



Connecticut Science Fair

Quinnipiac University

March 11 - 15, 2008

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

Winning Projects

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	Jonathan Craig	2527	L8	1	Backyard Antibiotics		
			Student(s) Brent A. Murcia			Grade 8	Town Glastonbury	
							Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir
Avon	Talcott Mountain Academy	Mr. Meredith	5013	P7	1	Natural Spirals and Mathematical Series		
			Student(s) Emily E. Baczyk			Grade 7	Town Avon	
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	1st Place- Physical Science 7th Grade Individual - \$200 Cash & trophy
							ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	2nd Place Middle School- \$200 Savings Bond, and Trophy, \$200 from Webster Bank
							Young Scientist Challenge	Invitation to national Young Scientist Challenge competition
							Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition
Avon	Talcott Mountain Academy	Mr. Meredith	5022	P7	2	Look Ma, No Batteries		
			Student(s) Michael A. Basmajian			Grade 7	Town Torrington	
							Dominion Alternative/Renewable Energy Awards	3rd Place Middle School - \$100 Cash and Trophy
Avon	Talcott Mountain Academy	Mark Meredith	5540	P8	1	Determining Thermal Conductivity		
			Student(s) Alexander Rainville			Grade 8	Town Granby	
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	3rd Place- Physical Science 8th Grade Individual - \$100 & trophy
							ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	3rd Place Middle School - Trophy , \$100 from Webster Bank
							Xerox Computer Science Awards	3rd Place Middle School- \$100, Trophy, Medallion, and Acrylic Award
							Young Scientist Challenge	Invitation to national Young Scientist Challenge competition
							Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition
Bozrah	Fields Memorial School	Evelyn Brown	2533	L8	1	Hay Quality		
			Student(s) Jennifer J. Chick			Grade 8	Town Bozrah	
							Pfizer Life Sciences Awards	4th Place- Life Sciences 8th grade- trophy
							Young Scientist Challenge	Invitation to national Young Scientist Challenge competition
							Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition
Bozrah	Fields Memorial School	Mrs. Evelyn Brown	5047	P7	1	Will You Get Wetter if You Walk or Run in a Rainstorm?		
			Student(s) Matthew J. Tatro			Grade 7	Town Bozrah	
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir

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Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Bozrah	Fields Memorial School	Mrs. Evelyn Brown	5547	P8	1	Suspension Bridge Strength		
Student(s) Ian D. Dakers					Grade 8	Town Bozrah		
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir	
Brewster	Brewster High School	Ed Schmidt	3045	LS	1	Mudslide Mitigation Protocols for Southern California using Enhanced Germination Technologies in Larrea tridentata		
Student(s) Dorothy M. Klein					Grade 12	Town Brewster		
Pfizer Life Sciences Awards							Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir	
Barnes Aerospace Applied Technology Awards							3rd Place High School - \$ 200 and Trophy	
Brewster	Brewster High School	Mr. Edward Schmidt	3055	LS	1	A Novel Extraction of the Pyrrolizidine Alkaloids from Petasites hybridus to Create an Anti-Spasmodic Supplement for Equine COPD		
Student(s) Alexandra L. Mcle					Grade 12	Town Brewster		
Pfizer Life Sciences Awards							Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir	
Quinnipiac University Scholarships							\$20,000, 4 year scholarship to Quinnipiac University for High School Student	
Bridgeport	Bassick High School	Donna Koolis	3523	LST	1	Decomposing Leaves		
Student(s) Escarlin Ramirez Nery J. Alfaro					Grade 10 10	Town Bridgeport Bridgeport		
Pfizer Life Sciences Awards							Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir	
Bridgeport	Bridgeport Aquaculture School	Mr Shadle	3525	LST	1	A Comprehensive Ecological Baseline Analysis of an Isolated Marsh Grass Ecosystem for the Implementation of a Restoration Program		
Student(s) Joshua S. Villafane Sydney M. Williams Brandon A. Simmons					Grade 12 12 12	Town Bridgeport Bridgeport Bridgeport		
Pfizer Life Sciences Awards							Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir	
Bridgeport	Bridgeport Hope School	Elizabeth Deshotel	1013	LT	1	Do Stereotypes Influence People?		
Student(s) Yenshim J. Watanabe Emiko E. Corley					Grade 8 8	Town Bridgeport Bridgeport		
Pfizer Life Sciences Awards							Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir	

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Bridgeport	Bridgeport Hope School	Elizabeth Deshotel	1018	LT	1	Bird Color Preference		
Student(s) Bonne-Elise Y. Deshotel Alissa S. Montanaro					Grade 8 8	Town Bridgeport Bridgeport		
							Pfizer Life Sciences Awards	Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir
Brookfield	St. Joseph School	Mrs. Belden	2013	L7	1	Testing Portable Techniques for the Sterilization of Water		
Student(s) Austin R. Shepard					Grade 7	Town Brookfield		
							Pfizer Life Sciences Awards Young Scientist Challenge Society for Science & The Public Middle School Competition	3rd Place- Life Sciences 7th grade- \$100 & trophy Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition
Burlington	Har-Bur Middle School	Andrew Komar	5523	P8	1	Which Tree Type Common to Connecticut Produces the Most Heat Energy (BTU) per Volume?		
Student(s) Mike Duba					Grade 8	Town Harwinton		
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF Dominion Alternative/Renewable Energy Awards	Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir Middle School Finalist - Medallion and Acrylic Trophy
Danbury	Broadview Middle School	Edie Mullally	1010	LT	1	Usual Oral Flora		
Student(s) Garrett A. Rose Nicholas P. Ciliberto					Grade 8 8	Town Danbury Danbury		
							Pfizer Life Sciences Awards	Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir
Danbury	Danbury High School	Mrs. La Rosa	3018	LS	1	The Effects of Potent Toxins on the Emergence and Hatching Development of Artemia.		
Student(s) Nicole Goodsell					Grade 11	Town Danbury		
							Pfizer Life Sciences Awards	Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir
Danbury	Danbury High School	Mr. Craig Smigala	6018	PS	2	In Pursuit of the Wolf: A Quantitative Analysis of Tones on the Violin		
Student(s) Benjamin S. Altman					Grade 9	Town Danbury		
							Xerox Computer Science Awards Connecticut Academy for Education in Mathematics, Science, & Technology, Inc.- Andrew DeRocco Award for Excellence in Physics	1st Place High School - \$500, Trophy, Medallion, and Acrylic Award \$500 Cash & certificate
Danbury	Danbury High School	John Larosa	6026	PS	1	Phytonutrients Ability to Neutralize Free Radicals and Act as Antioxidants		
Student(s) Allie Bukowski					Grade 9	Town Danbury		
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	4th Place- Physical Science Senior High Individual - trophy

