

Connecticut Science & Engineering Fair Quinnipiac University March 4 - 16, 2024

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

Awards Legend

[SchTown]

[School]

[Teacher]

[Proj#] [FCat] [Honors]

[Project Title]

Winning Projects

Sponsor(s)

Award(s)

Honors = 1st, 2nd, or 3rd honors (Projects with 1st honors are Finalists in Life or Physical Science)

Avon A	Avon High So	chool John S	alerni				
3508	LST	2 De	fining the Significance of Inflammation iing R and Deep Learning Programs	n Atherosclerosis b	y Exam	ining Cross-Cohort Tr	anscriptomics
		Student(s)	Phydena Liu	Grade 10	Town	Avon	
			Lauren Zhang	Grade 11	Town	Darien	
	* CSEF Bo	oard of Directo	rs Award Certificate and \$200 giver	by CSF			
Avon T	alcott Moun	tain Academy	John Pellino				
5009	P7	1 Th	e Aura Project: Landing Rockets at a M	odel Scale			
		Student(s)	Kwabena Addai - Boateng	Grade 8	Town	East Hartford	
	& trophy * Stanley E * Pepsico I * U.S. Air F	/ Black & Decke Engineering A Force Cer	air Association Physical Science Awards Applied Technology Awards Middl wards Finalist - Engineering Middle tificate & USAF Merchandise Package c Excellence in Innovation Awards S	e School Finalist - N School - CSF Meda	Medallio allion	n	ł \$100
Avon T	alcott Moun	tain Academy	Brigette Zacharczenko				
2515	L8	3 Se	a Life: Looking Into the Future				
		Student(s)	Maqueda Green	Grade 8	Town	Bloomfield	
	-						
Avon T	alcott Moun	tain Academy	Brigette Zacharczenko				
2502	L8	1 Re	ducing the Waste of Polyethylene Plast	ic by Galleria mello	nella		
		Student(s)	Yveson Hsiao	Grade 8	Town	Farmington	
	* Environm		th support from Boehringer Ingelheim - s Awards with Connecticut Association ophy				
Avon T	alcott Moun	tain Academy	John Pellino				
2520	L8	1 Th	e Boreabrush				
		Student(s)	Oliver Lind	Grade 8	Town	Harwinton	
	* Stanley E	Black & Decke	th support from Boehringer Ingelheim - r Applied Technology Awards Middl or Award Certificate & \$100 cash aw	e School Finalist - N	∕ledallio	n	llion
Avon T	alcott Moun	tain Academy	Brigette Zacharczenko				
2509	L8	1 Wi	Il Roaches Direct Other Roaches to Foo	od?			
		Student(s)	Talia McKeen	Grade 8	Town	West Granby	
			th support from Boehringer Ingelheim - Awards Finalist - Biotechnology 8th			8th grade- trophy	

SchTown] [Sc	chool]	[Teacher]				
[Proj#] [FCat] [Ho		Project Title]	Sponsor(s)	Award(s)		
	tain Academy					
5003 P7		ER - Green Energy F	Reminder			
	Student(s)	Arya Samat		Grade 7	Town	Avon
Sethel Bethel High	School Ray	mond Turek				
3001 LS	2 Th	ne Effect of Red Ligh esh Spring Water	it and Aloe Ferox Co	oncentrations on Pla	anarian I	Regeneration in the Presence of
	Student(s)	Nushreth Bhuiyar	າ 	Grade 12	Town	Bethel
Bethel Bethel High	School Ray	mond Turek				
3087 LS	3 Ho	ow does pesticides a	affect a plants growt	h?		
	Student(s)	Alessandra Camp	oolo	Grade 12	Town	Bethel
Bethel Bethel High	School Ray	mond Turek				
3116 LS	2 Th	ne Effect of Disinfect contact Lens vs. the u	ing UVC Light Expo	sure on Bacteria Co ti-Purpose Cleansin	ontent, T g Solutio	ransparency and Flexibility of Softon.
	Student(s)	Zoe Demo		Grade 12	Town	bethel
Bethel Bethel High 3067 LS	3 De	tiate the Thymus Inv	-Learning Based Al volution.	gorithm regarding G		analysis to Analyze the Genes Tha
	Student(s)	Srirama Desiraju		Grade 10	Town	Bethel
Bethel Bethel High	School Ray	mond Turek				
6095 PS	0 114					
	Us	ing Convolutional N	eural Networks to C	Classify Mars Image	ry taken	by the HiRISE Camera
		sing Convolutional N Aarush Doshi	leural Networks to C	Classify Mars Image Grade 11	ry taken Town	•
3ethel Bethel High	Student(s)	-	leural Networks to (-	•	•
Bethel Bethel High	Student(s) School Ray	Aarush Doshi		Grade 11	•	•
	School Ray 2	Aarush Doshi		Grade 11	•	Bethel
6007 PS	School Ray 2 Th Student(s)	Aarush Doshi mond Turek ne Most Efficient Mat		Grade 11 3D Printed Shoe.	Town	Bethel
6007 PS	School Ray 2 Th Student(s) School Ray 2 Or	Marush Doshi mond Turek ne Most Efficient Mat Jack Ginin mond Turek	terial To Use For A	Grade 11 3D Printed Shoe. Grade 11	Town	Bethel
6007 PS	School Ray 2 Th Student(s) School Ray 2 Op Ba	Aarush Doshi mond Turek ie Most Efficient Mat Jack Ginin mond Turek otimizing Establishm	terial To Use For A	Grade 11 3D Printed Shoe. Grade 11	Town	Bethel Bethel Seedlings Using Biochar and
6007 PS Gethel Bethel High 3092 LS	School Ray 2 Th Student(s) School Ray 2 Op Ba Student(s)	Marush Doshi mond Turek ie Most Efficient Mat Jack Ginin mond Turek otimizing Establishm acillus Megaterium S	terial To Use For A	Grade 11 3D Printed Shoe. Grade 11 n of Glycine Max (S	Town Town oybean)	Bethel Bethel Seedlings Using Biochar and
6007 PS Bethel Bethel High 3092 LS	School Ray 2 Th Student(s) School Ray 2 Or Ba Student(s) School Ray 2 Ho	Aarush Doshi mond Turek e Most Efficient Mat Jack Ginin mond Turek otimizing Establishm acillus Megaterium S Juliana Habshey mond Tureck	terial To Use For A state and Germination is eed Coating	Grade 11 3D Printed Shoe. Grade 11 n of Glycine Max (S	Town Town oybean) Town	Bethel Bethel Seedlings Using Biochar and

[SchTown [Proj#]	-	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Bethel E	Bethel H	igh School F	Raymond Turek				
6056	PS	2	Properties of Ferroflui	ds			
		Student	(s) Preethika Shenoy	<i>'</i>	Grade 10	Town	Bethel
Bethel E	Bethel H	igh School F	Raymond Turek				
3047	LS	2	Measuring the Correla		uality and Respirato	ry Disea	ses
		Student	(s) Jackson Sorbello	•	Grade 11	Town	bethel
Bethel E	Bethel H	igh School F	Raymond Turek				
3058	LS	2	Determining How Diffe	erent Factors Corre	late To Amount Of S	leep	
		Student	(s) Niamh Spellman		Grade 12	Town	Bethel
Bethel E	Bethel H	igh School F	Raymond Turek				
6090	PS	1	Investigating the Usag Scale Independent St		rostructure Generation	on Tech	niques in the Synthesis of Novel
		Student	(s) Christopher Zura	w	Grade 11	Town	Bethel
	* Conn Meda		e Fair Association Phys	sical Science Award	ds Finalist - Phys	sical Scie	ences Senior High - CSF
Bozrah	Fields M	lemorial Scho	ol Josh Fish				
5513	P8	2	How will temperature	affect the mass tha	t a helium balloon ca	an lift?	
		Student	(s) Kallie Bitgood		Grade 8	Town	Bozrah
	* Petit I	Family Founda	atics Awards 2nd P tion Women in Science gy Awards Finalist	e & Engineering Aw	ards 3rd Place-		Schools- \$100 / trophy
Bozrah	Fields M	lemorial Scho	ol Josh Fish				
1018	LT	2	What Types of Location	ons Produce the Hi	ghest Bacterial Color	ny Coun	ts at our Local Elementary School?
		Student	(s) Hannah East		Grade 7	Town	Bozrah
			Serena BunkerCa	ni	Grade 7	Town	Bozrah
Bozrah	Fields M	lemorial Scho	ol Joshua Fish				
4013	PT	1	Oxidation rates of diffe	erent metals in vari	ous liquids and temp	eratures	
		Student	(s) Elise Kobelski		Grade 7		Bozrah
			Benjamin Savoie		Grade 7	Town	Bozrah
	* Conn * Alexic	ecticut Science on Biotechnolo	e Fair Association Phys gy Awards Finalist	sical Science Award - Biotechnology 7h	ds 3rd Place- Ph grade - CSF Medall	ysical Solion	ciences MS Team- trophy
Bozrah	Fields M	lemorial Scho	ol Joshua Fish				
5002	P7	2	How do variables affe			_	
		Student	(s) Luisyariel Mercad	do	Grade 7	Town	Bozrah

[SchTown] [SchTown] [Proj#] [FCat] [School] Honors] [l	[Teacher] Project Title]	Sponsor(s)	Award(s)		
Bridgeport Bassi	ck High School	Patricia Pappas				
6022 PS	2 M	aking Clothes Fire-R	etardant			
	Student(s)	Darla Viguilla		Grade 11	Town	Bridgeport
Bridgeport Black	ham School N	lancy Hovanec				
4002 PT		overcraft The New Ti	ransportation			
	Student(s)	Sebastian Suarez		Grade 7		Bridgeport
		Jayden Perez		Grade 7	Town	Bridgeport
* U.S. Ai	r Force Ce	rtificate & USAF Mer	chandise Paskage			
Bridgeport Bridge	eport Regional A	Aquaculture Center	Kirk Shadle			
3015 LS	1 No	on-Thermal Induction	of Heat Shock Prote	in 90 to Mitigate E	Early Or	ncogenesis With Preserved HSR
	Student(s)	Chloe Atkins		Grade 12	Town	Stratford
* The Ja Senior * Univers	ckson Laborato High Finalist -	ry with Connecticut A Medallion cut - Early College Ex	•	and Engineering U	Irban So	st - Medallion chool Challenge Awards ce Program: Life Sciences -
		Aquaculture Center				
3123 LS		•	que Carrageenan Bas			
	Student(s)	Camila Borjas		Grade 12	Town	Bridgeport
		Aquaculture Center	Kirk Shadle			
6046 PS			ent Methods on Bioch	· · · · · · · · · · · · · · · · · · ·		
	Student(s)	Sophia Clark		Grade 12	Town	Monroe
Bridgeport Bridge	eport Regional /	Aquaculture Center	Kirk Shadle			
3027 LS	1 Us	sing an Experimental	Algorithm to Detect	Stress in Homarus	s americ	canus in Aquaculture
	Student(s)	Eden Cunninghan	n	Grade 12	Town	Southport
* Life Sc * Petit Fa	ience Awards w amily Foundatio	rith support from Boe n Women in Science	hringer Ingelheim & Engineering Awar	Finalist - Life Sci ds 3rd Place-	ience S High So	enior High - CSF Medallion chool- \$200 / plaque
Bridgeport Bridge	=	•	Kirk Shadle			
6080 PS	3 Us	sing Ozone-Based O	xidation for Pesticide	Detoxification in	Aquatic	Environments
	Student(s)	Aiden Deutsch		Grade 12	Town	Fairfield
* Energiz	zeCT Future Su	stainability Awards -	High School Finali	st - Medallion		

[SchTown] [Proj#] [-	ichool]	[Teacher] Project Title]	Sponsor(s)	Award(s)		
			Aquaculture Center	Kirk Shadle	7.114.4(5)		
6060	PS	2 Ma	·		Generator: Harness	sing energy from flowing s	alt water without
		_	Samuel DiVasto		Grade 12	Town Trumbull	
*	Office o	f Naval Resear	ch- U.S. Navy / U.S.	Marine Corps	HS School- Certifica	ate, \$75.00 gift card given	by ONR
Bridgeport	Bridge	port Regional A	Aquaculture Center	Kirk Shadle			
6030	PS	1 Us	sing Sodium Alginate	Derived Porous C	arbon Material to Inc	crease Capacitance of a C	Cellulose Matrix
		Student(s)	Isabella E Silva		Grade 12	Town Bridgeport	
*	Connec		air Association Phys	ical Science Award	s Finalist - Phys	sical Sciences Senior High	- CSF
*	The Jac			Academy of Science	e and Engineering U	Irban School Challenge Av	wards
Bridgeport	Bridge	port Regional A	Aquaculture Center	Kirk Shadle			
6070	PS	2 Sy	nthesis of Conductiv	e Optical Lenses v	vith Variable Refract	tive Indices: The Kerr Effe	ct
		Student(s)	Cole Galla		Grade 12	Town Trumbull	
			ch- U.S. Navy / U.S. n of Physics Teache			ate, \$75.00 gift card given	by ONR
Bridgeport	Bridge	port Regional A	Aquaculture Center	Kirk Shadle			
6065	PS		erric Modified Bambo etland Sediment	o Biochar as a Pas	ssive Lead (Pb) Rem	nediation Tool in Contamir	nated Coastal
		Student(s)	Keller Hall		Grade 12	Town Monroe	
*	_	mental Science alist - CSF Med		ecticut Association	of Conservation and	d Inland Wetlands Commi	ssions
Bridgeport	Bridge	port Regional A	Aquaculture Center	Kirk Shadle			
3110	LS	2 Ar	Analysis of Flavono	oids as a Relative P	reventative Measur	e for Basal and Squamous	s Cell Carcinomas
		Student(s)	Eliana Howard		Grade 12	Town Trumbull	
Bridgeport	Bridge	nort Regional A	Aquaculture Center	Kirk Shadle			
3077	LS	<u> </u>			alon an enhanced as	erosol treatment for Cystic	Fibrosis
3077		Student(s)		as alginates to deve	Grade 12	Town Stratford	1 1010313
*	The Jac Senior	kson Laboratoı High Finalist -	y with Connecticut A	Academy of Science	e and Engineering U	ience Senior High - CSF N Irban School Challenge Av	
Bridgeport	Bridge	port Regional A	Aquaculture Center	Kirk Shadle			
6075	PS	2 Ide	entifying Bias in the	American Psyche			
		Student(s)	Dylan Padua		Grade 12	Town Stratford	

