student(s) Haley B. Troy					Grade 11	Town Manchester
		Jordan S. Kunzika					Grade 11	Town Hartford
								<ul style="list-style-type: none"> ● Stanley Lessoff Award for Excellence In Analytical Technique --- \$200 Cash and Plaque
Hartford	Grtr Hartford Academy of Math and Science	Dr. Aramli	3080	LS	3	The Effects of Artificial Sweeteners on Escherichia Coli Growth		
		Student(s) Matthew M. Mashayekhi					Grade 11	Town Ellington
								<ul style="list-style-type: none"> ● Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner
Hartford	SS. Cyril and Methodius School	Ms. Powell	4023	PT	3	Wind Turbines! How much electric energy can be produced by wind turbines?		
		Student(s) Erika M. Diaz					Grade 7	Town Hartford
		Goddess Gilbert					Grade 7	Town Hartford
								<ul style="list-style-type: none"> ● American Meteorological Society --- Certificate & membership to CT Science Center given by CSF
Hebron	Oei Homeschool	Ellen McHugh	5030	P7	1	Prototype Design of an Electricity Generating Shoe Utilizing a Pumped Air Turbine.		
		Student(s) Maura C. Oei					Grade 7	Town Hebron
								<ul style="list-style-type: none"> ● IEEE, Connecticut Section --- \$100 Honorable Mention
Hebron	RHAM High School	Mrs. Kristin Spinelli	6513	PST	2	The Effects of Different Atmospheric Gases on Solar Energy		
		Student(s) Katie Savage					Grade 9	Town Amston
		Olivia Tarca					Grade 9	Town Hebron
								<ul style="list-style-type: none"> ● Air and Waste Management Association, Connecticut Chapter --- \$100 Senior, Environmental Research, air pollution related

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Madison	Walter C Polson Middle School	Madhuparna Roychoudhury	5566	P8	2	Is that Battery really dead? And what are the limits of battery chemistry?		
					Student(s)	Shayan Roychoudhury	Grade 8	Town Madison
<ul style="list-style-type: none"> FuelCell Energy --- Fuel Cell Car and Experiment Kit (\$150) + Jacket (\$50) + Pen (\$25) and Certificate 								
Manchester	East Catholic High School	Ms. Noble	6072	PS	2	Applying the Principles of the Tesla Engine to Design and Construct a Prototype of a Bladeless Wind Turbine		
					Student(s)	Bridget M. Oei	Grade 9	Town Hebron
<ul style="list-style-type: none"> Society of Women Engineers - Hartford Section --- Scientific Calculator MIT Club of Hartford Awards --- For excellence in energy related research, high school, \$150 cash award ProConn Power Inc. Award for Sustainable Electrical Energy Research --- \$250 for Excellence in Sustainable Electrical Energy Research The Arthur Mensing Award --- \$500 cash award for excellence in the physical sciences Yale Chapter of Sigma Xi, The Scientific Research Society --- Dinner at Mory's for four - with members of Yale Chapter of Sigma Xi University of Connecticut - Physics Department --- Physics Department UCONN Co-Op \$75 Gift Certificate 								
Manchester	East Catholic High School	Ms. Holly Noble	6050	PS	1	Development of a Composite Clay Polymer Sponge for Remediation of Oil Contaminated Water.		
					Student(s)	Theresa A. Oei	Grade 12	Town Hebron
<ul style="list-style-type: none"> Southeastern New England Marine Educators --- \$75 award and membership in SENEME - 1st Place Senior & T-Shirt University of Connecticut - Physics Department --- UCONN Early College Experience Program: Physical Sciences - \$200 U.S. Savings Bond 								
Manchester	St. Bridget School	Ms. Kim Maysonet	5023	P7	2	The Effect Of Temperature On The Viscosity Of Motor Oil		
					Student(s)	Nicole Robitaille	Grade 7	Town Manchester
<ul style="list-style-type: none"> ASM Materials Education Foundation --- Certificate & membership to CT Science Center given by CSF & medallion 								
Middlefield	Independent Day School	Charlotte Stutz	2538	L8	2	How does preconditioning of the mind effect sports performance?		
					Student(s)	Tyler Mulberry	Grade 8	Town Middletown
<ul style="list-style-type: none"> American Psychological Association --- Certificate, membership to CT Science Center given by CSF 								
Middlefield	Independent Day School	Charlotte Stutz	5504	P8	3	Does the amount of weight placed on a hovercraft determine the distance it will travel?		
					Student(s)	Insia Naqvi	Grade 8	Town Middletown
<ul style="list-style-type: none"> U.S. Air Force --- Certificate, charging stand, backpack, flash jotter bundle set 								
Milford	St. Gabriel School	Mrs. Schnakenberg	5521	P8	3	Carbon Dioxide (CO ₂) and Global Warming		
					Student(s)	Melissa M. Hanania	Grade 8	Town Milford
<ul style="list-style-type: none"> Association for Women Geoscientists --- Certificate & membership to CT Science Center given by CSF 								