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Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)	
Danbury	Danbury High School	Mrs. Larosa	6049	PS	1	The Creation of Emulsion Between Oil-in-Water Surfactants			
			Student(s)		Shadman Karim	Grade	10	Town Danbury	
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF						Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir
Danbury	Danbury High School	Larosa	6053	PS	1	The Effects of Temperature on the Hardenability of Metals			
			Student(s)		Joshua Goldenberg	Grade	10	Town Danbury	
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF						Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir
Danbury	Rogers Park Middle School	Mrs. Zaleta	1008	LT	1	The Ultraviolet Ultimatum: Do or Die. The Effects of Ultraviolet Radiation on Brassica rapa and Trionfo violetto			
			Student(s)		Michele E. Mikhitarian Evan T. Lunt	Grade	8 8	Town Danbury Danbury	
			Pfizer Life Sciences Awards Young Scientist Challenge Society for Science & The Public Middle School Competition						2nd Place- Life Sciences Junior Team- \$100 each & trophy Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition
Danbury	St. Gregory The Great School	Mrs. Josephine Ferry	1005	LT	1	TRY TO CATCH YOUR BREATH! How much CO2 is in you?			
			Student(s)		Christie A. Colucci Jena M. Mazzucco	Grade	7 7	Town Danbury Danbury	
			Pfizer Life Sciences Awards						Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir
Danbury	St. Joseph School	Mrs. Childs	2023	L7	1	The Effects of Temperature on the Curling of a Rhododendron Leaf			
			Student(s)		Ryan D. Kerr	Grade	7	Town Danbury	
			Pfizer Life Sciences Awards Young Scientist Challenge Society for Science & The Public Middle School Competition						4th Place- Life Sciences 7th grade- trophy Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition
Danbury	St. Joseph School	Miss Catherine Ville	2504	L8	1	Fermentation of Fruits to Produce Ethanol Bio-Fuel			
			Student(s)		Lauren C. Switzer	Grade	8	Town Danbury	
			Pfizer Life Sciences Awards Audubon Connecticut & Arch Chemicals Environmental Awards						Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir Junior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Danbury	St. Joseph School	Ms. Catherine Vill	5556	P8	1	Convert Waste to Energy		
			Student(s)		Narmien Haddad	Grade	8	Town Danbury
			Connecticut Science Center Physical Science Awards with eesmarkets/CEEF		2nd Place- Physical Science 8th Grade Individual - \$200 Cash & trophy			
			Barnes Aerospace Applied Technology Awards		Junior Finalist - Medallion and acrylic award			
			Audubon Connecticut & Arch Chemicals Environmental Awards		1st Place MS - \$300, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.			
			Dominion Alternative/Renewable Energy Awards		1st Place Middle School - \$300 Cash and Trophy			
			Future Sustainability Awards- eesmarkets/CT Energy Efficiency Fund		3rd Place Middle School - \$100 Cash and Trophy			
			Young Scientist Challenge		Invitation to national Young Scientist Challenge competition			
			Society for Science & The Public Middle School Competition		Invitation to SPS Middle School National Competition			
East Lyme	East Lyme High School	Dr. James Michaelson	3022	LS	1	Development of a Computer Model of Cancer Metastasis to Identify Screening Strategies for Reducing the Lethal Burden of Malignant Melanoma		
			Student(s)		Priya G. Ranade	Grade	11	Town East Lyme
			Pfizer Life Sciences Awards		Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir			
			ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank		High School - Medallion			
			United Technologies Corporation Awards		\$500 in UTC Common Stock, Plaque, Pen and Annual Report			
Fairfield	Fairfield Warde High School	Ms. Faggella	3013	LS	1	Development of a Therapeutic Nanostructured Smart Gel: A Novel Approach to Chronic Pain Management		
			Student(s)		Anita Gade	Grade	11	Town Fairfield
			Pfizer Life Sciences Awards		Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir			
Fairfield	Fairfield Warde High School	Patrice Faggella	3042	LS	1	The Feed Forward Model Contrast Invariance and Variability in Synaptic Conductance		
			Student(s)		Daniel B. Halpert	Grade	12	Town Fairfield
			Pfizer Life Sciences Awards		Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir			
Fairfield	Fairfield Warde High School	Ms. Faggella	6004	PS	2	A Novel Exploration of the Theory of Calculus and its Applications to Circular Motion		
			Student(s)		Evan N. Feinberg	Grade	11	Town Fairfield
			ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank		1st Place High School- \$300 Savings Bond, and Trophy, \$500 from Webster Bank			
Fairfield	Hillel Academy	Mrs. Karen Howell	1012	LT	1	Analysis of Energy Beverages & Caffeine's Effect on Cell Hydration & Nutrient Bioavailability		
			Student(s)		Jason L. Wiener Yaakov Breiner	Grade	7 7	Town New Haven Bridgeport
			Pfizer Life Sciences Awards		1st Place- Life Sciences Junior Team- \$100 each & trophy			
			Young Scientist Challenge		Invitation to national Young Scientist Challenge competition			
			Society for Science & The Public Middle School Competition		Invitation to SPS Middle School National Competition			