[SchTown] [Proj#] [FCat]	[School] <mark>[Honors]</mark> [F	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Bridgeport Bridg	geport Regional <i>A</i>	Aquaculture Center	Kirk Shadle				
3102 LS	1 Er	igineering of a Soyb	ean oil-based natur	al clothing dye			
	Student(s)	Alana Reyes		Grade 12	Town	Trumbull	
			ehringer Ingelheim - gy Awards Senio			enior High - C	SF Medallion
Bridgeport Bridg	geport Regional A	Aquaculture Center	Kirk Shadle				
3134 LS	2 Ac	oustic Noise Polluti	on Affecting Reprod	uction, Communica	tion, an	d Behavior of	Brine Shrimp
	Student(s)	Anne Taylor		Grade 12	Town	Fairfield	
* Stanle * Enviro HS F * Bushn	ey Black & Decke onmental Science inalist - CSF Med	r Applied Technolog s Awards with Conr allion rforming Arts Pa	e & Engineering Awa gy Awards Senio necticut Association air of Tickets to Illum	r High Finalist - Me of Conservation an	dallion d Inland	l Wetlands Co	mmissions
Bridgeport Fairo	child Wheeler Aei	rospace / Hydrospa	ce Paul Bergquist				
3063 LS	3 CI	ean The Waters					
	Student(s)	Even Gebretinsa	e 	Grade 10	Town	Bridgeport	
Bridgeport Fairo		technology Kirk S	hadle				
0014 [201		Nicole Guzman		Grade 10	Town	Bridgeport	
		Ashley Cajilima		Grade 10		Bridgeport	
•		technology Lucier					
3075 LS			gellates Due to Clim				
	Student(s)	Kathleen Parkin		Grade 9	Town	redding	
Bridgeport Fairo	child Wheeler Bio	technology Cynth	ia Crudale				
3069 LS	2 Sh	oots vs. Roots: The	Effect of Hormone	Treated Media on L	ettuce (Growth	
	Student(s)	Naomi Rosen		Grade 12	Town	Fairfield	
* Institu	te of Food Techn	ologists, Nutmeg S	ection \$50 award	d + invitation to Awa	ards Niç	ght Dinner with	n guest
Bridgeport Fairo	child Wheeler Bio	technology Marily	n Carolina				
3520 LST		sting the Efficacy o	f Biochar Source Ma	terials in Filtering F	leavy M	etal Pollution	from the Housatonic
	Student(s)	Angeline Tran		Grade 12	Town	Shelton	
		Phi Uanino		Grade 12	Town	Shelton	
* CSEF	Board of Directo	rs Award Certifi	cate and \$200 giver	by CSF			

chTown] [Sch	nool]	[Teacher]			_		
SchTown] [Sch [Proj#] [FCat] <mark>[Ho</mark> r	-	Project Title]	Sponsor(s)	Award(s)			
ridgeport Fairchild	Wheeler Info	ormation Tech and So	ftware Ricki Chie	em			
3515 LST	2 Th	e Great Rooftop Gard	len Experiment				
	Student(s)			Grade 9	Town	Ansonia	
		Marlie Lackran		Grade 9	Town	Stratford	
		Thor Atkins		Grade 9	Town	Seymour	
Bridgeport Geralding		•		ad Tard fram I live	0	wated Tauto	
1009 LT		an you detect Artificial					
	Student(s)	Angelica Philogene	•	Grade 8		bridgeport	
		Kee'maja Lilley		Grade 8	Iown	Bridgeport	
* Infosys Fo Bridgeport Jettie S.		mputer Science Award thryn Cunningham	ds Middle Scho	ool Finalist - Medal	lion		
1024 LT	2 Br	ain Timing					
	Student(s)	Juliette Medina-Cal	deron	Grade 7	Town	Bridgeport	
		DaHanne Gilmore		Grade 7	Town	Bridgeport	
_		Ma'Shirah Profit		Grade 7	Town	Bridgeport	
Bridgeport Jettie S.	Tisdale Fra	ances Morra					
enagopon como o.	200	hich Will It Be?					
4018 PT	3 W						
		Kayla Noel		Grade 8	Town	Bridgeport	
				Grade 8 Grade 8		Bridgeport Bridgeport	
4018 PT	Student(s)	Kayla Noel Jelah Williams				- ·	
4018 PT	Student(s)	Kayla Noel Jelah Williams kshmi Kongani				- ·	
4018 PT	Student(s) htthrop Srila Th	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem		Grade 8	Town	Bridgeport	
4018 PT	Student(s) htthrop Srila Th	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem Fernando Marin		Grade 8	Town	Bridgeport, CT	
4018 PT	Student(s) htthrop Srila Th	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem		Grade 8	Town	Bridgeport	
4018 PT Bridgeport John Wir 4003 PT * The Jacks Middle So	Student(s) hthrop Srila Th Student(s) on Laborator chool Finalis	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem Fernando Marin	-	Grade 8 Grade 8 Grade 8 and Engineering U	Town Town Town Jrban Sc	Bridgeport, CT Bridgeport, CT hool Challenge Awa	ırds
* The Jacks Middle Se * EnergizeC	Student(s) htthrop Srila The Student(s) on Laborator chool Finalise T Alternative	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem Fernando Marin Pandora Nguyen y with Connecticut Acut - Medallion	-	Grade 8 Grade 8 Grade 8 and Engineering U	Town Town Town Jrban Sc	Bridgeport, CT Bridgeport, CT hool Challenge Awa	ırds
# The Jacks Middle Se * EnergizeC	Student(s) htthrop Srila The Student(s) on Laborator chool Finalist T Alternative ille School	Kayla Noel Jelah Williams kshmi Kongani te Pinwheel Problem Fernando Marin Pandora Nguyen y with Connecticut Act t - Medallion & Renewable Energy	/ Awards Midd	Grade 8 Grade 8 Grade 8 and Engineering U	Town Town Town Jrban Sc	Bridgeport, CT Bridgeport, CT hool Challenge Awa	ırds
# The Jacks Middle So EnergizeC Bridgeport Waltersv	student(s) on Laborator chool Finalis T Alternative ille School	Kayla Noel Jelah Williams kshmi Kongani e Pinwheel Problem Fernando Marin Pandora Nguyen by with Connecticut Act of - Medallion e & Renewable Energy	/ Awards Midd	Grade 8 Grade 8 Grade 8 and Engineering U	Town Town Town Jrban Sc Medallic	Bridgeport, CT Bridgeport, CT hool Challenge Awa	ırds

[SchTown] [SchTown] [SchTown]	School] Honors] [P	[Teacher] roject Title]	Sponsor(s)	Award(s)			
Bridgeport Walte	rsville School	John Cunningham					
4008 PT			hold Infrastructure A	Affect the Quality of	Drinkin	g Water in Bridgeport, (CT?
		Andrea Villatoro		Grade 7		Bridgeport	
	. ,	Genesis Reilly		Grade 7		Bridgeport	
* Aquario	n Water Compa		Cash - Grade 7-8			uality or Environmental	
Manag	ement						
Bristol St. Matthe	w School Dan	ielle Persichetti					
5004 P7	2 W	nich Drink Has the M	lost Electrolytes?				
	Student(s)	Lily Chou		Grade 7	Town	Bristol	
* Robert	Francoeur Mem	Women in Science orial Awards Cre e students - \$100					
Bristol St. Matthe	w School Dan	ielle Persichetti					
2002 L7	1 W	nich Moisturizer is B	est?				
	Student(s)	Lauren Gillis		Grade 7	Town	Bristol	
	2 Ge	l Jonathan Neuha	utational Tool for Op		tion Fact	tor Combinations for Inc	creased
		Diya Girish Kuma	<u> </u>	Grade 12	Town	Brookfield	
Brookfield Brookf	ield High Schoo		Analysis of Gliobla	stoma:Identification	n of Diffe	erently Expressed Gene	es and
	_	Shriya Jonnalaga		Grade 12	Town	Brookfield	
* Pfizer C	Computational B	ology and Bioinform	atics Awards S	enior High Finalist	- Medall	ion	
Brookfield Brookf	ield High Schoo	l JonathanNeuhau	ısel				
6077 PS	3 Ge	oCool: A Novel App	roach to Sustainabl	e Residential Cooli	ng Usin	g Underground Soil Ter	nperatures
	Student(s)	Arjun Parimi		Grade 11	Town	Brookfield	
		n Scholarship Award Ith grade project	ds University of	New Haven 4 year	scholar	rship - \$96,000 (\$24,000	0 per
Cheshire Cheshir	e High School	Julie Barker					
6104 PS	3 Pa	tient Appointment P	reparation Tool				
	Student(s)	Lekhan Nair		Grade 9	Town	Cheshire	

[SchTown	-	[School]	[Teache	=	- w(-) A(-)			
		[Honors]	[Project Ti		or(s) Award(s)			
Cheshire		hire High Scho						
6045	PS	2	A Torticollis Using Flutte	Tilt Alerting Device user	sing MPU6050 Senso	r, Vibration m	otor, and iOS and	Android App Built
		Student	(s) Suchita	Srinivasan	Grade	e 10 Town	Cheshire	
	* Robe math * Drea	rt Francoeur M nematics by fe ms Unlimited A	Memorial Awa male student Award \$1	cience Awards 2nd ords Creative or in s - \$100 50 cash award and ce Lunch with a Patent	novative project in en	\$300, Plaque gineering, cor	e nputer science or	
Cheshire	Dodd	Middle Schoo	l Katie Kea	rney				
5509	P8	3	The Irrigato	r- a sustainable solutio	on for gardening			
		Student	(s) Olivia D	ixon	Grade	e 8 Town	Cheshire	
	* Conn		on Conventio	velopment (USAID) - n "Next Step Inventor le 8				ete at the
Danbury	Saint	Gregory the G	reat School	Christine Fahey				
2519	L8	3	Magic Mush	rooms from an Envi	ronmental Perspectiv	е		
		Student	(s) Claire C	calomeni	Grade	e 8 Town	Danbury	
Danbury	Saint	Gregory the G	reat School	Christine Fahey				
2508	L8	3	Can Al Lear	n to Solve a Maze?				
		Student	(s) Ethan L	ambert	Grade	e 8 Town	Danbury	
Danbury	Saint	Gregory the G	reat School	Christine Fahey				
1003	LT	2	Terra-fic Ba	ttery				
		Student	(s) Liam La	iyog	Grade	7 Town	Danbury	
			Gabriel	Santos	Grade	7 Town	Danbury	
Danbury	Saint	Gregory the G	reat School	Christine Fahey				
5019	P7	1	The Fastest	: Way to Solve a Rubil	c's Cube			
		Student	(s) Leonard	do Lazzara	Grade	7 Town	Brookfield	
	* Conn troph		e Fair Associ	ation Physical Science	e Awards 4th Plac	ce- Physical S	Sciences 7th Grade	Ind
Danbury	Saint	Gregory the G	reat School	Christine Fahey				
5011	P7	3	Battery Mar	athon				
		Student	(s) Eden Vi	rtudes	Grade	7 Town	danbury	

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Westside Middle School Academy Nancy Barlow Air Purifier that Effectively Removes Air Toxins - PM 2.5 and Formaldehyde 1008 **Arlis Arias-Paulino** Student(s) Grade 8 Town Danbury Sivayazhini Sivasundar Grade 8 Town Danbury **Kuhutan Roy** Grade 8 Town Danbury * Life Science Awards with support from Boehringer Ingelheim --- 2nd Place- Life Sciences MS Team- \$100 each & The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---4th Place Middle School - Trophy, Medallion * Alexion Biotechnology Awards --- 4th Place Biotechnology 8th grade- trophy Westside Middle School Academy Nancy Barlow **Danbury** The Effect of Different Types of Grass on Soil Erosion 1025 Student(s) Sayam Dand Grade 8 Town Danbury **Kylie Capone** Grade 8 Town Danbury **Ayme Calero** Grade 8 Town danbury * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Sciences Middle School Team - CSF Medallion * Geology/Historic Project of Merit Award --- \$150 or 3 x \$50 - Earth Science - Field work with Geologic or historic value **Danbury** Westside Middle School Academy Nancy Barlow 2518 L8 The Effect of Different Substrates on the Growth of Mycelium Student(s) Milana Lenz Grade 8 Town Danbury * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---3rd Place Middle School - \$100 and Trophy, Medallion * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion Westside Middle School Academy Nancy Barlow **Danbury** 4007 The Effectiveness of Different Distillation Methods for Desalination Student(s) Siddanth Ramakrishnan Grade 7 Town Danbury **Patrick Madden** Grade 7 Town Danbury * Connecticut Science Fair Association Physical Science Awards --- Finalist - Physical Sciences Jr Team - CSF Medallion * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---Middle School Finalist - Medallion * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$25 gift card given by CSEF * Freeman Family Excellence in Chemistry Awards --- \$100 For Excellence in Chemistry or Chemical Engineering -