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New Britain	Sacred Heart School	Mrs. Wasielewski	5509	P8	3	Vortices and Density		
Student(s) Nadrina M. Ebrahimi					Grade 8	Town New Britain		
<ul style="list-style-type: none"> ● Wilfred A. Müller Award --- \$150 cash award for creative use of mathematics 								
New Britain	Sacred Heart School	Dr. Michael Davis	2527	L8	2	Bacteria in a Bag		
Student(s) Simone T. Jaros					Grade 8	Town New Britain		
<ul style="list-style-type: none"> ● Sr. Mary Christine Life Sciences Award --- \$100 and plaque for excellence in the life sciences by a middle school project 								
New Haven	Engineering & Science University Magnet	Dr. Marjorie Edmonds-Lloyd	5563	P8	3	Material vs. Magnetism		
Student(s) J. S. Joseph II					Grade 8	Town New Haven		
<ul style="list-style-type: none"> ● American Society for Metals - Hartford Chapter --- \$100 Check 								
New Haven	High School in the Community	Paul Jones	6011	PS	2	Wind Generator Efficiency		
Student(s) Max Pelloth					Grade 10	Town Milford		
<ul style="list-style-type: none"> ● Environmental/ Energy Award- New Haven Public School Student --- \$100 Award for top environmental or alternative energy project from a New Haven public school 								
New Milford	New Milford High School	Ms. Langrebe	3087	LS	3	How Macroinvertebrates in Tributaries of the Housatonic River Relate to Pollution		
Student(s) Erin Kersten					Grade 11	Town New Milford		
<ul style="list-style-type: none"> ● Project Oceanology --- Individual - Book + 2 tickets, First Place Senior, check for \$100, t-shirt ● Science Horizons Senior High Awards --- Finalist - Senior High - \$100 & Medallion 								
New Milford	New Milford High School	Mr. Felten	6060	PS	2	What are the most desirable sources of mud for a microbial fuel cell?		
Student(s) Tara E. Larkin					Grade 11	Town New Milford		
<ul style="list-style-type: none"> ● FuelCell Energy --- Fuel Cell Car and Experiment Kit (\$150) + Jacket (\$50) + Pen (\$25) and Certificate ● Science Horizons Senior High Awards --- Finalist - Senior High - \$100 & Medallion 								
New Milford	New Milford High School	Virginia Landgrebe	3078	LS	2	The Contribution of Nitric Oxide to the Strength of Viral Immunity in Soybeans		
Student(s) Ana C. Vargas					Grade 11	Town New Milford		
<ul style="list-style-type: none"> ● Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner 								