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Fairfield	Hillel Academy	Mrs. Karen Howell	2020	L7	1	Analysis of Spice Curcumin -- Antioxidant, Antibacterial Agent and Effect on Cell Absorption		
			Student(s)		Micol L. Bedarida	Grade	7	Town New Haven
					Pfizer Life Sciences Awards	2nd Place- Life Sciences 7th grade- \$100 & trophy		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Fairfield	Hillel Academy	Mrs. Karen Howell	2538	L8	1	Analysis of Wetland Dieback of Marsh Spartina Alterniflora on Long Island Sound		
			Student(s)		Sarah D. Kennedy	Grade	8	Town Fairfield
					Pfizer Life Sciences Awards	1st Place- Life Sciences 8th grade- \$300 & trophy		
					Audubon Connecticut & Arch Chemicals Environmental Awards	Junior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award		
					Connecticut Science Teachers Association's Marty Tafel Student Research Award	Life Science 8th Grade - \$500 and invite to CSTA Award Banquet		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Fairfield	Hillel Academy	Mrs. Karen Howell	4004	PT	1	Quantitative Analysis of Cellulosic Biofuels and Their Effect on Environment		
			Student(s)		Daniel Salem Benjamin M. Ellenberg	Grade	8 8	Town New Haven Easton
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	1st Place- Physical Science MS Team- \$100 each & trophy		
					Barnes Aerospace Applied Technology Awards	2nd Place Middle School - \$200 and Trophy		
					Audubon Connecticut & Arch Chemicals Environmental Awards	2nd Place MS- \$200, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.		
					United Technologies Corporation Awards	\$500 in UTC Common Stock, Plaque, Pen and Annual Report		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Fairfield	Holy Family School	Mrs. Kelley Collins	2016	L7	1	Recycling Greywater		
			Student(s)		Xiomara M. Galeano	Grade	7	Town Bridgeport
					Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir		
Fairfield	Holy Family School	Mrs. Kelley Collins	2501	L8	3	Solar Power and Future Tehnology		
			Student(s)		Christopher J. Rodriguez	Grade	8	Town Bridgeport
					Future Sustainability Awards-- eesmarks/CT Energy Efficiency Fund	Middle School Finalist - Medallion and Acrylic Trophy		
Fairfield	Our Lady of Assumption School	Mrs. Almeida	2509	L8	1	A Quantitative and Qualitative Study on the Effects of Acid Rain on the Soil Organism Lumbricus Terrestris		
			Student(s)		Christopher Costa	Grade	8	Town Trumbull
					Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir		

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[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Fishers Island	Fishers Island School	Mrs. Carol Giles	6065	PS	1	The Slot Effect, Scientific Fact or Sailor's Myth		
			Student(s)		Emily W. Cummin	Grade	12	Town Mystic
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir			
			United Technologies Corporation Awards		\$500 in UTC Common Stock, Plaque, Pen and Annual Report			
Glastonbury	Cogswell Home School	Fred Cogswell	2542	L8	1	Investigating Alternatives to Chemical Insecticides to find Environmentally Safe Ant Repellents		
			Student(s)		Jami R. Cogswell	Grade	8	Town Glastonbury
			Pfizer Life Sciences Awards		Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir			
Glastonbury	Glastonbury High School	Mrs. Veronica Hanlon	3003	LS	1	Effect of Food-grade Chemicals on MRSA		
			Student(s)		Amoolya Narayanan	Grade	9	Town Glastonbury
			Pfizer Life Sciences Awards		Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir			
Glastonbury	Glastonbury High School	Veronica Hanlon	6509	PST	1	Stains Away!		
			Student(s)		Rachel C. Patton Victoria A. Hervieux	Grade	9 9	Town Glastonbury Glastonbury
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science Senior Team - CSF Medallion & Acrylic Award Souvenir			
Greens Farms	Greens Farms Academy	Mathieu J. Freeman	6001	PS	3	Automated Minesweeper for Military Applications		
			Student(s)		William B. Buchanan III	Grade	12	Town New Canaan
			Xerox Computer Science Awards		Senior High Finalist - Medallion and Acrylic award			
Greens Farms	Greens Farms Academy	Dr. Mathieu J. Freeman	6033	PS	2	Feasibility of Low Temperature Proton Exchange Membrane Fuel Cells		
			Student(s)		Michael A. Pavlis	Grade	12	Town Fairfield
			Barnes Aerospace Applied Technology Awards		Senior Finalist - Medallion and acrylic award			
Greenwich	Greenwich High School	Andrew Bramante	3017	LS	2	Detection of Ozone Pollution Using Greenwich, CT Eastern White Pine		
			Student(s)		Jessica Blanton	Grade	11	Town Old Greenwich
			Audubon Connecticut & Arch Chemicals Environmental Awards		Senior Finalist -mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award			

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Greenwich	Greenwich High School	Andrew Bramante	3021	LS	1	Tracing the Migration of Pesticides Through the Production of Southwestern Connecticut Honey		
			Student(s)		Eliza H. McNitt	Grade 11		Town Greenwich
					Pfizer Life Sciences Awards	2nd Place- Life Sciences Senior High- \$300 & trophy		
					Audubon Connecticut & Arch Chemicals Environmental Awards	1st Place HS- \$500, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.		
Greenwich	Greenwich High School	Andrew Bramante	3023	LS	2	The Harmful Effects of Ski Wax on Human Health and the Environment		
			Student(s)		William C. Newberry	Grade 10		Town Riverside
					Future Sustainability Awards– eesmarks/CT Energy Efficiency Fund	High School Finalist - Medallion and Acrylic Trophy		
Greenwich	Greenwich High School	Andrew Bramante	3037	LS	1	Finding the Optimal Conditions for the Permeation of Insulin through Porcine Intestine and Poultry Skin		
			Student(s)		Eliana N. Carmona	Grade 11		Town Greenwich
					Pfizer Life Sciences Awards	Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir		
Greenwich	Greenwich High School	Andrew Bramante	3048	LS	1	Tear Content May Predict Vulnerability to Stress Related Disease		
			Student(s)		Sophie H. Vos	Grade 11		Town Riverside
					Pfizer Life Sciences Awards	4th Place- Life Sciences Senior High- trophy		
Greenwich	Greenwich High School	Andrew Bramante	3058	LS	1	Comparison of Hexoses and Pentoses in Production of N-butanol by S. cerevisiae fermentation, C. acetobutylicum A.B.E. process, and cocultures of C. sp.		
			Student(s)		Ryan Y. Chou	Grade 12		Town Riverside
					Pfizer Life Sciences Awards	Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir		
Greenwich	Greenwich High School	Andrew Bramante	6003	PS	1	Energy Extraction from Human Biowaste at Reduced Temperatures		
			Student(s)		Michael D. Tom	Grade 11		Town Greenwich
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
					Audubon Connecticut & Arch Chemicals Environmental Awards	Senior Finalist -mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award		
					Dominion Alternative/Renewable Energy Awards	3rd Place High School - \$200 Cash and Trophy		
					Future Sustainability Awards– eesmarks/CT Energy Efficiency Fund	1st Place High School - \$500 Cash and Trophy		
					United Technologies Corporation Awards	\$500 in UTC Common Stock, Plaque, Pen and Annual Report		
Greenwich	Greenwich High School	Andrew Bramante	6060	PS	2	Detecting Compromised Accounts in Instant Message Traffic		
			Student(s)		Michael G. Miller	Grade 12		Town Old Greenwich
					Xerox Computer Science Awards	2nd Place High School - \$300, Trophy, Medallion, and Acrylic Award		