Middle Schooll

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Westside Middle School Academy Nancy Barlow Building a Versatile Air Sensor That Can Detect PM10 & PM2.5 in the Air 4012 Student(s) Sarvesh Ram Sankarnarayan Grade 8 Town Danbury **Gabrielle Anderson** Grade 8 Town Danbury **Eleftherios Amperidis** Grade 8 Town Danbury, Ct * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---2nd Place Middle School - \$200 and Trophy, Medallion Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions ---3rd Place MS-\$100, Trophy * ISA - International Society for Automation - Ct. Valley Section --- 2nd - \$75 award * The Community Foundation for Greater New Haven Ecology, Environmental, and Alternative Energy Research Prize
--- Urban Public School Environmental / Energy Award - \$250 * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2024 Invention Convention, June 8 **Danbury** Westside Middle School Academy Nancy Barlow 1013 Homemade Fertilizer's Affect on Plant Growth Student(s) Ishita Shiralkar Grade 7 Town Danbury Ava Zaloski Grade 7 Town Danbury **Izel Diaz** Grade 7 Town Danbury **Danbury** Westside Middle School Academy Nancy Barlow The Effects of Different Water Plants on Nitrate Water Levels 1019 Student(s) Samantha Suda Grade 8 Town danbury Grade 8 Sarah Pacheco Town Danbury Chelsea Dodoo Grade 8 Town danbury * Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion **Danbury** Westside Middle School Academy Nancy Barlow 1004 How Does Temperature Affect How Bright Bioluminescent Plankton Glow? Student(s) Montana Urban Grade 7 Town Danbury **Sebastian Madera-Guridy** Grade 7 Town Danbury Erin George Grade 7 Town Danbury * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---Middle School Finalist - Medallion **Danbury** Westside Middle School Academy Nancy Barlow How do Different Strength Magnets Affect a Phone's Charging Speed 4023 Student(s) Kylie Wilson Grade 8 Town Danbury **Caleb Lopes** Grade 8 Town Danbury Carmelo McCollough Grade 8 Town Danbury * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---Middle School Finalist - Medallion * Stanley Black & Decker Applied Technology Awards --- Middle School Finalist - Medallion

Danbury Wooste	r Brian Sulliva	n		
6094 PS	2 Bu	ilding an app to diagnosis	Lung Cancer through the use of	f introducing an nth-linearity term in a Weig
	_		ural Network with Random Fore	
	Student(s)	Alejandro Mayorga	Grade 9	Town Danbury
Darien Darien Hiç	gh School Hun	ter King		
6101 PS		echanistic Analysis of the D rmite Nests	Priving Factors for Ventilation Dy	namics within Macrotermes Michaelseni
	Student(s)	Lucas Meier	Grade 12	Town Darien
Darien Darien Hiç	gh School Dav	id Lewis		
3108 LS	2 Th	e Economic Efficacy of Va	rious Algae Strains for Biofuel F	Production
	Student(s)	Steven Olvany	Grade 12	Town Darien
	rh Cohool Chri	stine Leventhal		
Darien Darien Hig	gri Scriooi Criri	Suite Levertulai		
Darien Darien Hig			signal to analyze the effects of	noise
6082 PS * Connect Medal	1 Sir Student(s) cticut Science Fa	mulating CMB temperature Bo-Jun Qin air Association Physical Sc	Grade 12 ience Awards Finalist - Phy	Town Darien sical Sciences Senior High - CSF
* Connection Medal * Connection C	1 Sir Student(s) cticut Science Falion cticut College-Ph	mulating CMB temperature Bo-Jun Qin air Association Physical Sc nysics, Astronomy, & Geop	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award:	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash
* Connec	1 Sir Student(s) cticut Science Falion cticut College-Ph gh School Guy 3 An	mulating CMB temperature Bo-Jun Qin air Association Physical Sc nysics, Astronomy, & Geop Pratt Investigation of Stone Rei	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award:	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800
* Connection Medal * Connection C	1 Sir Student(s) cticut Science Falion cticut College-Pr gh School Guy 3 An	mulating CMB temperature Bo-Jun Qin air Association Physical Sc nysics, Astronomy, & Geop Pratt Investigation of Stone Rei	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award:	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800
* Connect Medal * Connect Medal * Connect PS * Pepsical * Parish Pari	1 Sir Student(s) cticut Science Falion cticut College-Ph gh School Guy 3 An -12 Student(s) c Engineering An hitecture Founda	mulating CMB temperature Bo-Jun Qin air Association Physical Scraysics, Astronomy, & Geoper Pratt Investigation of Stone Reizon AD In Southwestern University Trudel wards Finalist - Engine attion - The William M. Mac	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 eering High School - CSF Medal	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut
* Connect Medal * Connect Medal * Connect PS Darien Darien High Medal * Connect PS * Pepsic * CT Archite	1 Sir Student(s) cticut Science Falion cticut College-Pr gh School Guy 3 An -12 Student(s) o Engineering Ar hitecture Foundation	mulating CMB temperature Bo-Jun Qin air Association Physical Sconysics, Astronomy, & Geoper Pratt Investigation of Stone Rece200 AD in Southwestern University Trudel wards Finalist - Engine ation - The William M. Mack, AIA A	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 ering High School - CSF Medal k, AIA Award \$250 Amazon	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut
* Connect Medal * Connect Medal * Connect PS Darien Darien High Medal * Connect PS * Pepsic * CT Archite	1 Sir Student(s) cticut Science Falion cticut College-Ph gh School Guy 3 An -12 Student(s) c Engineering An hitecture Foundation cyme High School	mulating CMB temperature Bo-Jun Qin air Association Physical Sconysics, Astronomy, & Geoper Pratt Investigation of Stone Rece200 AD in Southwestern University Trudel wards Finalist - Engine ation - The William M. Mack, AIA A	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 eering High School - CSF Medal k, AIA Award \$250 Amazon ward for Innovation in Building S	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut
* Connect Medal * Ps	1 Sir Student(s) cticut Science Falion cticut College-Ph gh School Guy 3 An -12 Student(s) c Engineering An hitecture Foundation cyme High School	mulating CMB temperature Bo-Jun Qin air Association Physical Scraysics, Astronomy, & Geoper Pratt Investigation of Stone Reizon AD In Southwestern University Trudel wards Finalist - Engine ation - The William M. Mack, AIA A on Cecilia Prytko	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 eering High School - CSF Medal k, AIA Award \$250 Amazon ward for Innovation in Building S	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut
* Connect Medal * Ps	1 Sir Student(s) cticut Science Falion cticut College-Pr gh School Guy 3 An -12 Student(s) o Engineering Ar hitecture Foundation cyme High School	mulating CMB temperature Bo-Jun Qin air Association Physical Sconysics, Astronomy, & Geoper Pratt Investigation of Stone Rece 200 AD In Southwestern United Evelyn Trudel wards Finalist - Engine ation - The William M. Mack, AIA A ool Cecilia Prytko b, Internship and Program	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 eering High School - CSF Medal k, AIA Award \$250 Amazon ward for Innovation in Building S	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion I Gift Ccard from the Connecticut Sustainability.
* Connect Medal * PS * Pepsicon * CT Archite Archite Medal * PS * Pepsicon * CT Archite Medal * CT Archite Medal * PS * Pepsicon * CT Archite Medal * PS * Pep	1 Sir Student(s) cticut Science Falion cticut College-Pr gh School Guy 3 An -12 Student(s) c Engineering Ar hitecture Foundation cyme High School 2 Jo Student(s)	Bo-Jun Qin air Association Physical Scraysics, Astronomy, & Geopore Pratt Investigation of Stone Receondary Trudel Evelyn Trudel wards Finalist - Engine ation - The William M. Mack, AIA A ol Cecilia Prytko b, Internship and Program Jessica Joe	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 ering High School - CSF Medal k, AIA Award \$250 Amazon ward for Innovation in Building S	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut Sustainability. Town East Lyme
* Connect Medal * PS * Pepsicon * CT Archite Archite Medal * PS * Pepsicon * CT Archite Medal * CT Archite Medal * PS * Pepsicon * CT Archite Medal * PS * Pep	1 Sir Student(s) cticut Science Falion cticut College-Ph gh School Guy 3 An -12 Student(s) c Engineering An hitecture Foundation cyme High School 2 Jo Student(s) n High School 2 De	mulating CMB temperature Bo-Jun Qin air Association Physical Sconysics, Astronomy, & Geoper Pratt Investigation of Stone Rece 200 AD in Southwestern United Evelyn Trudel wards Finalist - Engine ation - The William M. Mack, AIA A oil Cecilia Prytko b, Internship and Program Jessica Joe Sophia Joe David Gerlach	Grade 12 ience Awards Finalist - Phy hysics Dept Senior Award: usual Construction Techniques nited States Based on Stone Le Grade 12 ering High School - CSF Medal k, AIA Award \$250 Amazon ward for Innovation in Building S	Town Darien sical Sciences Senior High - CSF Certificate, \$100 Cash Used in the Anasazi Community From 800 angth-Width Ratios Town Darien lion a Gift Ccard from the Connecticut Sustainability. Town East Lyme Town East Lyme

		[Tanahau]				
SchTown] [Sch	-	[Teacher]	Chancer(e)	Aurord(o)		
[Proj#] [FCat] [Hor		Project Title]	Sponsor(s)	Award(s)		
Enfield Chiaravalle A		m Coleman				
1016 LT		see how much bread	d mold grows on d	• • • • • • • • • • • • • • • • • • • •		
	Student(s)	Andrew Banker		Grade 7		Wilbraham
		Grant Kelly		Grade 7		Enfield
		Tristan Mroz		Grade 7	Town	broad brook
Enfield Chiaravalle A	Academy Ti	m Coleman				
1011 LT	2 Dc	Energy Drinks Affect	t the Growth of Mic	crobes?		
		Delanie Bernier		Grade 7	Town	Chicopee
	` '	Lia Vidal		Grade 7		Enfield
_		Waverly Goodman	1	Grade 7	Town	Suffield
Enfield Chiaravalle A	Noodomy Ti	m Coleman				
			wing poils and wate	ur loviolo		
1021 LT		mboos growth in var			T	Sufficial CT
	Ctudost/s\	Macan Carkanawia				
	Student(s)	Mason Cerkanowic	CZ	Grade 8		Suffield, CT
_	Student(s)	Mason Cerkanowic	cz 	Grade 8		Longmeadow Mass
_		Shiv Patel	cz			
Enfield Chiaravalle A	Academy Ti	Shiv Patel m Coleman				
Enfield Chiaravalle A	Academy Ti	Shiv Patel m Coleman ing Solar to Generate				
	Academy Ti	Shiv Patel m Coleman			Town	Longmeadow Mass Monson
	Academy Ti	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas		Grade 8	Town Town Town	Longmeadow Mass Monson Enfield
	Academy Ti	m Coleman ing Solar to Generate Keenan Cieslak		Grade 8	Town Town Town	Longmeadow Mass Monson
* Stanley Bla * EnergizeC	Academy Ti 2 Us Student(s) ack & Decker	m Coleman sing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski	e Electricity. / Awards 1st P	Grade 8 Grade 8 Grade 8 Grade 8	Town Town Town Town	Monson Enfield Enfield and Plaque, Medallion
* Stanley Bla * EnergizeC	Academy Ti 2 Us Student(s) ack & Decker T Alternative	m Coleman sing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ	e Electricity. / Awards 1st P	Grade 8 Grade 8 Grade 8 Grade 8	Town Town Town Town	Monson Enfield Enfield and Plaque, Medallion
* Stanley Bla * EnergizeC * IEEE, Con	Academy Ti 2 Us Student(s) ack & Decker T Alternative snecticut Sector	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ	e Electricity. / Awards 1st P py Awards 1st F able Mention	Grade 8 Grade 8 Grade 8 Grade 8	Town Town Town Town	Monson Enfield Enfield and Plaque, Medallion
* Stanley Bla * EnergizeC * IEEE, Con	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sector Academy Ti 3 Th	m Coleman Sing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora	e Electricity. / Awards 1st P py Awards 1st F able Mention	Grade 8 Grade 8 Grade 8 Grade 8	Town Town Town I - \$300 a	Monson Enfield Enfield and Plaque, Medallion
* Stanley Bla * EnergizeC * IEEE, Con	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sector Academy Ti 3 Th	m Coleman sing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on year	e Electricity. / Awards 1st P py Awards 1st F able Mention	Grade 8 Grade 8 Grade 8 Grade 8 Acce Middle School	Town Town Town I - \$300 a ol - \$300	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy
* Stanley Bla * EnergizeC * IEEE, Con	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sector Academy Ti 3 Th	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on year	e Electricity. / Awards 1st P py Awards 1st F able Mention	Grade 8 Grade 8 Grade 8 Grade 8 Dace Middle School	Town Town Town I - \$300 a ol - \$300	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy Somers
* Stanley Bla * EnergizeC * IEEE, Con	Academy Ti 2 Us Student(s) ack & Decker T Alternative inecticut Sector Academy Ti 3 Th Student(s)	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on year	e Electricity. / Awards 1st P py Awards 1st F able Mention	Grade 8 Grade 8 Grade 8 Grade 8 Dace Middle School	Town Town Town I - \$300 a ol - \$300	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy Somers
* Stanley Black * EnergizeC * IEEE, Con Enfield Chiaravalle A 4005 PT	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sector Academy Ti 3 Th Student(s)	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on yea Jayden Eldridge Alana Tucker	e Electricity. / Awards 1st P ly Awards 1st F able Mention ast cells.	Grade 8 Grade 8 Grade 8 Grade 8 Grade 8 Grade School	Town Town Town I - \$300 a ol - \$300	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy Somers
* Stanley Bla * EnergizeC * IEEE, Con Enfield Chiaravalle A 4005 PT	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sect Academy Ti 3 Th Student(s) Academy Ti	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on yea Jayden Eldridge Alana Tucker	e Electricity. / Awards 1st P ly Awards 1st F able Mention ast cells.	Grade 8 Grade 8 Grade 8 Grade 8 Grade 8 Grade School	Town Town Town I - \$300 a ol - \$300 Town Town	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy Somers
* Stanley Bla * EnergizeC * IEEE, Con Enfield Chiaravalle A 4005 PT	Academy Ti 2 Us Student(s) ack & Decker T Alternative Inecticut Sect Academy Ti 3 Th Student(s) Academy Ti	m Coleman ing Solar to Generate Keenan Cieslak Beau Dugas Michael Bielanski r Applied Technology & Renewable Energ tion \$100 Honora mothy Coleman e effects of 5g on yea Jayden Eldridge Alana Tucker mothy Coleman nat type of salt is bes	e Electricity. / Awards 1st P ly Awards 1st F able Mention ast cells.	Grade 8 Grade 8 Grade 8 Grade 8 Jace Middle School Place Middle School Grade 8 Grade 8 Grade 8	Town Town Town 1 - \$300 a ol - \$300 Town Town	Monson Enfield Enfield and Plaque, Medallion Cash and Trophy Somers Somers