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New Milford	New Milford High School	Ms. Reed	3050	LS	1	Methicillin-Resistant Staphylococcus Aureus (MRSA) in New Milford High School		
			Student(s)		Toni Viola	Grade	11	Town New Milford
<ul style="list-style-type: none">● Society for In Vitro Biology --- Certificate and membership to CT Science Center given by CSF● Meyerand Young Woman Scientist Awards --- \$300 cash - High School, Life Sciences● Science Horizons Senior High Awards --- 1st Place Senior High - \$1,000 & All Expense Paid to Compete at Intel ISEF								
Newtown	St. Rose of Lima School	Marde Dimon	5020	P7	2	Truss-t In Your Bridge		
			Student(s)		Dominic C. Pagliaro	Grade	7	Town Sandy Hook
<ul style="list-style-type: none">● National Society of Professional Engineers --- Certificate, Lapel Pin, membership to CT Science Center given by CSF								
Newtown	St. Rose of Lima School	Mrs. Dimon	5055	P7	1	(Vitamin) C How Sweet It Is		
			Student(s)		Matthew Pelisson	Grade	7	Town Sandy Hook
<ul style="list-style-type: none">● Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner								
Newtown	St. Rose of Lima School	Marde Dimon	2514	L8	1	Improved Process for Bioremediation of Oil Contaminated Seawater		
			Student(s)		Haley M. Ryan	Grade	8	Town Newtown
<ul style="list-style-type: none">● Connecticut Valley Biological Supply Company, Inc. --- \$50 Gift Certificate w/catalog								
Norwalk	Norwalk High School	Frank Moffett	6012	PS	2	Using a Laser to Measure the Speed of Light in Jello		
			Student(s)		Christopher D. Burr	Grade	9	Town Norwalk
<ul style="list-style-type: none">● Henderson Award --- certificate and 1 year pass for two for the CT Science Center given by CSF								
Norwalk	The Montessori Middle School	David Lavallee	5554	P8	1	Airlift Water Pumping		
			Student(s)		Eric Smith	Grade	8	Town Norwalk
<ul style="list-style-type: none">● Milton Fisher Science Fair Award for Innovation and Creativity --- For Excellence in Creativity and Innovation by a Middle School student, \$100 cash								
Norwalk	West Rocks Middle School	Ms. Delong	5549	P8	1	Slingshot Science		
			Student(s)		Daniel K. Lott	Grade	8	Town Norwalk
<ul style="list-style-type: none">● ISA - International Society for Automation --- 1st - \$125 award● Dreams Unlimited --- \$100 cash award + certificate								

Connecticut Science Fair

Special Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Norwich	Norwich Free Academy	Robert Johnson	6518	PST	2	Programming a LEGO NXT Robot to Work as a Search and Rescue Robot		
		Student(s)				Miranda R. Cirrito	Grade 9	Town Bozrah
						Remington J. Carle	Grade 10	Town Norwich
								<ul style="list-style-type: none"> ● Intel Excellence in Computer Science Award --- \$200 & certificate
Norwich	Norwich Free Academy	Mr. Robert V Johnson	6029	PS	1	Impact of Turbine Design on Renewable Energy Storage System Efficiency		
		Student(s)				Ian D. Dakers	Grade 11	Town Bozrah
								<ul style="list-style-type: none"> ● GENIUS Olympiad --- GENIUS Olympiad Competition for HS student (s) and advisor -Environmental
Orange	Southern Connecticut Hebrew Academy	Mrs. Karen Howell	2521	L8	1	Quantitative Analysis of Hypoxia and Its' Causes in Long Island Sound's Estuary		
		Student(s)				Boruch S. Hecht	Grade 8	Town Norwalk
								<ul style="list-style-type: none"> ● Project Oceanology --- Individual - Book + 2 tickets, First Place Junior, check for \$100, t-shirt ● Schoepfer Award for Excellence in Local Aquatic Science --- For excellence in a local water quality study, \$100 cash
Orange	Southern Connecticut Hebrew Academy	Mrs. Howell	2509	L8	2	Effect of Bioremediation Nutrient Cultures on Degradation of Oil Spills, and Effect on Sand and Marsh Grass.		
		Student(s)				Chaim M. I. Hodakov	Grade 8	Town New Haven
								<ul style="list-style-type: none"> ● Southeastern New England Marine Educators --- \$75 award and membership in SENEME - 1st Place Junior & T-Shirt ● Air and Waste Management Association, Connecticut Chapter --- \$100 Junior, Environmental Research, waste recycling related
Orange	Southern Connecticut Hebrew Academy	Mrs. Karen Howell	5518	P8	1	The Buffering Capacity of Various Types of Soils and Grasses on Acid Rain		
		Student(s)				Moshe Y. Piekarski	Grade 8	Town Hamden
								<ul style="list-style-type: none"> ● Air and Waste Management Association, Connecticut Chapter --- \$100 Junior, Environmental Research, air pollution related ● CSF Board of Directors Award --- Certificate & membership
Oxford	Oxford High School	Mrs. Doherty	6048	PS	2	Design and Testing of Two-step Arsenic - remediating water filtration system (year two)		
		Student(s)				Joseph A. Bonavita Jr	Grade 12	Town Oxford
								<ul style="list-style-type: none"> ● U.S. Army --- Certificate and \$50 savings bond ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift certificate
Oxford	Oxford High School	Ms. Doherty	3038	LS	2	Novel Approach for Microbial Fuel Cell Energy Generation		
		Student(s)				Samantha M. Ramsay	Grade 10	Town Oxford
								<ul style="list-style-type: none"> ● CT Technology Council Youth Innovation Award --- \$150 Cash Award for Technological Innovation