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Greenwich	Greenwich High School	Andrew Bramante	6064	PS	1	Laser-Induced Motion of A Quantum Dot Colloid		
			Student(s)		George J. Hansel	Grade	12	Town Old Greenwich
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	3rd Place- Physical Science Senior High Individual - \$200 & trophy		
Greenwich	Greenwich High School	Andrew Bramante	6506	PST	1	New Artificial Turf: Is it Environmentally Friendly?		
			Student(s)		Courtney A. Fogwell Likhitha R. Aidunuthula	Grade	12 9	Town Greenwich Greenwich
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF Audubon Connecticut & Arch Chemicals Environmental Awards	1st Place- Physical Science Senior High Team- \$500 Cash (split) & trophy Senior Finalist -mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award		
Greenwich	Stanwich School	Mr. Fletcher	4015	PT	1	Physics Simulations in Computer Science		
			Student(s)		Arthur D. Berman Alexander T. Ertel	Grade	8 8	Town Riverside Old Greenwich
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF Xerox Computer Science Awards Young Scientist Challenge Society for Science & The Public Middle School Competition	2nd Place- Physical Science MS Team- \$100 each & trophy 2nd Place Middle School - \$200, Trophy and Medallion, and Acrylic Award Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition		
Greenwich	Stanwich School	Mr. Fletcher	6503	PST	1	Relating Radiation and the Table of Isotopes to Cold Fusion		
			Student(s)		Suzanne E. Drennen Kevin Scanlan	Grade	9 9	Town Greenwich Greenwich
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF Dominion Alternative/Renewable Energy Awards	Finalist - Physical Science Senior Team - CSF Medallion & Acrylic Award Souvenir High School Finalist - Medallion and Acrylic Trophy		
Guilford	E.C. Adams Middle School	Cory Slifstein	2012	L7	1	The Effect of Time on 1%, 2%, and 4% Cumberland Farm's Milk		
			Student(s)		Melanie L. Groff	Grade	7	Town Guilford
					Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir		
Guilford	E.C. Adams Middle School	Mr. Richard Chocolate	2017	L7	1	Plant Germination Without Soil		
			Student(s)		Brian D. Marquis	Grade	7	Town Guilford
					Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir		

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Guilford	Guilford High School	Mr. Cuddy	6009	PS	1	Building and Testing an Inexpensive PCR Machine		
			Student(s)		Alan P. Weiner	Grade	10	Town Guilford
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
					Barnes Aerospace Applied Technology Awards	Senior Finalist - Medallion and acrylic award		
Hamden	Hamden Middle School	Greg Colonese	5524	P8	1	Rocket Aerodynamics and Launch Angles		
			Student(s)		Anthony J. Papale	Grade	8	Town Hamden
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir		
Hamden	Sacred Heart Academy	Mrs. Brownell	3510	LST	1	The Effect of Water Pollution on Plant Growth		
			Student(s)		Colleen E. Roddy Christina D'Agostino	Grade	10 10	Town West Haven Meriden
					Pfizer Life Sciences Awards	Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir		
Hamden	Sacred Heart Academy	Ms. Brownell	3513	LST	1	The Effects of Everyday Beverages on Composite Fillings		
			Student(s)		Emma Messoro Kyra R. Munzenmaier	Grade	10 10	Town Hamden Wallingford
					Pfizer Life Sciences Awards	Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir		
Hamden	Sacred Heart Academy	Pamela Brownell	6512	PST	1	The Affect of Temperature on the pH of Artificial Sweeteners		
			Student(s)		Rose K. Cersonsky Roberta N. Delvy	Grade	10 10	Town Oxford Derby
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior Team - CSF Medallion & Acrylic Award Souvenir		
Kensington	St. Paul School	Mrs. Marietta	2508	L8	3	Which Beverage Causes The Most Decay On Teeth?		
			Student(s)		Meghan Begley	Grade	8	Town Kensington
					Quinnipiac University Scholarships	\$20,000, 4 year scholarship to Quinnipiac University for Middle School Student		
Kensington	St. Paul School	James Lundebjerg	5006	P7	1	Wind Energy		
			Student(s)		Kristen B. Lundebjerg	Grade	7	Town Berlin
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir		
					United Technologies Corporation Awards	\$500 in UTC Common Stock, Plaque, Pen and Annual Report		

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Madison	Our Lady of Mercy School	Rosalie Zonder	4003	PT	1	Which Truss do you Trust		
Student(s) Christopher J. Muckle Troy M. Hagan							Grade 8 8	Town Madison Madison
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							Finalist - Physical Science Jr Team - CSF Medallion & Acrylic Award Souvenir	
Manchester	East Catholic High School	Ms. Lesa Milas	6021	PS	1	Use of Seashells to Detoxify Lead-Contaminated Effluent and Groundwater		
Student(s) Theresa A. Oei							Grade 9	Town Hebron
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							1st Place - Physical Science Senior High Individual - \$500 & trophy	
Barnes Aerospace Applied Technology Awards							1st Place High School - \$500 and Trophy	
Audubon Connecticut & Arch Chemicals Environmental Awards							2nd Place HS- \$200, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.	
Future Sustainability Awards- eesmarks/CT Energy Efficiency Fund							High School Finalist - Medallion and Acrylic Trophy	
H. Joseph Gerber Medal of Excellence of the Connecticut Academy of Science and Engineering							Physical Sciences Senior - \$1,000 cash, Solid Silver Medal of Excellence and Invitation to attend CASE's Annual Mtg	
Manchester	St. Bridget School	Mrs. Kim Maysonet	5014	P7	1	Ballistic Pendulum		
Student(s) Brian T. Bendernagel							Grade 7	Town South Windsor
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir	
Milford	West Shore Middle School	Dr. Mary-Ellen Coloski	4006	PT	1	Hovercraft Mania		
Student(s) Kayla M. O'Connor Sabrina D. Hall							Grade 7 7	Town Milford Milford
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							Finalist - Physical Science Jr Team - CSF Medallion & Acrylic Award Souvenir	
Mystic	Mystic Middle School	Mrs Kimberly Brandt	5537	P8	1	The Mythbox: A Portable DVR		
Student(s) Michael A. Ciociola							Grade 8	Town Stonington
Connecticut Science Center Physical Science Awards with eesmarks/CEEF							Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir	
Barnes Aerospace Applied Technology Awards							Junior Finalist - Medallion and acrylic award	
Xerox Computer Science Awards							1st Place Middle School - \$300, Trophy and Medallion, and Acrylic Award	
New Canaan	New Canaan High School	Daniel Eichinger	3034	LS	1	The Effect of Short-Chain Fatty Acids on Gene Expression in Entamoeba Histolytica		
Student(s) Ilya B. Belopolski							Grade 12	Town New Canaan
Pfizer Life Sciences Awards							Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir	