[SchTown] [Proj#] [FCat]	[School] [Honors] [[Teacher] Project Title]	Sponsor(s)	Award(s)		
		im Coleman		. , ,		
1006 LT		lants vs. Wildfires				
	Student(s)			Grade 7	Town	Windsor
		Arianna Plaz		Grade 7	Town	Suffield
		Antonina Borodii		Grade 7	Town	Enfield
MS	Finalist - CSF Med					Wetlands Commissions
Enfield Chiara	valle Academy T	imothy Coleman				
1026 LT	1 H	ow Does Different Type	es of Food Affect A	A Chicks' Growth a	nd Learı	ning Ability?
	Student(s)	Zoha Shamsi		Grade 7	Town	Suffield
		Leah Caswell		Grade 7	Town	Enfield
		Marin Czerwiec		Grade 7	Town	Agawam
* Alex * U.S.	Agency for Intern	Awards 3rd Place ational Development (L				n by CSEF
	·	im Coleman				
1002 LT		ssential Oil's Noah Wyse		Grade 8	Town	Broad Brook
	Student(s)	Caden Young		Grade 7		Suffield
		- Cauch Foung		- Grade /	TOWIT	
Fairfield Fairfie	_	School Rekha Pappal				
6024 PS	2 H	arnessing Renewable \ liniature Rotors to Decr	Wind Energy Induction ease Consumption	ced by Trains by Den of Fossil Fuels	evelopin	g a Quadrant Wind Tunnel with
	Student(s)	Samhitha Kunichett	ту	Grade 11	Town	Fairfield
	_	chool Ryan Gleason				
3518 LST		he Effects of Golf Cours	se Runoff on Roos			
	Student(s)	Calista Gleason		Grade 9		Fairfield
		Emma Speicher		Grade 9	Town	Fairfield
Fairfield Fairfie	eld Woods Middle	School Michael Sgou	ıtas			
4021 PT	1 A	utomotive CO2 Emission	ons Bio-Filtration S	System		
	Student(s)	Alexander Majewsk	i	Grade 7	Town	Fairfield
		Parshwa Shah		Grade 7	Town	Fairfield
Med	dallion	Fair Association Physica		•	sical Sci	ences Jr Team - CSF

[SchTown [Proi#]	•	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
			n School Alexandra R	,	7 2 (0)		
6054	PS	1	Steeping Towards Sa		cotovin Risks in Co	ffee and	Теа
0034	10	Studen	it(s) Rhea Doshi	nety. Addressing My	Grade 9		Farmington
			` ,				
		ecticut Scien idual - Plaqu	ce Fair Association Phy	sical Science Award	s 4th Place- Ph	ysical S	ciences Senior High
	* Alexid	on Biotechno	logy Awards Finalis echnologists, Nutmeg S				ight Dinner with guest
Farmingto	on Fai	mington High	n School Alexandra R	aymunt			
3511	LST	2	The impact of differer	nt levels of spf on the	pigmentation of or	e's skin	
		Studen	it(s) Lauren Jeong		Grade 11	Town	Farmington
			Lydia Kim		Grade 11	Town	Farmington
	* CSEF	Board of Di	rectors Award Certif	ficate and \$200 give	n by CSF		
Farmingto	on Fai	mington High	n School Alexandra R	aymunt			
3091	LS	2	Identifying a novel bid articles. I plan to verif	marker for liver can y its viability with an	cer through an exte expert.	nsive se	arch of open sources and existing
		Studen	t(s) Rohith Lanka	-	Grade 11	Town	Unionville
Farmingto	on Fai	mington High	n School Alexandra R	aymunt			
6068	PS	1	Origami-Inspired Pap	er-Based Multiplex [Device for Water Co	ntamina	tion Monitoring
		Studen	ıt(s) Jiayi Liu		Grade 11	Town	Farmington
	Med	allion	ce Fair Association Phy		•		ences Senior High - CSF
	* South		England Marine Educa				nip for student and teacher in
	* Aqua Man	rion Water Co agement	ompany 3rd \$100.0	0 Cash - Grade 9-12	For Excellence in \	Water Q	uality or Environment
	* Unive	ersity of New) for exempla	Haven Scholarship Awa ary 11th grade project	ards University o	f New Haven 4 yea	r scholar	rship - \$96,000 (\$24,000 per
Farmingto	on Fai	mington High	n School Alexandra R	aymunt			
3532	LST	2	The Efficiency of Elec	ctrolytes in Athletic P	erformance		
		Studen	it(s) Kashvi Madhwar	ni	Grade 11	Town	Farmington
			Alison Rodrigue	Z	Grade 11	Town	Farmington
Farmingto	on Fai	mington High	n School Xiaodi Wang				
3100	LS	1	Optimizing the LSTM		el for Arctic Sea Ice	Melting	Prediction
0100		Studen	t(s) Victoria Pegkou		Grade 12		Unionville
			ds with support from Bo natics Awards 2nd I			ience Se	enior High - CSF Medallion

[Proj#] [FCat] [I							
		hool Alexandra R	-				
3528 LST			of Chat GPT's AI Ger				
	Student(s)	Selina Shi		Grade 11		Farmington	
		John Zhang		Grade 11	Town	Farmington	
	ington High Sc	hool Alexandra R	aymunt				
3521 LST	3E	nhancing Enzyme A	ctivity: Exploring the	Impact of Natural	Inhibitors	3	
	Student(s)	Gabriella Tycz		Grade 11		Unionville	
		alexandra urban	owicz	Grade 11	Town	farmington	
	Porter's Schoo	Christine Scanlo	n				
3529 LST			n temperature setting				
	Student(s)			Grade 11	_	New York City	
		Tingjia Shi		Grade 10	Town	Farmington	
orminaton Miss							
3105 LS	1 Te	I Christine Scanlo esting Prevalence on tibiotics in Hotspot	n f Bacteria Resistant t Connecticut Environ	to Tetracycline, Sul ments	fametho	xazole, and Chlora	amphenicol
	1 Te	esting Prevalence o	f Bacteria Resistant Connecticut Environ	to Tetracycline, Sul ments Grade 12		xazole, and Chlora	amphenicol
3105 LS ** Life Sci	Student(s)	esting Prevalence o ntibiotics in Hotspot Sophia Pidvysot rith support from Bo	f Bacteria Resistant Connecticut Environ	Grade 12 Finalist - Life So	Town	Hartford enior High - CSF N	1edallion
3105 LS * Life Sci	Student(s) Sence Awards warmily Foundation	esting Prevalence o ntibiotics in Hotspot Sophia Pidvysot vith support from Bo n Women in Scienc	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa	Grade 12 Finalist - Life So	Town	Hartford enior High - CSF N	1edallion
* Life Sci	Student(s) ence Awards wamily Foundation Porter's School	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot with support from Bon Women in Science	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa	Grade 12 Finalist - Life Soards 2nd Place	Town tience Se High Sc	Hartford enior High - CSF N	1edallion
* Life Sci * Petit Fa	Student(s) ence Awards wamily Foundation Porter's School	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot with support from Bon Women in Science Christine Scanlo ow to modify starch	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa	Grade 12 Finalist - Life Soards 2nd Place	Town sience Se High Sc ty?	Hartford enior High - CSF N	1edallion
* Life Sci * Petit Fa Farmington Miss 6059 PS	Student(s) Student(s) Sence Awards warmily Foundation Porter's Schoo 2 H Student(s)	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot with support from Bon Women in Science Christine Scanlo ow to modify starch	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r	Grade 12 Finalist - Life Soards 2nd Place	Town sience Se High Sc ty?	Hartford enior High - CSF M hool \$300 / plaque	1edallion
* Life Sci * Petit Fa Farmington Miss 6059 PS	Student(s) ence Awards warmily Foundation Porter's Schoo 2 H Student(s) stonbury High S	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot with support from Bon Women in Science Christine Scanlo ow to modify starch Anqi Shi	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r	Grade 12 Finalist - Life Soards 2nd Place reduce its ecotoxici Grade 12	Town sience Se High Sc ty? Town	Hartford enior High - CSF N hool \$300 / plaque New Canaan	ledallion
* Life Sci * Petit Fa Farmington Miss 6059 PS	Student(s) ence Awards wamily Foundation Porter's Schoo 2 Student(s) stonbury High S	esting Prevalence on tibiotics in Hotspot Sophia Pidvysote of the support from Boon Women in Science of Christine Scanlo ow to modify starched Anqi Shi School Diane Pinta OLE OF GRAVITY	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r	Grade 12 Finalist - Life Soards 2nd Place reduce its ecotoxici Grade 12	Town sience Se High Sc ty? Town	Hartford enior High - CSF N hool \$300 / plaque New Canaan	ledallion
* Life Sci * Petit Fa Farmington Miss 6059 PS	Student(s) Sence Awards warmily Foundation Porter's Schoo 2 H- Student(s) Student(s) Student(s)	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot: With support from Bon Women in Science Christine Scanlo ow to modify starch: Anqi Shi Chool Diane Pinta OLE OF GRAVITY LECTROLYZERS James Hall	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r	Grade 12 Finalist - Life Solards 2nd Place reduce its ecotoxici Grade 12 EMOVAL IN POLY Grade 11	Town sience Se High Sc ty? Town	Hartford enior High - CSF M hool \$300 / plaque New Canaan ECTROLYTE MEM Glastonbury	ledallion
* Life Sci * Petit Fa Farmington Miss 6059 PS Glastonbury Glas 6023 PS * Energiz	Student(s) ence Awards warmily Foundation Porter's Schoo 2 H Student(s) stonbury High S 2 Student(s) Student(s)	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot: With support from Bon Women in Science Christine Scanlo ow to modify starch: Anqi Shi Chool Diane Pinta OLE OF GRAVITY LECTROLYZERS James Hall	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r avalle IN OXYGEN GAS RI	Grade 12 Finalist - Life Solards 2nd Place reduce its ecotoxici Grade 12 EMOVAL IN POLY Grade 11	Town sience Se High Sc ty? Town	Hartford enior High - CSF M hool \$300 / plaque New Canaan ECTROLYTE MEM Glastonbury	ledallion
* Life Sci * Petit Fa Farmington Miss 6059 PS Glastonbury Glas 6023 PS * Energiz	Student(s) ence Awards wamily Foundation Porter's Schoo 2 H Student(s) etonbury High S 2 R E Student(s) eeCT Alternative etonbury High S 2 R E	esting Prevalence on tibiotics in Hotspot Sophia Pidvysot: With support from Bon Women in Science Christine Scanlo ow to modify starch: Anqi Shi School Diane Pinta OLE OF GRAVITY LECTROLYZERS James Hall e & Renewable Ene	f Bacteria Resistant (Connecticut Environ ski ehringer Ingelheim - e & Engineering Awa n -based bioplastic to r avalle IN OXYGEN GAS RI	Grade 12 Finalist - Life Solards 2nd Place reduce its ecotoxici Grade 12 EMOVAL IN POLY Grade 11	Town sience Se High Sc ty? Town MER EL Town	Hartford enior High - CSF M hool \$300 / plaque New Canaan ECTROLYTE MEM Glastonbury	Medallion
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lastonbury Glast	onhury High S	chool Diana Pinta	avalle		
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3003 L3		Aarav Mehta	IL ITTILATION BASE	Grade 11	Town Glastonbury
-		7.0.07			
Plantanhum, Glant	onbung High C	ahaal Diana Binta	wallo		
Glastonbury Glast					OMPOCITION OF VVI FM WATER IN
6069 PS	2 TH DE	ECIDUOUS TREES	FLUCTUATIONS IN	THE ISOTOPIC CO	OMPOSITION OF XYLEM WATER IN
-	Student(s)	Kiernan Tierney		Grade 12	Town Glastonbury
Glastonbury Glast	onbury High S	chool Diane Pinta	avalle		
3066 LS	1 Pro	oteomic Analysis of	Autism-Associated	Variants in Human	ASPM Gene
	Student(s)	Presthika Vijayku	ımar	Grade 11	Town Glastonbury
* Life Scie * Alexion E	nce Awards wi Biotechnology	th support from Boo Awards Finalist	ehringer Ingelheim - : - Biotechnology Ser	Finalist - Life Sc iior High - CSF Me	ience Senior High - CSF Medallion dallion
Greenwich Brunsw	rick School D	ana Montanez			
6015 PS					
0013 13		ertial Navigation Co ockets	ntrol System: Use of	Reaction Wheels a	as an in-flight Steering Mechanism for
* M&T Bar * Yale Scie * U.S. Air l	Student(s) nk Mathematicsence & Engine Force Cer	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Me	ng lace High School- \$5 nc 1 Certificate, rchandise Package	Grade 11 00 and Plaque Medallion and 1-3	Town Greenwich \$25 gift card given by CSEF
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project-	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ae nical Society or \$150, subscrip	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meeronautics & Astron f Greater Hartford - tion to Sky and Tele	ng lace High School- \$5 nc 1 Certificate, rchandise Package nautics - Connecticut	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a and Award for Exce	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project-	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ad nical Society of \$150, subscrip	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - tion to Sky and Telepana Montanez	ng lace High School- \$5 nc 1 Certificate, rchandise Package lautics - Connecticut The Charles Hammelescope, ASGH mem	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a and Award for Exceedership and meetir	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ae nical Society or \$150, subscrip	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meeronautics & Astron f Greater Hartford - Ition to Sky and Telepana Montanez e Efficiency of Toro	lace High School- \$5 nc 1 Certificate, rchandise Package nautics - Connecticut The Charles Hamme	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Exce bership and meetir	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers
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* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project- Greenwich Brunsw	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D 1 Th Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astron f Greater Hartford - tion to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby	ng lace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10 Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Soat Propellers Town New Canaan Town Greenwich
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project- Greenwich Brunsw 6522 PST	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D 1 Th Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astron f Greater Hartford - tion to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby	ng lace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10 Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Soat Propellers Town New Canaan
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project- Greenwich Brunsw 6522 PST * Connecti Medallic * Vanderb	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society o \$150, subscrip rick School D Th Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby air Association Physic	lace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10 Grade 10 Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Soat Propellers Town New Canaan Town Greenwich
* M&T Bar * Yale Scie * U.S. Air I * Americar * Astronon Project- Greenwich Brunsw 6522 PST	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby air Association Physical Carney LLC \$150 Vand	Iace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl sical Science Awards	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF In Tribology and Sustainable
* M&T Bar * Yale Scie * U.S. Air I * Americar * Astronon Project- Greenwich Brunsw 6522 PST	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby air Association Physical Carney LLC \$150 Vand	lace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF In Tribology and Sustainable
* M&T Bar * Yale Scie * U.S. Air I * Americar * Astronon Project- Greenwich Brunsw 6522 PST * Connecti Medallic * Vanderb Lubricat * ISA - Inte	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s) icut Science Fa in itt Chemicals, L icon ernational Soci	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astron f Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby air Association Physical Carlot C	lace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl sical Science Awards lerbilt Chemicals Awards - Ct. Valley Section	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF n Tribology and Sustainable
* M&T Bar * Yale Scie * U.S. Air l * Americar * Astronon Project- Greenwich Brunsw 6522 PST * Connecti Medallic * Vanderb Lubricat * ISA - Inter	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s) Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toro Thomas Carney Pierce Crosby air Association Physical Physic	Iace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl sical Science Awards lerbilt Chemicals Awards - Ct. Valley Section	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10 Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF in Tribology and Sustainable
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* M&T Bar * Yale Scie * U.S. Air * Americar * Astronon Project- Greenwich Brunsw 6522 PST * Connecti Medallic * Vanderb Lubricat * ISA - Inte	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s) icut Science Fa nit Chemicals, I ion ernational Soci rick School D Re Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meteronautics & Astronof Greater Hartford - Ition to Sky and Televana Montanez e Efficiency of Toroc Thomas Carney Pierce Crosby air Association Physical Action Automation - Ition to Sky and Televana Montanez ety for Automation - Ition Automation - Ition Automation - Ition Automation - Itina Montanez ety for Automation - Itina Montanez ety and Montanez ety	Iace High School- \$5 nc 1 Certificate, rchandise Package rautics - Connecticut The Charles Hamme escope, ASGH mem oidal Propellers on Pl sical Science Awards lerbilt Chemicals Awards - Ct. Valley Section	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10 Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF in Tribology and Sustainable
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* M&T Bar * Yale Scie * U.S. Air * Americar * Astronon Project- Greenwich Brunsw 6522 PST * Connecti Medallic * Vanderb Lubricat * ISA - Inte	Student(s) nk Mathematics ence & Engine Force Cer n Institute of Ac nical Society or \$150, subscrip rick School D Th Student(s) cut Science Fac n ernational Soci rick School D The Student(s) Student(s)	Thomas Armstro s Awards 1st Plering Association, litificate & USAF Meeronautics & Astron of Greater Hartford - tion to Sky and Telepana Montanez Thomas Carney Pierce Crosby air Association Physical Phys	Iace High School- \$5 nc 1 Certificate, irchandise Package reduction of Connecticut The Charles Hamminescope, ASGH mem oidal Propellers on Pl sical Science Awards lerbilt Chemicals Awards - Ct. Valley Section Vaste through the Crepham	Grade 11 00 and Plaque Medallion and 1-3 Section \$200 a ond Award for Excelership and meetir ane Engines and E Grade 10	Town Greenwich \$25 gift card given by CSEF award, certificate ellence in Astronomy Senior ng invitation Boat Propellers Town New Canaan Town Greenwich sical Sciences Senior Team - CSF in Tribology and Sustainable