Connecticut Science Fair

Special Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Oxford	Oxford High School	Mrs. Granucci	6002	PS	2	Using Refinery Produced CO ₂ Emissions to Form Limestone Aggregate Industrial Grade Cement, Calcium Carbonate. When Combined With Calcium.		
Student(s) Jared A. Schulman			Grade 11		Town Oxford			
<ul style="list-style-type: none">● Connecticut Association of Physics Teachers --- \$100 Senior project								
Pawcatuck	St. Michael School	Mr DeNoia	2009	L7	2	A Dancers Learning Style - Are they the same for Academics and Dance?		
Student(s) Taylor M. Hanes			Grade 7		Town Pawcatuck			
<ul style="list-style-type: none">● Connecticut Academy of Audiology --- \$150 Cash Award High School- For Excellence in Audiology and Acoustics								
Pawcatuck	St. Michael School	Mr. DeNoia	5516	P8	3	The Effect of Blade Design on The Electrical Output of a Vertical Axis Wind Turbine		
Student(s) Catherine E. Montalto			Grade 8		Town Westerly			
<ul style="list-style-type: none">● IEEE, Connecticut Section --- \$250 Honors Award -Junior								
Plantsville	John F. Kennedy Middle School	Mrs. Pamela Pepin	4002	PT	2	The Silver Saucers		
Student(s) Margaret A. Mellitt			Grade 8		Town Southington			
Student(s) Katherine J. Mellitt			Grade 8		Town Southington			
<ul style="list-style-type: none">● American Society of Safety Engineers, CT Valley Chapter --- \$100 grade 7-8 project								
Putnam	Putnam Science Academy	Hakan Duman	3501	LST	3	Enhancing the Plant Growth and Reducing the Greenhouse Gas Emissions by Using Single Mode Fiber Optics to Transmit Sunlight		
Student(s) Abdul V. Bektas			Grade 11		Town Putnam			
Student(s) Alperen F. Tuzuner			Grade 11		Town Putnam			
Student(s) Yusuf Eraslan			Grade 11		Town Putnam			
<ul style="list-style-type: none">● Northeast Utilities: Environmental Management --- Senior - \$250 Scholarship, pollution prevention, source reduction, recycling, min. waste								
Putnam	Putnam Science Academy	Ahmet Hakan Duman	3513	LST	1	Utilizing Autumn Foliage as an Alternative Energy Source and as an Absorbing Agent for Oil Spills		
Student(s) Ozkan Cil			Grade 12		Town Putnam			
Student(s) Selahaddin S. Ozkan			Grade 11		Town Putnam			
Student(s) Fehmi E. Agaoglu			Grade 11		Town Putnam			
<ul style="list-style-type: none">● Air and Waste Management Association, Connecticut Chapter --- \$100 Senior, Environmental Research, waste recycling related								
Putnam	Putnam Science Academy	Fatih Cekic	6014	PS	2	Improving the Efficiency of Robotic Arm Movement through Advanced Geometric Calculations		
Student(s) Serik Tukupov			Grade 10		Town Putnam			
<ul style="list-style-type: none">● Society of Women Engineers - Hartford Section --- Scientific Calculator								