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
New Haven	High School in the Community	Todd Solli	3527	LST	1	Water Pollution in the City of New Haven. Good or Bad?		
					Student(s)	Katherine A. Nichols Botto	Grade 12	Town New Haven
						Carmella H. Nichols Botto	12	New Haven
					Pfizer Life Sciences Awards Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir			
New Haven	High School in the Community	Todd Solli	6011	PS	2	Energy Output of Different Fuel Mixtures		
					Student(s)	Joshua I. Cohen	Grade 12	Town New Haven
					Future Sustainability Awards- eesmarks/CT Energy Efficiency Fund 3rd Place High School - \$200 Cash and Trophy			
Newington	St. Mary School	Mrs. Deborah Giantonio	5534	P8	1	How do the Various Properties of a Truss Affect its Ability to Carry Loads?		
					Student(s)	Michael A. Mahoney	Grade 8	Town Newington
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF 4th Place- Physical Science 8th Grade Individual - trophy Young Scientist Challenge Invitation to national Young Scientist Challenge competition Society for Science & The Public Middle School Competition Invitation to SPS Middle School National Competition			
Newtown	St. Rose Of Lima School	Mrs. Dimon	2539	L8	1	Blooming Biofuel		
					Student(s)	Matt M. Ryan	Grade 8	Town Newtown
					Pfizer Life Sciences Awards 3rd Place- Life Sciences 8th grade- \$100 & trophy Young Scientist Challenge Invitation to national Young Scientist Challenge competition Society for Science & The Public Middle School Competition Invitation to SPS Middle School National Competition			
North Haven	North Haven High School	Marilynn Kramar	3041	LS	1	A Numerical Model of Late-Spiking Neurons		
					Student(s)	Fiona W. Wood	Grade 11	Town North Haven
					Pfizer Life Sciences Awards 1st Place- Life Sciences Senior High- \$500 & trophy ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank High School - Medallion Xerox Computer Science Awards Senior High Finalist - Medallion and Acrylic award H. Joseph Gerber Medal of Excellence of the Connecticut Academy of Science and Engineering Life Sciences Senior - \$1,000 cash, Solid Silver Medal of Excellence and Invitation to attend CASE's Annual Mtg			
Norwalk	Brien McMahon High School	Linda Paganini	3509	LST	1	Will the Increasing CO2 Levels Hinder the Shellfish Ability to Produce Their Hard and Produdproductive Shells?		
					Student(s)	Spencer L. Horton	Grade 12	Town Ridgefield
						Marianna V. Cordovano	12	Rowayton
					Pfizer Life Sciences Awards Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir			

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Norwalk	West Rocks Middle School	Mrs. Sue DeLong	2549	L8	1	The Mazing Race (The Study of Small Animal Behavior) To Understand Small Animal Memory Ability Using a Female Hamster Navigating Through Several Mazes With Several Different Variables.		
			Student(s)		William H. Atkin	Grade	8	Town Norwalk
					Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir		
Norwich	Norwich Free Academy	Mr. Roy Wentworth	3512	LST	1	The Impact of Park Clearing Along the Yantic River on Benthic Macroinvertebrate Populations: Part II		
			Student(s)		Samantha M. Schoepfer Heather N. Leask	Grade	10 10	Town Bozrah Bozrah
					Pfizer Life Sciences Awards ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	1st Place- Life Sciences Senior High Team- \$500 (split) & trophy High School - Medallion		
Norwich	Norwich Free Academy	Mr. Croteau	3529	LST	1	Population Spread and Impact of Galerucella Beetles		
			Student(s)		Zachary S. Banning Jessica S. Banning	Grade	12 10	Town Bozrah Bozrah
					Pfizer Life Sciences Awards Barnes Aerospace Applied Technology Awards Audubon Connecticut & Arch Chemicals Environmental Awards	2nd Place- Life Sciences Senior High Team- \$300 (split) & trophy Senior Finalist - Medallion and acrylic award Senior Finalist -mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award		
Oxford	Oxford High School	Mr. LaBanca	6017	PS	1	Gel Point Optimization of Refined Biodiesel		
			Student(s)		Louis M. Mandeville	Grade	9	Town Oxford
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF Dominion Alternative/Renewable Energy Awards Future Sustainability Awards– eesmarks/CT Energy Efficiency Fund	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir 2nd Place High School - \$300 Cash and Trophy High School Finalist - Medallion and Acrylic Trophy		
Pawcatuck	St. Michael School	Bernard Petkis	2029	L7	1	Light Effects		
			Student(s)		Nicole G. Scola	Grade	7	Town Westerly
					Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir		
Pawcatuck	St. Michael School	Bernie Petkis	2037	L7	1	Is It Possible for Soil Contaminated With Oil to Return to Its Original State?		
			Student(s)		Jacqueline Wyper	Grade	7	Town Stonington
					Pfizer Life Sciences Awards Audubon Connecticut & Arch Chemicals Environmental Awards Society for Science & The Public Middle School Competition	5rd Place- Life Sciences 7th grade- trophy Junior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition		