SchTown] [Sc [Proj#] [FCat] [Ho	chool]	[Teacher] Project Title]	Sponsor(s)	Award(s)		
		Dana Montanez	Sporisor(s)	Awaru(5)		
3507 LST		sing Mineral Packed	Linosomes to Incres	ase Plant Growth in	Δrid Fr	nvironments
3307 L31	Student(s)		Liposomes to increa	Grade 11		Riverside
	Student(s)	Tucker Spiess		Grade 11		Old Greenwich
-		Tucker Spiess		Grade 11	TOWN	——————
* Institute	of Food Techr	nologists, Nutmeg Se	ection \$100 awa	rd + invitation to Av	wards Ni	ght Dinner with guest
Greenwich Brunsw	-	Dana Montanez				
3531 LST		olation and Recombi an Organic Antifunç		Compounds from	the Sea	Sponge Plakortis Simplex For U
	Student(s)	George Kapp		Grade 10	Town	Greenwich
		Neel Behringer		Grade 10	Town	Greenwich
3519 LST		elective Weed Extern			_	<u> </u>
- ≩reenwich Brunsw	Student(s)	Nikolai Krause Henry Mayerfield Dana Montanez		Grade 10 Grade 10		Greenwich Scarsdale
Greenwich Brunsw 3085 LS	ick School [Henry Mayerfield Dana Montanez	n of Infrared Light as icum	Grade 10	Town	
	ick School [Henry Mayerfield Dana Montanez nlorophyll's Reflectio	n of Infrared Light as icum	Grade 10	Town	Scarsdale
* Life Scie * Pepsico	ick School [1 Clar Student(s) nce Awards w Engineering A	Henry Mayerfield Dana Montanez Inlorophyll's Reflection Ind Solanum lycopers Max Lanson	icum hringer Ingelheim	Grade 10 s a Method to Dete Grade 10 - Finalist - Life Sc	Town Town ience Se	Scarsdale
* Life Scie * Pepsico	ick School [1 Cl ar Student(s) nce Awards w Engineering A	Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson Ith support from Boe wards Finalist	icum hringer Ingelheim Engineering High Sc	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall	Town Town ience Seion	Scarsdale verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion
* Life Scie * Pepsico	ick School [1 Cl ar Student(s) nce Awards w Engineering A ick School [2]	Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson In the support from Boekwards Finalist Dana Montanez The Impact of Ocean A	icum hringer Ingelheim Engineering High Sc	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall	Town Town ience Seion	Scarsdale verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion monas salina and Amphidinium
* Life Scie * Pepsico Greenwich Brunsw	ick School [1 Cl ar Student(s) nce Awards w Engineering A	Henry Mayerfield Dana Montanez Inlorophyll's Reflection Solanum lycopers Max Lanson ith support from Boewards Finalist Dana Montanez Included Indicate Indicate Impact of Ocean Action	icum hringer Ingelheim Engineering High Sc	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall	Town Town ience Seion f Rhodo Town	Scarsdale Verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion monas salina and Amphidinium Greenwich
* Life Scie * Pepsico Greenwich Brunsw	ick School [1 Cl ar Student(s) nce Awards w Engineering A ick School [2]	Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson In the support from Boekwards Finalist Dana Montanez The Impact of Ocean A	icum hringer Ingelheim Engineering High Sc	Grade 10 S a Method to Dete Grade 10 Finalist - Life School - CSF Medall	Town Town ience Seion f Rhodo Town	Scarsdale verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion monas salina and Amphidinium
* Life Scie * Pepsico Greenwich Brunsw 3513 LST * Environn HS Fina	ick School [ar] Student(s) nce Awards weick School [ar] Student(s) nental Science list - CSF Med	Henry Mayerfield Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson Ith support from Boewards Finalist Dana Montanez Ine Impact of Ocean A Eric Lorenz Ryan Ahn Ryan Solan S	chringer Ingelheim Engineering High So Acidification on Phote	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall Osynthetic Rates of Grade 11 Grade 11 Grade 11	Town Town ience Seion f Rhodo Town Town	Scarsdale Verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion monas salina and Amphidinium Greenwich
* Life Scie * Pepsico Greenwich Brunsw 3513 LST * Environn HS Fina * Energize	ick School E 1 CH ar Student(s) nce Awards w Engineering A ick School E 2 Tr Student(s) nental Science list - CSF Med CT Future Su	Henry Mayerfield Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson Ith support from Boewards Finalist Dana Montanez The Impact of Ocean A Eric Lorenz Ryan Ahn Pas Awards with Connection	chringer Ingelheim Engineering High So Acidification on Phote	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall Osynthetic Rates of Grade 11 Grade 11 Grade 11	Town Town ience Seion f Rhodo Town Town	Scarsdale Verall Health of Phaseolus vulga New Canaan enior High - CSF Medallion monas salina and Amphidinium Greenwich White Plains
* Life Scie * Pepsico Greenwich Brunsw 3513 LST * Environn HS Fina * Energize	ick School [1 Cl ar Student(s) nce Awards we Engineering A ick School [2 Th Student(s) nental Science list - CSF Med CT Future Suick School [1]	Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson In Support from Boelwards Finalist Dana Montanez In Impact of Ocean A Eric Lorenz Ryan Ahn In Ses Awards with Connection of Solanum lallion In Stainability Awards	chringer Ingelheim Engineering High So Acidification on Phote ecticut Association of the control of the con	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall Osynthetic Rates of Grade 11 Grade 11 Grade 11 Of Conservation an list - Medallion	Town Town ience Seion f Rhodo Town Town d Inland	New Canaan enior High - CSF Medallion monas salina and Amphidinium Greenwich White Plains Wetlands Commissions
* Life Scie * Pepsico Greenwich Brunsw 3513 LST * Environn HS Fina * Energize Greenwich Brunsw	ick School [1 Cl ar Student(s) nce Awards we Engineering A ick School [2 Th Student(s) nental Science list - CSF Med CT Future Suick School [1]	Dana Montanez Inlorophyll's Reflection of Solanum lycopers Max Lanson In Support from Boekwards Finalist Dana Montanez In Impact of Ocean A Eric Lorenz Ryan Ahn In Ses Awards with Connection of Solanum lallion of Stainability Awards Dana Montanez	chringer Ingelheim Engineering High So Acidification on Phote ecticut Association of the control of the con	Grade 10 Grade 10 Grade 10 Finalist - Life School - CSF Medall Osynthetic Rates of Grade 11 Grade 11 Grade 11 Of Conservation an list - Medallion	Town Town ience Seion f Rhodo Town Town d Inland	New Canaan enior High - CSF Medallion monas salina and Amphidinium Greenwich White Plains Wetlands Commissions

SchTown] [Sch	nool]	[Teacher]					
[Proj#] [FCat] [Hor	nors] [F	Project Title]	Sponsor(s)	Award(s)			
Greenwich Brunswic	ck School E	Dana Montanez					
3525 LST	2 Ut	ilizing Beneficial Mic	croorganisms to Prev	ent Coral Bleachir	ng and E	nhance Coral Recovery	'
	Student(s)	William Nook		Grade 11	Town	Greenwich	
		Grayson O'Hara		Grade 11	Town	Rye	
		Jack Sieg		Grade 11	Town	Greenwich	
Greenwich Brunswic	ck School D	Dana Montanez					
6516 PST	2 W	ater Testing with Ea	se: Creation of a ha	ndheld device for V	Vater An	alysis in Recently Flood	ded Area
	Student(s)	William Pallone		Grade 10	Town	Rye	
		Townsend Bancre	oft	Grade 10	Town	Greenwich	
roonwich Drungwis	ok Cobool C	lana Mantana-					
Greenwich Brunswic	k School - F)ana Montanez					
			c Microbial Solution	for the Plastic Acc	umulatio	n Problem in Water Sou	irces
Greenwich Brunswich	1 De	eveloping an Organi				n Problem in Water Sou Biverside	irces
3501 LST * Life Science	1 De Student(s)	eveloping an Organi Gabriel Trahanas Oliver Velasco		Grade 11 Grade 11	Town Town	n Problem in Water Sou Riverside Greenwich s Senior High Team- \$3	
* Life Science (split) & P * EnergizeC	Student(s) Ce Awards with Plaque ET Future Sus	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards	ehringer Ingelheim - High School Fina te	Grade 11 Grade 11 2nd Place- Life states	Town Town Sciences	Riverside Greenwich s Senior High Team- \$3	00
* Life Science (split) & P	Student(s) Cee Awards with Plaque of The Future Sustained In The International Intern	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards Andrew Bramant	ehringer Ingelheim - High School Fina te	Grade 11 Grade 11 2nd Place- Life statist - Medallion HEPA-Filtration us	Town Town Sciences	Riverside Greenwich s Senior High Team- \$3	00
* Life Scienc (split) & P * EnergizeC Greenwich Central M	Student(s) Cee Awards with Plaque of The Future Sustained In The International Intern	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards	ehringer Ingelheim - High School Fina te	Grade 11 Grade 11 2nd Place- Life states	Town Town Sciences	Riverside Greenwich s Senior High Team- \$3	00
* Life Science (split) & P * EnergizeC Greenwich Central M 5514 P8 * Connectice & trophy * Connectice & trophy * Connectice & trophy * Alexion Bide * Thermo Fifor selected	Student(s) ce Awards with Plaque and The Student(s) ut Science Fair invite to CST otechnology sher Scientified top MS with Student(s)	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards I Andrew Bramant I Synergistic Impro Mikah Kaalund air Association Physicachers Association TA Award Banquet Awards 1st Place ic Junior Innovators inners	ehringer Ingelheim High School Fina te vement of Indoor Air sical Science Awards I's Marty Tafel Stude	Grade 11 Grade 11 2nd Place- Life statist - Medallion HEPA-Filtration us Grade 8 1st Place- Ph nt Research Award grade - \$300 & tro ination to compete	Town Town Sciences sing Con Town Town sysical Sciences	Riverside Greenwich s Senior High Team- \$3	00 n \$300 ude -
* Life Science (split) & P * EnergizeC Greenwich Central M 5514 P8 * Connectice & trophy * Connectice & trophy * Connectice & trophy * Alexion Bide * Thermo Fifor selected	Student(s) Ce Awards with Plaque of The Truture Susting Science To invite to CST otechnology sher Scientified top MS with Women Eng	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards of Andrew Bramant ie Synergistic Impro Mikah Kaalund air Association Physicachers Association TA Award Banquet Awards 1st Place ic Junior Innovators inners ineers - Hartford Se	ehringer Ingelheim High School Fina te vement of Indoor Air sical Science Awards a's Marty Tafel Stude ce Biotechnology 8th Challenge Nom	Grade 11 Grade 11 2nd Place- Life statist - Medallion HEPA-Filtration us Grade 8 1st Place- Ph nt Research Award grade - \$300 & tro ination to compete	Town Town Sciences sing Con Town Town sysical Sciences	Riverside Greenwich s Senior High Team- \$3 current Dehumidification Greenwich ciences 8th Grade Ind ysical Sciences 8th Gra	00 n \$300 ude -
* Life Science (split) & P * EnergizeC Greenwich Central N 5514 P8 * Connectice & trophy * Connectice \$500 and * Alexion Bide * Thermo Fifor selecte * Society of	Student(s) ce Awards will laque To Future Sus Middle School The Student(s) ut Science Fair invite to CS otechnology sher Scientified top MS will Women Eng Middle School Middle School	Gabriel Trahanas Oliver Velasco ith support from Boestainability Awards ol Andrew Bramant ie Synergistic Impro Mikah Kaalund air Association Physicachers Association TA Award Banquet Awards 1st Place ic Junior Innovators inners ineers - Hartford Se	ehringer Ingelheim High School Fina te vement of Indoor Air sical Science Awards t's Marty Tafel Stude the Biotechnology 8th Challenge Nom tection Scientific Cote	Grade 11 Grade 8 Grade 8 Grade 8 Grade 8 Grade 8 Grade 9 Grade - 1st Place- Phont Research Award Grade - \$300 & troination to compete Calculator	Town Town Sciences Sing Con Town Town Tysical Sc d Ph	Riverside Greenwich s Senior High Team- \$3 current Dehumidification Greenwich ciences 8th Grade Ind ysical Sciences 8th Gra	00 n \$300 de - JIC