Connecticut Science Fair

Special Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Putnam	Putnam Science Academy	Serdar Haytiyev	6516	PST	1	Using Citrus Fruit Peels as Environmentally Friendly and Low Cost Bio-Sorbents to Effectively Remove Phenol from Industrial Wastewater		
	Student(s)	Yusuf Yilmaz					Grade 12	Town Putnam
		Fadil A. Sencan					Grade 12	Town Putnam
		Abdurrahman Cam					Grade 12	Town Putnam
		<ul style="list-style-type: none"> ● Stockholm Junior Water Prize --- Certificate, Letter, member ship to CT Science Center given by CSF, possible advance to further competition 						
Redding	Joel Barlow High School	Dr. Katherine Nuzzo	3008	LS	3	Efficacy of Solar Disinfection Using Artificial Sunlight Versus a Composite of Infrared, Ultraviolet, and Visible Light		
	Student(s)	Caroline Caglioni					Grade 12	Town Redding
		<ul style="list-style-type: none"> ● U.S. Army --- Certificate and \$50 savings bond 						
Ridgefield	East Ridge Middle School	Deborah Sullivan	1001	LT	1	Just How Toxic Are Aerosols?		
	Student(s)	Adeleine Hupy					Grade 8	Town Ridgefield
		Olivia Miloro					Grade 8	Town Ridgefield
		<ul style="list-style-type: none"> ● Connecticut State Department of Health Laboratory Employees --- \$75 award 						
Ridgefield	East Ridge Middle School	David Bozzuto	5506	P8	3	Stealthy Shapes		
	Student(s)	Ryan M. McSpedon					Grade 8	Town Ridgefield
		<ul style="list-style-type: none"> ● U.S. Air Force --- Certificate,charging stand, backpack, flash jotter bundle set 						
Ridgefield	East Ridge Middle School	Mr. Walsh	5561	P8	2	Building Multi-Purpose Craft		
	Student(s)	Gurumeher Sawhney					Grade 8	Town Ridgefield
		<ul style="list-style-type: none"> ● National Society of Professional Engineers --- Certificate, Lapel Pin, membership to CT Science Center given by CSF 						
Rye, NY	Rye Country Day School	Dr. Mary Krasovec	3003	LS	1	Development and Characterization of a Novel Listeria-Caspase-3 DNA Vaccine to Eradicate Metastatic Breast Cancer		
	Student(s)	Swathi Krishnan					Grade 12	Town Stamford
		<ul style="list-style-type: none"> ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift certificate 						
Sandy Hook	Newtown High School	Dejulio	6067	PS	3	Strong Bars		
	Student(s)	Kurt Liniger					Grade 11	Town Newtown
		<ul style="list-style-type: none"> ● American Society of Safety Engineers, CT Valley Chapter --- \$150 grade 9-12 project 						

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
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Shelton	Shelton High School	Mrs. Pickett	6510	PST	1	Eggs-traordinary Strength		
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Student(s)	John D. Hunter	Grade 9	Town	Shelton
	Kristian R. Schif	Grade 9	Town	Shelton

- Connecticut Architecture Foundation --- \$100 U.S. Savings Bond

Southington	DePaolo Middle School	Mr. Young	1016	LT	1	Is Fresh Water Safe To Drink?		
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Student(s)	Mack R. Golos	Grade 8	Town	Southington
	Jake T. Moise	Grade 8	Town	Southington

- National Oceanic and Atmospheric Administration --- Certificate, medallion, and membership to CT Science Center given by CSF

Southington	St. Thomas School	Mrs. Pelczar	5050	P7	1	Well Depth and Contamination		
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Student(s)	Caleigh M. Waskowicz	Grade 7	Town	Southington
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- Meyerand Young Woman Scientist Awards --- \$300 cash - Middle School, Physical Sciences
- Randy Gibson Award for Earth Science Research --- \$100 cash and plaque

Stafford Springs	St. Edward School	Mrs. Milnes	5559	P8	3	Ion Engines: A Superior Deep Space Propulsion Method		
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Student(s)	Benjamin S. Teerlinck	Grade 8	Town	Monson
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- Barker Mohandas Award for Transportation Research --- \$250 Cash for Excellence in Transportation Related Research

Stratford	St. Mark School	Philip Flynn	5560	P8	1	Cosmic Rays: Comparing the Frequency of Muon Strikes with Heliospheric and Atmospheric Variables		
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Student(s)	Emily M. Robertson	Grade 8	Town	Stratford
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- Astronomical Society of Greater Hartford --- Junior Project- \$100 and ASGH meeting invitation
- Connecticut College-Physics, Astronomy, & Geophysics Dept. --- \$100 and certificate, Junior Physics & teeshirt