Connecticut Science Fair

Winning Projects

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

Pawcatuck St. Michael School Mr. Petkis

5024 P7 1 Auto vs. Manual: Do the Auto Settings of a Digital Camera Take the Best Photos?

Student(s) Samantha C. Duignan **Grade** 7 **Town** Pawcatuck

Connecticut Science Center Physical Science Awards with eesmarts/CEEF Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir

Plantsville J.F. Kennedy Middle School Mrs. Christine Boulanger

1015 LT 1 The Scoop on Soil

Student(s) Amanda M. Snow Sarah X. Feltz **Grade** 8 8 **Town** Plantsville Southington

Pfizer Life Sciences Awards Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir

Plantsville J.F. Kennedy Middle School Mrs. Christine Boulanger

1019 LT 1 Pollution Solution?

Student(s) Jenna Graziano Margaret D. Feltz **Grade** 8 8 **Town** Southington Southington

Pfizer Life Sciences Awards Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir

Plantsville J.F. Kennedy Middle School Mrs. Boulanger

2517 L8 1 Phonics Phone Phenomenon 2: Articulation Action

Student(s) Emily A. Durocher **Grade** 8 **Town** Plantsville

Pfizer Life Sciences Awards 2nd Place- Life Sciences 8th grade- \$200 & trophy
 Young Scientist Challenge Invitation to national Young Scientist Challenge competition
 Society for Science & The Public Middle School Competition Invitation to SPS Middle School National Competition

Putnam Putnam Science Academy Ahmet Cakar

3519 LST 1 Yeast to Produce Ethanol Fuel By Using Different Feedstocks

Student(s) Selman Temel Ramis Unsur Efe E. Tuncer **Grade** 10 10 10 **Town** Putnam Putnam Putnam

Pfizer Life Sciences Awards Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir
 Future Sustainability Awards- eesmarts/CT Energy Efficiency Fund High School Finalist - Medallion and Acrylic Trophy

Putnam Putnam Science Academy Ahmet Cakar

3532 LST 1 Natural Toothbrush Against Dental Bacteria

Student(s) Selman Kara Burak C. Gunay **Grade** 11 11 **Town** Putnam Putnam

Pfizer Life Sciences Awards Finalist - Life Science Senior High Team - CSF Medallion & Acrylic Award Souvenir

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Putnam	Putnam Science Academy	Ahmet Cakar	6051	PS	1	Selection with Perfect Privacy by using RSA Encryption		
Student(s) Mehmet Sencan					Grade 10	Town Putnam		
				Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
				ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank		2nd Place High School- \$200 Savings Bond, and Trophy, \$300 from Webster Bank		
Putnam	Putnam Science Academy	Ahmet Cakar	6507	PST	1	Better Fuel or Better Oxidizer?		
Student(s) Semih Eren Muhammed Y. Mergen					Grade 11 11	Town Putnam Putnam		
				Connecticut Science Center Physical Science Awards with eesmarks/CEEF		2nd Place- Physical Science Senior High Team- \$300 Cash (split) & trophy		
				Barnes Aerospace Applied Technology Awards Future Sustainability Awards– eesmarks/CT Energy Efficiency Fund		Senior Finalist - Medallion and acrylic award 2nd Place High School - \$300 Cash and Trophy		
Ridgefield	East Ridge Middle School	Pamela Gooch	5003	P7	3	Conserving Energy- How Aluminum Foil Can Deter Global Warming, Save Time by the Toaster, and much more...		
Student(s) Stanley Cai					Grade 7	Town Ridgefield		
				Future Sustainability Awards– eesmarks/CT Energy Efficiency Fund		Middle School Finalist - Medallion and Acrylic Trophy		
Sandy Hook	Newtown High School	Mr. Canfield	6027	PS	1	In Vitro Enzyme-Catalyzed Conversion of Carbon Dioxide to Methanol.		
Student(s) Dayton T. Horvath					Grade 12	Town Newtown		
				Connecticut Science Center Physical Science Awards with eesmarks/CEEF		2nd Place- Physical Science Senior High Individual - \$300 & trophy		
				Dominion Alternative/Renewable Energy Awards		1st Place High School - \$500 Cash and Trophy		
Sandy Hook	Newtown High School	Mr. Canfield	6039	PS	1	Neural Network Robotic Sensory Control		
Student(s) Rebecca A. Reed					Grade 12	Town Newtown		
				Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
Southington	DePaolo Middle School	Trish Kenefick	5012	P7	1	Wild Wind Tunnel		
Student(s) Bryson Teel					Grade 7	Town Southington		
				Connecticut Science Center Physical Science Awards with eesmarks/CEEF		5th Place- Physical Science 7th Grade Individual - trophy		
				United Technologies Corporation Awards Young Scientist Challenge		\$500 in UTC Common Stock, Plaque, Pen and Annual Report Invitation to national Young Scientist Challenge competition		
				Society for Science & The Public Middle School Competition		Invitation to SPS Middle School National Competition		

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Stafford Springs	St. Edward School	Mrs. Hopkins	5541	P8	1	The Effect of Heat Transfer Mediums on Solar Energy Absorption		
			Student(s)		Chet J. Jambora	Grade	8	Town Stafford Springs
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir			
Storrs	E.O. Smith High School	Jon Swanson	3001	LS	2	The Effectiveness Of Supplemental Heterotrophic Feeding As Measured By Colony Growth In The Stony Coral Galaxea Facicularis		
			Student(s)		Ariana Levin	Grade	10	Town Storrs
			Audubon Connecticut & Arch Chemicals Environmental Awards		3rd Place HS- \$100, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.			
Storrs	E.O. Smith High School	Jon Swanson	3061	LS	1	The Effects of Increased Nitrates on the Growth of Hard and Soft Coral		
			Student(s)		Alyssa Cowles	Grade	10	Town Storrs
			Pfizer Life Sciences Awards		Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir			
Stratford	Flood Middle School	Mr. David Gorski	2529	L8	1	It's a Jungle Out There? What Effect Does Increasing the Atmospheric CO2 Level have on Plant Growth?		
			Student(s)		Kevin M. Rahrig	Grade	8	Town Stratford
			Pfizer Life Sciences Awards		Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir			
			Audubon Connecticut & Arch Chemicals Environmental Awards		Junior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award			
Trumbull	St. Catherine of Siena School	Mrs. Shickler	5028	P7	1	Radiant Energy, Variations among Fixed Solar Arrays and Solar Tracking Systems		
			Student(s)		Kyle T. Ryan	Grade	7	Town Trumbull
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF		Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir			
			Audubon Connecticut & Arch Chemicals Environmental Awards		3rd Place MS- \$100, Trophy, DVD or book, Audubon mag., mini-carabiner, bird feeder, water bottle, med & acry.			
Trumbull	St. Catherine of Siena School	Mrs. Shickler	5535	P8	1	Gyromills; Jetstream Power Plants		
			Student(s)		Adam C. Kee	Grade	8	Town Trumbull
			Connecticut Science Center Physical Science Awards with eesmarks/CEEF		1st Place- Physical Science 8th Grade Individual - \$300 Cash & trophy			
			ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank		Middle School - Medallion			
			Barnes Aerospace Applied Technology Awards		3rd Place Middle School - \$100 and Trophy			
			Dominion Alternative/Renewable Energy Awards		2nd Place Middle School - \$200 Cash and Trophy			
			Future Sustainability Awards- eesmarks/CT Energy Efficiency Fund		1st Place Middle School - \$300 Cash and Trophy			
			Connecticut Science Teachers Association's Marty Tafel Student Research Award		Physical Science 8th Grade - \$500 and invite to CSTA Award Banquet			
			Young Scientist Challenge		Invitation to national Young Scientist Challenge competition			
			Society for Science & The Public Middle School Competition		Invitation to SPS Middle School National Competition			