^{*} Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions --- MS Finalist - CSF Medallion

^{*} EnergizeCT Future Sustainability Awards --- 3rd Place Middle School - \$100 Cash and Trophy

^{*} Southeastern New England Marine Educators (SENEME) --- \$100 award and membership for student and teacher in SENEME - 1st Place Junior

[SchTown] [Proj#] [FCat	[School] i] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)	
Greenwich Ce	entral Middle Sc	hool Andrew Brama	nte		
2516 L8	1	Development of a Si	mple Salivary Rapid D	iagnostic for the D	Detection of Iodine Deficiencies
	Student	(s) Tyler Malkin	· · · · · ·	Grade 8	Town Greenwich
* Cor an * The	necticut Science d invite to CSTA	e Teachers Association A Award Banquet Entific Junior Innovator	on's Marty Tafel Studer	nt Research Awar	Gciences 8th grade- \$300 & trophy d Life Sciences 8th Grade - \$500 in the Thermo Fisher Scientific JIC
Greenwich Ce	entral Middle Sc	hool Andrew Brama	nte		
5504 P8	1	Simple Filtration of F Absorbency Pads	ertilizer-ion Water Cor	itaminants via Imp	plementation of Phosphate and Nitrate
	Student	(s) Caroline Stowe		Grade 8	Town Greenwich
\$2 * The for * Aqu	00 & trophy rmo Fisher Scie selected top M	entific Junior Innovator S winners	s Challenge Nomi	nation to compete	hysical Sciences 8th Grade Ind in the Thermo Fisher Scientific JIC ater Quality or Environmental
Greenwich Ea	astern Middle So	chool Andrew Brama	ante		
2501 L8	1	Design of a Smart-B	andage to provide last	ing Itch-Relief and	Healing for an Insect Bite.
	Student	(s) Lily Bittman		Grade 8	Town Greenwich
* Sta * Ale:	nley Black & De kion Biotechnolo	cker Applied Technology Awards 2nd P		ace Middle Schoo ı grade - \$200 & tı	
Greenwich Ea	astern Middle So	chool Andrew Brama	ante		
2506 L8	2	Natural remedies res	search for seasonal all	ergies by Machine	Learning of Crowd Information
	Student	(s) Arthur Lai		Grade 8	Town Greenwich
* Pfiz	er Computation	al Biology and Bioinfo	rmatics Awards 1s	t Place Middle Sc	hool - \$300, Trophy
Greenwich Ea	astern Middle So	chool Andrew Brama	ante		
2512 L8	1	Emotionless Negotia	tor Droid		
	Student	(s) Louw Otto		Grade 8	Town Riverside
* Sta	nley Black & De	cker Applied Technolo	pehringer Ingelheim pgy Awards Middle wards 2nd Place M	School Finalist -	

[Proj#]	l] [FCat	l [Ho	norel [[Project Title] Spons	or(s) Award(s)			
0					-	or(o) Awaru(o)			
		stern I	Middle Schoo			- file wef d D. Adete d He		D	A
5502	P8			nedding Ligh ormulated Do		e of Harmful Butylated Hyd	roxytolue	ne Preservative in	Artificially
			Student(s)	Mackense	y Wilson	Grade 8	Town	Old Greenwich	
	* Pen	— sico F	ngineering A	wards 1	st Place- Engineeri	ng Middle School- \$300 &	trophy		
	* Alex	ion Bi	otechnology	Awards	3rd Place Biotechn	ology 8th grade - \$100 & t	rophy		
			isher Scientifi ed top MS wi		ovators Challenge	Nomination to compet	e in the T	hermo Fisher Scier	ntific JIC
					0 cash & Plaque M	3			
Greenwic	h Gr	eenwi	ch Country D	av School	Nathan Haag				
3104	LS				J	on Sports Performance			
0104				John Berb		Grade 12	Town	Yonkers	
		_					100011		
Greenwic	h Gr	eenwi	ch Country D	av School	Nathan Haag				
3024	LS		•	•	J	owth Rate, Survival Rate,	and Bree	ding Rate of Multipl	e Generations o
					lavidi, Cherry Shrim	•			
			Student(s)	Michael Ca	apek	Grade 12	Town	Rye	
	* Life	Scien	ce Awards w	ith support fr	rom Boehringer Ing	elheim Finalist - Life S	cience Se	enior High - CSF M	edallion
Greenwic	h Gr	eenwi	ch Country D	ay School	Nathan Haag				
3043	LS		3 Pla	ant Microbia	I Fuel Utilization in	Harvesting Photosynthetic	Energy f	rom Local Invasive	Plant Species
		_	Student(s)	Djeneba D	embele	Grade 11	Town	Greenwich	
Graanwia	b Cr	oonwi	oh Country D	Nov Sahaal	Nathan Haag				
6067	PS			ay Scribbi	Mainannaay				
0007	10	III .	3 11124	seearching th	ne Effectiveness of	Engine Oil After Combined	d With Co	okina Oile	
						Engine Oil After Combine			
		_		esearching the Bailey Ger		Engine Oil After Combine Grade 12		ooking Oils Stamford	
Oranania	b O:	_	Student(s)	Bailey Ger	ndason				
			Student(s) ch Country D	Bailey Ger	ndason Nathan Haag	Grade 12	Town	Stamford	
Greenwic			Student(s) ch Country D 2	Bailey Ger Day School Intidepressan	ndason Nathan Haag t-response biomark	Grade 12	Town irmationa	Stamford I study using EEG	
			Student(s) ch Country D 2	Bailey Ger	ndason Nathan Haag t-response biomark	Grade 12	Town irmationa	Stamford	
	LS * Bus	 hnell C	ch Country D 2 Ar Student(s) Center for Pe	Bailey Ger Day School Intidepressan Solomon H	ndason Nathan Haag t-response biomark Hochman	Grade 12	Town irmationa Town	Stamford I study using EEG Riverside	r social
	LS * Bus	 hnell C	ch Country D 2 Ar Student(s)	Bailey Ger Day School Intidepressan Solomon H	ndason Nathan Haag t-response biomark Hochman	Grade 12 xers in adolescents: a conf	Town irmationa Town	Stamford I study using EEG Riverside	r social
	* Bus	hnell Cences	ch Country D 2 Ar Student(s) Center for Pe	Bailey Ger Pay School ntidepressan Solomon I	ndason Nathan Haag t-response biomark Hochman	Grade 12 xers in adolescents: a conf	Town irmationa Town	Stamford I study using EEG Riverside	r social
3016	* Bus	hnell Cences	ch Country D 2 Ar Student(s) Center for Perelated ch Country D	Bailey Ger Day School Intidepressan Solomon H rforming Arts	Nathan Haag t-response biomark Hochman s Pair of Tickets Nathan Haag	Grade 12 xers in adolescents: a conf	irmationa Town o project	Stamford I study using EEG Riverside that is behavioral or	
3016	* Bus scie	hnell C	ch Country D 2 Ar Student(s) Center for Perrelated ch Country D 2 Tri	Bailey Ger Day School Intidepressan Solomon H rforming Arts	Nathan Haag t-response biomark Hochman s Pair of Tickets Nathan Haag oreactor for the Env	Grade 12 xers in adolescents: a conf Grade 12 s to Bushnell Center for to	Town irmationa Town project	Stamford I study using EEG Riverside that is behavioral or	
3016 Greenwic	* Busi scie h Gr	hnell Cences	ch Country D 2 Ar Student(s) Center for Perelated ch Country D 2 Tri Student(s)	Bailey Ger Day School Intidepressan Solomon Introrming Arts Day School Ickle-Bed Bid Charlie Me	Nathan Haag t-response biomark Hochman s Pair of Tickets Nathan Haag preactor for the Enveyer	Grade 12 Grade 12 Grade 12 Grade 12 So to Bushnell Center for topological descriptions of the company of th	Town irmationa Town project	Stamford I study using EEG Riverside that is behavioral of	
Greenwic	* Busi scie h Gr LS	hnell Cences	ch Country D 2 Ar Student(s) Center for Perelated ch Country D 2 Tri Student(s)	Bailey Ger Day School Intidepressan Solomon H rforming Arts Day School ickle-Bed Bid Charlie Me	Nathan Haag t-response biomark Hochman s Pair of Tickets Nathan Haag preactor for the Enveyer Nathan Haag	Grade 12	irmationa Town project to	Stamford I study using EEG Riverside that is behavioral of Contaminated Wate Mamaroneck	er
3016 Greenwic	* Busi scie h Gr	hnell Cences	ch Country D 2 Ar Student(s) Center for Perelated ch Country D 2 Tri Student(s) ch Country D 3 Ex Cc	Bailey Ger Day School Intidepressan Solomon H rforming Arts Day School ickle-Bed Bid Charlie Me	Nathan Haag t-response biomark Hochman s Pair of Tickets Nathan Haag preactor for the Enveyer Nathan Haag vitational Forces in	Grade 12 Grade 12 Grade 12 Grade 12 So to Bushnell Center for topological descriptions of the company of th	irmationa Town project to	Stamford I study using EEG Riverside that is behavioral of Contaminated Wate Mamaroneck	er

[SchTown] [S [Proj#] [FCat] [H	= =	Teacher] oject Title]	Sponsor(s)	Award(s)			
Greenwich Green	wich Country Da	y School Nathan	Haag				
3131 LS	2 Plar	netProtect					
	Student(s)	Daniel St-Louis		Grade 12	Town	Stamford	
Greenwich Green	wich Country Da	y School Nathan	Haag				
6085 PS		•	ed on High vs Low p				
	Student(s)	Tucker Winham		Grade 12	Town	Greenwich	
Greenwich Green	wich High Schoo	l Andrew Bramar	nte				
6053 PS			de Emission and Inc genic Brushless DC N		iciency '	Via a Newly-Designe	d
	Student(s)	shan Ambastha		Grade 11	Town	Riverside	
* Frederic	k Olender USC	Award in Memory o	of G. Robert Wisner	\$250 Cash Aw	ard for H	HS student in USC so	chool
Greenwich Green	wich High Schoo	l Andrew Bramar	nte				
3113 LS		lementation of a Mu vention	ulti-Objective Genetic	Algorithm to Opti	imize Re	esource Allocation in	Disease
	Student(s)	saac Bell		Grade 10	Town	Riverside	
		puter Science Awa The Otero Family A	rds Senior High Award; \$250 cash	Finalist - Medallio	n		
Greenwich Green	wich High Schoo	l Andrew Bramar	nte				
3025 LS	2 Son Fore		ple Sea Urchins to F	educe Degradation	on of Na	scent Nereocystis lu	etkeana
	Student(s)	Owen Benison		Grade 11	Town	riverside	
2nd Plac * Project (* GENIUS * Universi	te HS- \$300, Plaq Oceanology s Olympiad (ue Individual - 1 Ocea BENIUS Olympiad (I Scholarship Award	ecticut Association of n Camp slot + T-Shir Competition for HS E ds University of N	t & cap (swag), Fi invironmental, End	rst Place ergy, Ec	e 8, 9, 10 grader ology, or Biodiversity	Project
Greenwich Green	wich High Schoo	l Andrew Bramar	nte				
6081 PS		netic Engineering of ck Arctic Oceans	Cryobacterium to In	crease Silica Con	tent and	Enhance the Glacia	l Albedo of
	Student(s)	Justin Bernstein		Grade 11	Town	Greenwich	
HS Fina	alist - CSF Medal	lion	ecticut Association of Certificate and \$25 g			Wetlands Commissi	ons
Greenwich Green	wich High Schoo	l Andrew Bramar	nte				
3099 LS			noval of Onychomyco				n
	Student(s)	Sam Bier		Grade 11	Town	Greenwich	