Stratford	St. Mark School	Mr. Flynn	1012	LT	2	Desalination!		
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Student(s)	Nicole M. Terrizzi	Grade 8	Town	Stratford
	Margaret M. Gallagher	Grade 8	Town	Stratford

- American Meteorological Society --- Certificate & membership to CT Science Center given by CSF

Wallingford	Choate Rosemary Hall	Lawrence Stowe	3066	LS	1	Biodegradation of Polylactide Nanoweb Electrospun for Freshwater Harmful Algal Bloom Removal		
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Student(s)	Joshua S. Kim	Grade 11	Town	Wallingford
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- The Goodwin-Niering Center --- \$100 for "Excellence in Environmental Conservation Studies"
- Long Island Sound Foundation, Inc. --- \$500 Life Science/Environmental Science/Physical science

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Watertown	The Taft School	William Kron	6092	PS	2	Design and Construction of a Linear Particle Accelerator		
					Student(s) Matthew A. Petroff	Grade 12	Town Cheshire	
<ul style="list-style-type: none"> ● Connecticut College-Physics, Astronomy, & Geophysics Dept. --- \$100 and certificate, Senior Physics & teeshirt ● IEEE, Connecticut Section --- \$100 Honorable Mention 								
West Hartford	Solomon Schechter Day School	Barbra Varnum	2012	L7	2	The Hidden Dangers of Cell Phone Radiation		
					Student(s) Benjamin T. Rosenblatt	Grade 7	Town Glastonbury	
<ul style="list-style-type: none"> ● The Children's Museum --- 1 family plus membership to the Children's Museum 								
West Hartford	St. Timothy Middle School	Mrs. Battaglia/Mrs. Breen	5051	P7	2	Quest for Quietness		
					Student(s) Stephen Gosselin	Grade 7	Town West Hartford	
<ul style="list-style-type: none"> ● American Society of Safety Engineers, CT Valley Chapter --- \$100 grade 7-8 project 								
West Hartford	St. Timothy Middle School	Mrs. Christine Simao-Breen	5538	P8	1	Aerodynamics: A Study in the Improvement of Auto Body Aerodynamic Efficiency		
					Student(s) Sean Oleasz	Grade 8	Town West Simsbury	
<ul style="list-style-type: none"> ● Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, membership to CT Science Center given by CSF 								
Weston	Weston High School	Ms. Lauren Hauser	3065	LS	1	Prevention of Cardiovascular Disease: The Antiseptic Effect of Syzygium aromaticum on Periodontal Disease		
					Student(s) Sagar N. Kaushik	Grade 12	Town Weston	
<ul style="list-style-type: none"> ● Connecticut Science Supervisors Association --- \$125 for a high school project 								
Westport	Coleytown Middle School	Jodi Rieman	2526	L8	1	Association of Polymorphisms in Rheumatoid Arthritis and Juvenile Rheumatoid Arthritis Susceptibility Genes		
					Student(s) Malin S. Hovstadius	Grade 8	Town Westport	
<ul style="list-style-type: none"> ● Connecticut Valley Biological Supply Company, Inc. --- \$50 Gift Certificate w/ catalog 								
Westport	Staples High School	Dr. Morgan	6010	PS	3	The Evaluation, Design & Application of a Military Class Gunship Subsequent Analysis of United States Air Force Fleet		
					Student(s) Brandon L. Edelson	Grade 12	Town Westport	
<ul style="list-style-type: none"> ● U.S. Air Force --- Certificate, charging stand, backpack, flash jotter bundle set 								
Westport	Staples High School	Dr. Nicholas Morgan	6064	PS	2	Evaluation of Venting-to-Coolant in Sodium-Cooled Fast Neutron Reactors		
					Student(s) Tessa D. Green	Grade 12	Town Westport	
<ul style="list-style-type: none"> ● Westinghouse Electric Company/New England Chapter of North American Young Generation in Nuclear --- 1st place, Excellence in Energy Research, \$100 cash award 								