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Watertown	The Taft School	William Kron	6062	PS	1	OCR: Handwriting Recognition		
			Student(s)		Matthew A. Petroff	Grade	9	Town Cheshire
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
					ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	High School - Medallion		
					Xerox Computer Science Awards	Senior High Finalist - Medallion and Acrylic award		
West Hartford	Solomon Schechter Day School	Mr. David Girolamo	1017	LT	1	Bacteria: Live Free or Die Hard		
			Student(s)		Joshua Benadiva David Pearl	Grade	7 7	Town Farmington Manchester
					Pfizer Life Sciences Awards	Finalist - Life Sciences Junior Team - CSF Medallion & Acrylic Award Souvenir		
West Hartford	Solomon Schechter Day School	Mr. David Girolamo	5528	P8	2	Which Offensive Baseball Statistic Best Predicts Run Production?		
			Student(s)		Uri T. Bilmes	Grade	8	Town West Hartford
					ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	1st Place Middle School- \$300 Savings Bond, and Trophy, \$300 from Webster Bank		
West Hartford	St. Brigid School	Jennifer Bernaiche	2543	L8	1	A Slick Situation		
			Student(s)		Gina C. Bettencourt	Grade	8	Town West Hartford
					Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir		
					Audubon Connecticut & Arch Chemicals Environmental Awards	Junior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award		
West Hartford	St. Timothy Middle School	Ms. McNamee	4009	PT	1	Track the Traction		
			Student(s)		Sarah C. Gillespie Anne Higgins	Grade	7 7	Town Manchester West Hartford
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	3rd Place- Physical Science MS Team- trophy		
					United Technologies Corporation Awards	\$500 in UTC Common Stock, Plaque, Pen and Annual Report		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Westbrook	Westbrook Middle School	Cathi Lepore	2002	L7	1	The Effect of Different Sugars on Yeast Activity		
			Student(s)		James E. Porrell	Grade	7	Town Westbrook
					Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir		

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Westbrook	Westbrook Middle School	Heather Scanlon	2518	L8	1	Is A Carb A Carb? (Carbohydrate Counting vs. The Glycemic Index)		
			Student(s)		Olivia C. Tempesta	Grade	8	Town Westbrook
					Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir		
Westbrook	Westbrook Middle School	Cathi A. Lepore	5002	P7	1	Wind Turbines - What is the Best Blade Angle?		
			Student(s)		Kathryn H. Cyr	Grade	7	Town Westbrook
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF Barnes Aerospace Applied Technology Awards Dominion Alternative/Renewable Energy Awards Future Sustainability Awards- eesmarks/CT Energy Efficiency Fund Young Scientist Challenge Society for Science & The Public Middle School Competition	2nd Place- Physical Science 7th Grade Individual - \$100 Cash & trophy Junior Finalist - Medallion and acrylic award Middle School Finalist - Medallion and Acrylic Trophy Middle School Finalist - Medallion and Acrylic Trophy Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition		
Westbrook	Westbrook Middle School	Ms. Scanlon	5526	P8	1	Paints For Your Porch: Impact of Weather on Paint		
			Student(s)		Sarah A. Luft	Grade	8	Town Westbrook
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science 8th Grade - CSF Medallion & Acrylic Award Souvenir		
Westport	Bedford Middle School	Susan Cyrulik/Kim Dolan	2548	L8	1	The Effect of Different Water Types on Plant Growth		
			Student(s)		Catherine A. Clair	Grade	8	Town Westport
					Pfizer Life Sciences Awards Young Scientist Challenge Society for Science & The Public Middle School Competition	5th Place- Life Sciences 8th grade- trophy Invitation to national Young Scientist Challenge competition Invitation to SPS Middle School National Competition		
Westport	Staples High School	Dr. AJ Scheetz	3006	LS	1	Selection of Optimal 5' Exons to Enhance pre-mRNA Splicing		
			Student(s)		Antonella C. Lisanti	Grade	12	Town Westport
					Pfizer Life Sciences Awards	3rd Place- Life Sciences Senior High- \$200 & trophy		
Westport	Staples High School	Dr. A.J. Sceetz	3020	LS	1	Acceleration of Angiogenesis through Novel Protein Delivery Systems		
			Student(s)		Andrew F. Shenoy	Grade	12	Town Westport
					Pfizer Life Sciences Awards	5th Place- Life Sciences Senior High- trophy		
Westport	Staples High School	Dr. A.J. Sceetz	6057	PS	1	Analyzing A Nano-scale Patterned Material for Effective Buffer Applications in Photonic Integrated Circuits		
			Student(s)		Garrett J. West	Grade	12	Town Westport
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Westport	Staples High School	Dr. AJ Scheetz	6059	PS	1	Providing a Detect-and-Verify Framework for Specific Face Detection		
					Student(s) Zachary I. Weiner	Grade 12	Town Westport	
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir		
					ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards Program- with Webster Bank	3rd Place High School - Trophy, \$200 from Webster Bank		
					Xerox Computer Science Awards	3rd Place High School- \$200, Trophy, Medallion, and Acrylic Award		
					United Technologies Corporation Awards	\$500 in UTC Common Stock, Plaque, Pen and Annual Report		
Willington	Hall Memorial School	Mrs. Rodriguez	5031	P7	2	Are Biofuels Truly Better For Our Environment Than Gasoline?		
					Student(s) Gabriel Rodriguez	Grade 7	Town Willington	
					Dominion Alternative/Renewable Energy Awards	Middle School Finalist - Medallion and Acrylic Trophy		
Willington	Hall Memorial School	Laura Rodriguez	5048	P7	2	Colorful Solar Power		
					Student(s) Ethan A. Baker	Grade 7	Town Willington	
					Dominion Alternative/Renewable Energy Awards	Middle School Finalist - Medallion and Acrylic Trophy		
Willington	Hall Memorial School	Mrs. Laura Rodriguez	5505	P8	1	Putting Wind to Work: The Efficiency of Windmill Blades		
					Student(s) Erica N. Tremko	Grade 8	Town Willington	
					Connecticut Science Center Physical Science Awards with eesmarks/CEEF	5th Place- Physical Science 8th Grade Individual - trophy		
					Barnes Aerospace Applied Technology Awards	Junior Finalist - Medallion and acrylic award		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Wilton	Middlebrook School	Susan Lash	1009	LT	1	What Triggers Short-Term Memory?		
					Student(s) Paige J. Wallace Ashley L. Bascom	Grade 7 7	Town Wilton Wilton	
					Pfizer Life Sciences Awards	3rd Place- Life Sciences Junior Team- trophy		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		
Windsor	Creative Home school	Mrs. Aisha Khan	2010	L7	1	Sugar Powered Future: Constructing an Alkaline Fuel Cell and Operating it with Different Biofuels to Increase Voltage Output		
					Student(s) Zainab Khan	Grade 7	Town Windsor	
					Pfizer Life Sciences Awards	1st Place- Life Sciences 7th grade- \$200 & trophy		
					Barnes Aerospace Applied Technology Awards	1st Place Middle School - \$300 and Trophy		
					Future Sustainability Awards- eesmarks/CT Energy Efficiency Fund	2nd Place Middle School - \$200 Cash and Trophy		
					Young Scientist Challenge	Invitation to national Young Scientist Challenge competition		
					Society for Science & The Public Middle School Competition	Invitation to SPS Middle School National Competition		