Greenwich Greenwich High School Andrew Bramante 3142 LS 2 Development of Non-Invasive Diagnostic Tool for Lipedema Using Colorimetric Analysis Reflectance Student(s) Hannah Dcruz Grade 9 Town Riverside * Stanley Black & Decker Applied Technology Awards Senior High Finalist - Medallion Greenwich Greenwich High School Andrew Bramante 6071 PS 2 Reduction of Polyethylene and Polypropylene Waste Footprints via their Scalable Converged Useful Surfactants Student(s) Zara Haque Grade 11 Town Riverside Greenwich Greenwich High School Andrew Bramante 3122 LS 2 Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Phen, and Rhodamine-6G-Cinnam Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	
Reflectance Student(s) Hannah Dcruz Grade 9 Town Riverside	
* Stanley Black & Decker Applied Technology Awards Senior High Finalist - Medallion Greenwich Greenwich High School Andrew Bramante 6071 PS 2 Reduction of Polyethylene and Polypropylene Waste Footprints via their Scalable Conveloseful Surfactants Student(s) Zara Haque Grade 11 Town Riverside Greenwich Greenwich High School Andrew Bramante 3122 LS 2 Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Phen, and Rhodamine-6G-Cinnam Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	s of Skin
Greenwich Greenwich High School Andrew Bramante 6071 PS 2 Reduction of Polyethylene and Polypropylene Waste Footprints via their Scalable Convention of Polyethylene and Polypropylene Waste Footprints via their Scalable Convention of Polyethylene and Polypropylene Waste Footprints via their Scalable Convention of Polypropylene Via their Scalable Convention of Polypropylene Via th	
Reduction of Polyethylene and Polypropylene Waste Footprints via their Scalable Convention Student(s) Zara Haque Grade 11 Town Riverside	
Student(s) Zara Haque Grade 11 Town Riverside Greenwich Greenwich High School Andrew Bramante 3122 LS 2 Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Phen, and Rhodamine-6G-Cinnam Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	
Greenwich Greenwich High School Andrew Bramante 3122 LS 2 Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Phen, and Rhodamine-6G-Cinnam Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	ersions into
Rapid Detection of Pulmonary Fibrosis via Eu(TTA)3 Phen, and Rhodamine-6G-Cinnam Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	
Sensor Luminescent Diagnostic Student(s) Lauren Huang Grade 11 Town Old Greenwich * U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	
* U.S. Metric Association Certificate & \$25 gift card given by CSEF Greenwich Greenwich High School Andrew Bramante	naldehyde, Dual-
Greenwich Greenwich High School Andrew Bramante	
3071 LS 1 Fabrication of a Europium-based Magnetic Nanosensor for the Detection of D-Serine in Alzheimers	Early-onset
Student(s) Ava Jackson Grade 11 Town Old Greenwich	
* Life Science Awards with support from Boehringer Ingelheim 2nd Place- Life Sciences Senior High- \$300 * Alexion Biotechnology Awards Finalist - Biotechnology Senior High - CSF Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF * Connecticut Science Supervisors Association \$125 for a high school project	0 & Plaque
Greenwich Greenwich High School Andrew Bramante	
6058 PS 1 Detection of Nanoplastics within Complex Environmental and Food Resource Matrices v	via Machine
Student(s) Henry Jin Grade 10 Town Greenwich	
 * Connecticut Science Fair Association Physical Science Awards Finalist - Physical Sciences Senior High Medallion * Pepsico Engineering Awards Finalist - Engineering High School - CSF Medallion * Aquarion Water Company 1st, \$250.00 Cash - Grade 9-12 For Excellence in Water Quality or Environmental Management 	
Greenwich Greenwich High School Andrew Bramante	
6039 PS 3 Inexpensive, Autonomous Drone Image Recognition of Cornfields, for Realtime Detection and Pesticidal Disease	
Student(s) Averey Ku Grade 10 Town Greenwich	on of Crop Fungal

[SchTown] [Proj#] [F	•	School] Ionors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Greenwich	Green	wich High Sch	ool Andrew Bramar	nte			
3055 L	_S		Development and In vi Novel Machine Learnir		Polymersome for B	llood-Bra	ain Barrier Transport Through a
		Student(s)	Ashley Malkin		Grade 11	Town	Greenwich
* F * h	Pfizer C H. Jose Science	omputational ph Gerber Aw es Senior 1st	Biology and Bioinform	natics Awards S sented by the Conn er Medal of Excelle	enior High Finalist ecticut Academy of nce, Invite to CASE	- Medalli Science	and Engineering Life
Greenwich	Green	_	ool Andrew Bramar				
3003 L	_S		on-Fortified Cornhusk Growth	Biochar Flocculation	on of Pondwater Ph	nosphate	es, to Reduce Invasive Macrophyte
		Student(s)	Neil Pendkar		Grade 9	Town	Old Greenwich
* 5	Stockho	Im Junior Wat	er Prize Certificat	e, \$25 gift card by 0	CSEF, possible adv	ance to	further competition
	Green S	2	nool Andrew Bramar Coagulation Cascade S Frank Skibo		nhanced Bioavailab Grade 12		Biodegradable Polymeric Quercetin Greenwich
Greenwich	Green	wich High Sch	ool Andrew Bramar	nte			
3009 L	S		·	ess Biomarker Corti			ted Polypyrrole Sensor
		Student(s)	Ryan Wadhwa		Grade 10	Town	Riverside
			vith support from Boe Awards Finalist				enior High - CSF Medallion
Greenwich	Green	wich High Sch	ool Andrew Bramar	nte			
3020 L	S	1 C	Oral Delivery of Antico ablet for Ischemic Str	agulant Dabigatran oke Treatment	via a Mg-Micromot	or Encar	osulant Within a Gastric-Resistant
		Student(s)	Lula Wang		Grade 9	Town	Old Greenwich
* <i>F</i>	Alexion	Biotechnology	with support from Boe Awards 1st Plac al Science Award	e Biotechnology Se	nior High - \$500 &	ience Se plaque	enior High - CSF Medallion
Greenwich	Green	wich High Sch	ool Andrew Bramar	nte			
6019 F	PS	3 F	Reinforcement Learnin lovel Parking Demand	g Optimization of P d Model	acement of Public	Vehicle	Charging Stations using a
		Student(s)	Marley Wies		Grade 10	Town	Old Greenwich
* I * S * N	nfosys Society	Foundation Co of Women En oft Awards for	cs Awards 3rd Pla omputer Science Awa gineers - Hartford Sec Applied Mathematics	rds 3rd Place H ction Scientific (ligh School- \$200, l Calculator	•	& T-shirt - For Excellence in

[SchTown] [Proj#] [FCat	[School] tl [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)			
		nool Andrew Brama		(-)			
3045 LS		mplementation of We	earable, Bluetooth Gy	roscopic Sensing f	for Smar	tphone Remote I	Monitoring of
	_	Alexander Zhao		Grade 11	Town	Greenwich	
* Info	osys Foundation Co	omputer Science Aw	vards Senior High	Finalist - Medallio	n		-
Guilford Guilf	ord High School	Penghua Wang					
3522 LST	3 F	laviviruses Manipula Disrupting Vitamin A	ate Host Skin Microbio Metabolism	ota to Attract Mosq	uitoes a	nd Promote Tran	smission by
	Student(s)	Catherine Zhou		Grade 11	Town	GUILFORD	
		Devin Lu		Grade 11	Town	GUILFORD	-
Hamden Ham	nden Hall Country I	Day School Paulor	mi Aldo				
2510 L8	2 C	Comparing dog and h	numan saliva as first l	ine of defense in w		_	
	Student(s)	Anna Aslan		Grade 8	Town	Hamden	_
Hamden Ham	nden Hall Country I	Day School Daniel	Cupeo				
3096 LS			ation of Artificial Intell	igence in the Aid o	f Neuro	divergent Childre	<u> </u>
2000 20		Andrei Balas		Grade 10		Cheshire	<u> </u>
* Am	erican Psychologic	cal Association (Certificate, \$25 gift ca	rd given by CSEF			-
Hamden Ham	nden Hall Country I	Day School Daniel	Cuneo				
6512 PST	2L	Jsing Quantum-assis	sted Machine Learnin	g in Maize Yield Pr	ediction	through Environ	nental Patterns.
	Student(s)	Helena Chaine		Grade 11	Town	Orange	
		Yue Zhuo		Grade 12	Town	Hamden	
		Linda Chen		Grade 10	Town	Woodbridge	_
		ustainability Awards Biophysics Award	High School Fina I- \$100	list - Medallion			
Hamden Ham	nden Hall Country I	Day School Gina [)'Angelo				
6025 PS		Deep learning based ell lines and drug co	drug response predic	tion algorithm abo	ut syner	gistic and antago	nistic responses o
	Student(s)) Jiahui Chen		Grade 11	Town	New Haven	
* Cor Me	nnecticut Science I	Fair Association Phy	sical Science Awards	Finalist - Phys	sical Sci	ences Senior Hig	h - CSF
* Pfiz	er Computational		matics Awards So			ion	
			ards Senior High				
	0,		t - Biotechnology Sen rith a Patent Attorney	ior High - CSF Me	dallion		
Hamden Ham	nden Hall Country I	Day School Gina D)'Angelo				
3021 LS		The Effect of Increasi Centimeters) of Phas	ing Soil Concentration eolus vulgaris	ns of Polyethylene	on the G	Growth (Average I	Height in
	Student(s)	Penelope Dwyer		Grade 9	Town	Madison	
							-

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Hamden Hall Country Day School Sarrah Gavin The effect of deforestation on soil erosion at Sleeping Giant Park 3061 Student(s) Kaleb Fiore Grade 10 Town Southington, CT * Alumni Botany Awards --- Alumni High School Botany Award- \$100 Cash Hamden Hamden Hall Country Day School Paulomi Aldo How Does Temperature Effect Nitrogen Fixation Pods in Legumes 2008 Student(s) Kinan Harb Town Milford Grade 7 * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Sciences 7th grade - CSF Medallion Hamden Hall Country Day School Michael Gustin Hamden 6518 PST Using Predictive Modeling to Find the Most Influential Variables in Basketball Games Student(s) Eric Huang Grade 11 Town Guilford **Leon Jiang** Town New Haven Grade 10 Jiahe Jin Grade 10 Town Guilford Hamden Hamden Hall Country Day School Jacob Marchesi 6076 iAAA+ (impact Absorbing and Alerting Plus) band Student(s) Ravindu Karunaratne Town Hamden Grade 10 Hamden Hall Country Day School Michael Gustin Hamden 6093 PS A Machine Learning Approach to Predicting Economic Recessions. Student(s) Andrea Lim Grade 10 Town Cheshire Hamden Hamden Hall Country Day School Robert Link Using an AI algorithm to minimize the number of punctures attempted during blood draw or IV insertion. 3011 Student(s) Neev Makin Grade 10 Town Hamden * Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion Hamden Hamden Hall Country Day School Paulomi Aldo 5013 How visual impairment can affect perception Student(s) Stanley Shen Town Milford Grade 7 Hamden Hall Country Day School Gina D'Angelo The effect of varying lengths of UV ray exposures on the regeneration rate of Planaria 3527 LST Student(s) Alessandra Sticca Grade 9 Town Milford Frida Ramirez-Moreno Grade 9 Town Meriden

[SchTown [Proj#]	-	[School] [Honors]	[Teacher] Project Title]	Sponsor(s)	Award(s)		
Hamden	Hamd	en Hall Country D	ay School Frank 0	asparro			
3017	LS	1 E	ffect of Hydroxyapati vobenzone and Octir	te Encapsulation on noxate to Enhance S	the Transdermal D Sunscreen Safety	Diffusion and Photodeo	gradation of
		Student(s)	Sophia Vash		Grade 10	Town Fairfield CT	
	* Freer	Science Awards w man Family Excel School	vith support from Boe lence in Chemistry A	hringer Ingelheim - wards \$200 Fo	Finalist - Life Sc Excellence in Che	ience Senior High - Co emistry or Chemical Er	SF Medallion ngineering -
Hamden	Hamd	en Hall Country D	ay School Paulom	i Aldo			
2505	L8	2 TI	ne effect of feeding in	ntervals on pulsatior	rate of Lumbriculu	ıs variegatus after star	vation
		Student(s)	Audrey Wang		Grade 8	Town Cheshire	
Hamden	Hamd	en Hall Country D	Day School Patrick	Fitzgerald			
3082	LS	3 TI	ne Power of the Mind	l: Understanding an	d Harnessing the P	Placebo Effect	
		Student(s)	Andrew Yang		Grade 10	Town southbury	
Hamden	Hamd	en Hall Country D	ay School Patrick	Fitzgerald			
3135	LS	2 TI	ne Effect of Growth M	Media Composition of	on [PSI+] Propagati	ion in S. Cerevisiae ar	nd S. Pastorianus.
		Student(s)	Alexander Yi		Grade 11	Town Hamden	
Hamden	Sacre	d Heart Academy	Elizabeth Christop	hy			
3506	LST	3 C	ommercial vs. Edible	Plastic Wrap: Dete	rmining the Superio	or Film for Food Storaç	је
		Student(s)	Kiera Barney		Grade 10	Town Hamden	
			Chiara Troiano		Grade 10	Town Hamden	
Hamden	Sacre	d Heart Academy	Sibani Sengupta				
3117	LS		ne Effect of Sound P	ollution on the Phys	cal Behavior of Arr	madillidium Vulgare	
		Student(s)	Danyella Lanche-	Flores	Grade 12	Town West Haven	
		ecticut Academy low an audiologis		s \$200 Award H	S- For Excellence i	n Audiology and Acou	stics, opport. to
Hamden	Sacre	d Heart Academy	Wendy Decter				
3026	LS	2 W	ill a Chemical Repel	lant or a Natural Oil	Work Better to Rep	oel Pill Bugs?	
		Student(s)	Jacqueline Ouelle	ette	Grade 9	Town Meriden	
Hamden	Sacre	d Heart Academy	Wendy Decter				
3057	LS	2 TI	ne Effectiveness of T	oxic vs Non-Toxic D	isinfectants		
		Student(s)	Elizabeth Rogers		Grade 9	Town Madison	

	chool]	[Teacher]	0	A		
[Proj#] [FCat] [H	onorsj [i	Project Title]	Sponsor(s)	Award(s)		
<mark>lamden</mark> Sacred H	eart Academy	Elizabeth Christo	ophy			
6006 PS	3 A	Novel Method of H	lair Dye Detection: U	sing Beer's Law in a	Forensic Situation	
	Student(s)	Giana Tolomeo		Grade 10	Town North Haven	
						