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Westport	Staples High School	Dr. Aaron Steiner	3027	LS	1	An Approach to Treating Sensorineural Hearing Loss through the Identification and Characterization of Mechanosensory Hair Cell Progenitors in the Zebrafish Lateral Line		
Student(s) Joshua M. Greenberg			Grade 12		Town Westport			
<ul style="list-style-type: none"> American Society of Safety Engineers, CT Valley Chapter --- \$150 grade 9-12 project Connecticut Academy of Audiology --- \$150 Cash Award Middle School- For Excellence in Audiology and Acoustics 								
Westport	Staples High School	Dr. Nick Morgan	6074	PS	1	Modeling an Optimal Receiver for a Binary Quantum Channel Using Information Theory		
Student(s) Yuri D. Lenskiy			Grade 12		Town Westport			
<ul style="list-style-type: none"> U.S. Army --- Certificate and \$50 savings bond 								
Westport	Staples High School	Dr. Nicholas Morgan	6039	PS	1	Computational Investigation of Astrophysical Nuclear Reaction Rate Dominance		
Student(s) Rachel A. Myers			Grade 12		Town Westport			
<ul style="list-style-type: none"> U.S. Army --- Certificate and \$50 savings bond Astronomical Society of Greater Hartford --- Senior Project- \$150 and ASGH meeting invitation Leask/Francoeur Family Awards --- 1st Place High School- For innovation electrical engineering or computer science - \$200 cash 								
Windsor	Madina Academy	Mehwish Amin	2501	L8	1	The Effect of pH on the Electrical Output of a Microbial Fuel Cell		
Student(s) Aasiya M. Ahmed			Grade 8		Town Tolland			
<ul style="list-style-type: none"> U.S. Air Force --- Certificate, charging stand, backpack, flash jotter bundle set 								
Windsor	Madina Academy	Aisha Seyal	1014	LT	2	Effects of composting leaves, coffee grounds, vegetables, or fruits compared to store-bought fertilizer and regular soil on the growth & appearance of plants and on soil nutrient levels.		
Student(s) Rayyan Ashraf			Grade 8		Town Windsor			
Student(s) Shakeel A. Choudhury			Grade 8		Town Bloomfield			
<ul style="list-style-type: none"> Connecticut Science Supervisors Association --- \$125 for a middle school project 								
Windsor	Madina Academy	Mehwish Amin	2002	L7	1	A Novel Approach to Oil Spill Cleanup: Wood Chips		
Student(s) Sofija Gjonbalaj			Grade 7		Town Manchester			
<ul style="list-style-type: none"> Talcott Mountain Science Center --- Talcott Mountain Scholarship 								
Windsor	Madina Academy	Mehwish Amin	2532	L8	2	Yeast Metabolism		
Student(s) Aden Khan			Grade 8		Town Windsor			
<ul style="list-style-type: none"> Connecticut State Department of Health Laboratory Employees --- \$75 award 								

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
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Windsor Madina Academy Aisha Seyal

5041	P7	1	A novel water filtration and disinfection system designed using a salad spinner, dynamo and high intensity light emitting diodes (LED) for use in developing countries.					
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Student(s) Sithy A. Mahamoon **Grade 7** **Town** Windsor

- Association for Women Geoscientists --- Certificate & membership to CT Science Center given by CSF
- Society of Women Engineers - Hartford Section --- Scientific Calculator

Woodbridge Amity Regional High School Ms. Deborah Day

3018	LS	3	The Relationship Between Temperature and Survival of the Larval Tunicate Styela clava					
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Student(s) Williams S. Dixon **Grade 12** **Town** Woodbridge

- Long Island Sound Foundation, Inc. --- \$500 Life Science/Environmental Science/Physical science

Woodbridge Amity Regional High School Ms. Deborah Day

3056	LS	1	Interactions Between Robot, Adult, and Child in the Task of Secret-Telling					
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Student(s) Jenny J. Liu **Grade 12** **Town** Orange

- Otero Family Award --- The Otero Family Award; \$200 cash

Woodstock Woodstock Middle School Mrs. Carter

5046	P7	1	What are the effects of pH and temperature on the efficiency of ethanol production from biomass?					
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Student(s) Deanna L. Guilani **Grade 7** **Town** Woodstock Valley

- Society of Women Engineers - Hartford Section --- Scientific Calculator
- MIT Club of Hartford Awards --- For excellence in energy related research, middle school, \$150 cash award