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Windsor	Home School	Ambreen Qureshi	2007	L7	1	Challenges to Pakistani Agriculture: Growing Plants in Salt Affected Soil		
Student(s) Marrium Z. Qureshi							Grade 7	Town Windsor
							Pfizer Life Sciences Awards	Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir
Windsor	Madina Academy	Mehwish Amin	2540	L8	1	What's Eating You?		
Student(s) Yamine A. Ali							Grade 8	Town Windsor
							Pfizer Life Sciences Awards	Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award Souvenir
Windsor	Madina Academy	Rasha Amir	5019	P7	1	Solar Cooking		
Student(s) Humza Ahmed							Grade 7	Town Windsor
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science 7th Grade - CSF Medallion & Acrylic Award Souvenir
Windsor	St. Gabriel School	Meg Rosa	4016	PT	1	Solar Cell Optimization		
Student(s) Andrew M. Stephens Mark A. Mossberg							Grade 8 8	Town Windsor Windsor
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Jr Team - CSF Medallion & Acrylic Award Souvenir
Woodbridge	Amity Regional High School	Ms. Deborah Day	3059	LS	1	The Effectiveness of Neurological Pitch Memory Using a Computerized Model		
Student(s) Ishan Sinha							Grade 10	Town Orange
							Pfizer Life Sciences Awards	Finalist - Life Science Senior High - CSF Medallion & Acrylic Award Souvenir
Woodbridge	Amity Regional High School	Ms. Deborah Day	6043	PS	1	The Distribution of Environmentally Sensitive Metals in the New Haven Green		
Student(s) Jiaqi Liu							Grade 9	Town Orange
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	Finalist - Physical Science Senior High - CSF Medallion & Acrylic Award Souvenir
							Audubon Connecticut & Arch Chemicals Environmental Awards	Senior Finalist - mini carabiner, water bottle, Audubon magazine, CSF Medallion & acrylic award
Woodbridge	Amity Regional High School	Young-Wook Lee (Father)	6061	PS	1	Development of a Radio Controlled Flapping Wing Micro Air Vehicle		
Student(s) Simon J. Lee							Grade 9	Town Orange
							Connecticut Science Center Physical Science Awards with eesmarks/CEEF	5th Place- Physical Science Senior High Individual - trophy
							Barnes Aerospace Applied Technology Awards	2nd Place High School - \$300 and Trophy

Connecticut Science Fair

Winning Projects

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
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Woodstock Woodstock Middle School Mrs. Carter

2028	L7	1	How Different Substances Affect the Oxidation of Fruits.					
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Student(s) Sarah L. Cook **Grade** 7 **Town** Woodstock

Pfizer Life Sciences Awards Finalist - Life Sciences 7th grade - CSF Medallion & Acrylic Award Souvenir

Woodstock Woodstock Middle School Christine Carter

5023	P7	1	The Effect of pH on Voltage Produced in Batteries (Homemade Batteries)					
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Student(s) Casandra M. Guilani **Grade** 7 **Town** Woodstock

Connecticut Science Center Physical Science Awards with eesmarks/CEEF 4th Place- Physical Science 7th Grade Individual - trophy
 Young Scientist Challenge Invitation to national Young Scientist Challenge competition
 Society for Science & The Public Middle School Competition Invitation to SPS Middle School National Competition

Woodstock Woodstock Middle School Christine Carter

5041	P7	1	How Strong Are Nylon Fishing Lines and Why Are They This Strong?					
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Student(s) Harrison J. Schroder **Grade** 7 **Town** Woodstock

Connecticut Science Center Physical Science Awards with eesmarks/CEEF 3rd Place- Physical Science 7th Grade Individual - \$100 Cash & trophy
 Young Scientist Challenge Invitation to national Young Scientist Challenge competition
 Society for Science & The Public Middle School Competition Invitation to SPS Middle School National Competition