Cent Kent School	Jesse Klinge	biel				
6018 PS	_	otential design of a	multi-role UAV			
		Jianming (Jeren		Grade 11	Town Johns Creek	
Zant Kant Oakaal	1 1/1:	L:-1				
ent Kent School	Jesse Klinge		ulatar with anti fallina	maahaniam		
6083 PS			ulator with anti-falling		Town Diamond Bar	
	Student(s)	Alvin Hao		Grade 10		
ent Kent School	Jesse Klinge	biel				
6032 PS	1 Ca	ardioXNet: Repres	entation Learning for	Accurate Cardiovas	cular Disease Diagnosis from X-ray I	mage
	Student(s)	Jiwon Hwang		Grade 10	Town Kent	
Medalli	on		ysical Science Award \$100 H. Glista Award	•	cical Sciences Senior High - CSF	
Cent Kent School	Jesse Klinge	hiel		•		
3111 LS	_		-Cas9 in Different Ler	nidontera Species R	eveals the Major Genes that Control	Wina
0111 20		atterning and Color			evens the Major defies that control	vviiig
	Student(s)	Kaitlyn Shen		Grade 11	Town Great Neck	
					_	
lanchester Manc	hester High Sc	hool Wendy Ture	ek-Hernandez			
3046 LS			aying Saliva: Impacts	of Lapse of Time or	n DNA Deterioration	
00.0 20		Carolina Mancir		Grade 12	Town Manchester	
		chool Wendy Ture				
3138 LS	2 De	etermining the incid oundance in Fagus	dence of Beech Leaf grandifolia buds	Disease symptom s	everity based on overwintering nemat	ode
	_	Dina Watson	g. a. ranona baao	Grade 12	Town Manchester	
				J. 440 . L		
* The Jac	kson Laborato	ry with Connecticut I - \$ 200 and Plagu	Academy of Science	e and Engineering U	rban School Challenge Awards	
			School Botany Award	- \$100 Cash		

[SchTown]	[School]	[Teacher]				
[Proj#] [FCat]	[Honors] [Project Title]	Sponsor(s)	Award(s)		
Manchester Sa	aint James School	Ellen Oei				
5017 P7	1 C	rusty n' Rusty				
	Student(s)	Brendan Abbar	monte	Grade 7	Town	Vernon
\$20 * Stan * Ther	0 & trophy ley Black & Decke	er Applied Techno fic Junior Innovato	logy Awards Middle	e School Finalist -	Medallio	Sciences 7th Grade Ind n hermo Fisher Scientific JIC
Manchester Sa	aint James School	Ellen Oei				
4016 PT	2 S	occer Ball Inflation	1			
	Student(s)	Nicholas Rataio	C	Grade 7	Town	Vernon
		John Curtin		Grade 7	Town	Manchester
Manchester Sa	aint James School	Ellen Oei				
5007 P7	2 A	ffect of Color on H	eat Absorption			
	Student(s)	Saanvi Sethi		Grade 7	Town	Manchester
* Con	necticut College-P	hysics, Astronomy	Place Biotechnology 7th y, & Geophysics Dept. \$100 for excellence in	Junior Award:		ate, \$100 Cash
Mansfield Edw	rin O Smith High S	School Cheryl G	ranger			
6005 PS		hy Does My Neig equalities in Conn		rees Than Yours?	Geospa	tial Modeling of Urban Tree Cover
	Student(s)	Hiruni Witharaı	na	Grade 10	Town	Storrs
* Asso	ociation for Wome	n Geoscientists	- Certificate & \$25 gift	card given by CSE	F	
Milford Platt Te	echnical High Sch	ool Lori Grace				
6505 PST	3 N	atural Skincare				
	Student(s)	Jeferson Encra	nacion	Grade 12	Town	bridgeport
		Julia Pressley		Grade 12	Town	West Haven
Milford Platt Te	echnical High Sch	ool Lori Grace				
6523 PST	3 S	onic Converter				
	Student(s)	Orville Ferguso	on	Grade 10	Town	Bridgeport
		Eddie Love		Grade 10	Town	Bridgeport

[SchTown]	[School]	[Teacher]	6 (1)	A		
[Proj#] [FCat]	[Honors] [Project Title]	Sponsor(s)	Award(s)		
	echnical High Sch	ool Lori Grace				
3502 LST		atureCare Project				
	Student(s)	Diogo Gaudencio		Grade 12	Town	bridgeport
		Yossias Mulualem		Grade 12		ansonia
		Maritza Portillo		Grade 12	Town	west haven
* CT A	rchitecture Found	High School Science lation - The William M on, William M. Mack,	. Mack, AIA Award	d \$250 Amazon	Gift Car	hool Finalist - medallion d from the Connecticut nce.
Milford Platt Te	chnical High Sch	ool Lori Grace				
6517 PST	3 E	co-Filter				
	Student(s)	Nabila Kandawala		Grade 11	Town	Bridgeport
		Nariah Joyner		Grade 11	Town	West Haven
		Daniela de Oliveira	1	Grade 11	Town	Stratford
* Energ	gizeCT Future Su	stainability Awards	- High School Fin	nalist - Medallion		
		·				
	echnical High Sch					
6096 PS		arbon • Aid				
	Student(s)	Jayden Quaynor		Grade 11	Town	Derby
Montville Saint	Bernard School	Alexandros Mathiou	dakis			
6011 PS		aking Football Safer \	With The Smart He	elmet		
	Student(s)	Palmer Noe		Grade 10	Town	East Lyme
* Office	e of Naval Resea	rch- U.S. Navy / U.S. I	Marine Corps	HS School- Certifica	ate, \$75.	00 gift card given by ONR
New Haven End	gineering and Sci	ence University Magn	et School Alyss	a Anderson		
3078 LS	2 In	vestigating the Relation	onship Between th	ne Size of Blood Clot	s, Blood	Flow Rate, and Anticoagulants in
	_	e Cardiovascular Sys	•			
	Student(s)	Temiladeoluwa Ad	eniran	Grade 11	Town	Seymour
* Peps	sico Engineering A	Awards Finalist - E	Engineering High S	School - CSF Medalli	ion	_
New Haven Eng	gineering and Sci	ence University Magn	et School Alyss	a Anderson		
3034 LS	2 In	vestigating the Conce	entration of Glucos	se in Fruits Before ar	nd After	Adding Invertase to Determine the
	_	ptimal Fruit for Consu Titiladeoluwa Ader	•	etic Patient with Hype Grade 9		Seymour
		Titilaucoluwa Adel	ın alı	Grade 9	TOWIT	
New Haven End	gineering and Sci	ence University Magn	et School Roge	r Rushworth		
3118 LS	2 In	nplementing the Usag	e of Nontoxic San	d and Bacterial Filtra	ation in t	he Enhanced Degradation of
	_	merging Contaminant Sahithi Aliminate	s III Aqueous Solu	Grade 9	Town	Milford
* Stock	kholm Junior Wate	er Prize Certificate	e, \$25 gift card by	CSEF, possible adv	ance to	further competition

[SchTown]	•	[School]	[Teacher]			
[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)	
New Have	n Eng	gineering and	Science University Ma	gnet School Roger	Rushworth	
3126	LS	1	Advanced Hybrid Wa and Photocatalysis for	iter Treatment Systen or Comprehensive Co	ns: A Comparative Intaminant Remova	Study of Membrane Filtration, Adsorption,
		Studen	t(s) Saket Aliminate		Grade 10	Town Milford
	* Stanl	ey Black & De	ecker Applied Technolo	gy Awards Senio	r High Finalist - Me	ience Senior High - CSF Medallion edallion vance to further competition
New Have	n Eng	gineering and	Science University Ma	gnet School Roger	Rushworth	
6036	PS	1	Evaluating Hyperpara Urinary Biomarkers	ameter Tuned Machin	ne Learning Classifi	iers for Pancreatic Cancer Detection via
		Studen	t(s) Nivrith Ananth I	<i>y</i> er	Grade 10	Town West Haven
	Med * The J Seni	allion Iackson Labo or High Final	_	Academy of Science	and Engineering U	sical Sciences Senior High - CSF Jrban School Challenge Awards n
New Have	n Eng	gineering and	Science University Ma	gnet School Roger	Rushworth	
3050	LS	2	Implementation of a Cancer via Numerica	Computationally Effici	ent Machine-Learn and Multivariate Re	ning-Based System to Diagnose Cervical gression
		Studen	t(s) Ethan Joseph		Grade 9	Town West Haven
	4th F	Place High Sc	ratory with Connecticut hool - Plaque, Medallic Computer Science Av	n		Jrban School Challenge Awards
New Have	n Eng	gineering and	Science University Ma	gnet School Alyssa	Anderson	
6052	PS	1	Synthesis of Porous Adsorptive Removal	Polymer Sponge Mate of Microplastics and (rix using Modified S Dil from Contamina	Sodium Alginate Clay Compound for ted Water
		Studen	t(s) Snigtha Mohanra	aj	Grade 11	Town Ansonia
	Med * The J 5th F * Pepsi * U.S. I * Stock * The O	allion Jackson Labor Place High Sc ico Engineerir Metric Associa Kholm Junior V Community Fo	ratory with Connecticut hool - Plaque, Medalling ng Awards Finalist ation Certificate & S Vater Prize Certific	Academy of Science on - Engineering High So \$25 gift card given by tate, \$25 gift card by O lew Haven Ecology, E	and Engineering U chool - CSF Medall CSEF CSEF, possible adv Environmental, and	Jisical Sciences Senior High - CSF Jrban School Challenge Awards Jion Jion Jion Jion Alternative Energy Research Prize
New Have	n Ho	okins School	Phillip Stewart			
6055	PS	3	Profit from stock price	ing		
		Studen	t(s) Christina Cao		Grade 11	Town Trumbull
	* Unive	ersity of Hartfo	natics Awards High			xcellence in Science or mathematics,

[SchTown]	[School]	[Teacher]				
[Proj#] [F	Cat] [Honors]	[Project Title]	Sponsor(s)	Award(s)		
New Haven	Sound School	Charles Mulligan				
6511 F	PST 2	Potential Impact of W	atershed Runoff and	d Tidal Inundation o	n the Hy	drologic Profile of a Coastal March
	Stude	ent(s) Cora FitzGerald		Grade 11		Guilford
		Tamzin Maines		Grade 11	Town	Old Saybrook
		re Sustainability Awards and Atmospheric Admin			d given t	by CSEF
New Haven	Worthington H	ooker School Douglas J	ones			
1020	LT 1	Biodegradable Hydro	gels: Improving our	Agriculture's Sustair	nability	
	Stude	ent(s) Sofia Janiga		Grade 8	Town	New Haven
		Azalea Deener		Grade 8	Town	New Haven
*	Life Science Awa	ards with support from Bo	ehringer Ingelheim	Finalist - Life Sc	iences N	Middle School Team - CSF
*	Environmental S MS Finalist - CS		necticut Association	of Conservation an	d Inland	Wetlands Commissions
*		o Equine or Animal Science	ce Award \$100	Cash Award for exc	ellence i	n equine studies
New Heren	\\\\au\daggedelia	ankan Cahani - Dawalan I				
		ooker School Douglas J				
4014	PT 3	Do Homemade Water	Filters Work?	0 1 7		New Heren
	Stude	ent(s) Nora Peaper		Grade 7	_	New Haven
		Sophia Korn		Grade 7	Iown	New Haven
New Haven	Worthington H	ooker School Douglas J	ones			
2503	L8 1	The Influence of Vario	ous Factors on Yeas	t Fermentation		
	Stude	ent(s) Roko Skarica		Grade 8	Town	New Haven
*	Life Science Awa	ards with support from Bo	ehringer Ingelheim	4th Place- Life S	Sciences	8th grade- trophy
New Haven	Worthington H	ooker School Douglas J	ones			
1023	LT 2	How Does Different L	iquids Affect Brine S	Shrimp?		
	Stude	ent(s) Miniya Turner		Grade 7	Town	New Haven
		Kassidy Scott		Grade 7	Town	New Haven
Newtown	Newtown High S	chool Mathieu Freeman				
3012	LS 2	Hepatic Stellate Cells	in Liver Regeneration	on		
		ent(s) Kaylin Brissette		Grade 10	Town	Sandy Hook
Newtown	Newtown High S	chool Kevin Eppley				
	PS 3	Autonomous Ping Po	ng Robot Object De	tection and Prediction	on	
		ent(s) Aiden Burbank		Grade 12		Sandy hook

Newtowr _S			Sponsor(s)	Award(s)		
$S \parallel$	High School	-				
		nhibition of Prion Proteir				
	Student(s)) Beatrice Cardamone		Grade 11	Town	Sandy Hook
Newtowr	High School	Timothy Dejulio				
_S	2 L	Jsing Sunscreen as a wa	ay to distribute Be	eneficial Microorgar	isms for	Corals (BMCs)
	Student(s)) Lydia Cox		Grade 11	Town	newtown
Jniversit	y of New Hav	en Scholarship Awards				ship - \$96,000 (\$24,000 per
Newtowr	High School	Timothy DeJulio				
PS	3	I Based Skin Cancer Do	etection System			
	Student(s)) Aadit Jerfy		Grade 11	Town	Newtown
Newtowr	ı High School	Timothy DeJulio				
PS	3 T	he Effect of Road Usag	e Frequency on t	he Quality of Soil		
				•	Town	Newtown
orwich F	ree Academ	y Jason Croteau				
_S	2 F	Resisting the resistance:	Examining the va	alue of mushrooms		
	Student(s)	Areanna lovene		Grade 12	Town	Baltic
orwich 1	echnical Hig	h School Aleatha Pello	oni			
S	2	The Application of Amygoption on a National Sca	dalin as an Early ale	Stage Medicinal Ca	ncer Th	erapy to act as an Accessible
	Student(s)	Emerson Alexy		Grade 12	Town	Old Saybrook
	CT Technica	I High School Science &	Technology Awa	ards Technical	Hiah Scl	nool Finalist - medallion
=nergize Pepsico	Engineering A	Awards Finalist - En	ngineering High S	chool - CSF Medall	ion	The damen
Pepsico orwich 1	Engineering A	h School Aleatha Pello	oni	chool - CSF Medall	ion	
Pepsico	Engineering Arechnical Hig	h School Aleatha Pello Cultivating Green Growth	oni	chool - CSF Medall	ion	
Pepsico orwich 1	Engineering Arechnical Hig	h School Aleatha Pello	oni	chool - CSF Medall	ainable	
Pepsico orwich 1	Engineering Arechnical Hig	h School Aleatha Pello Cultivating Green Growth	oni	chool - CSF Medall	ainable (Gardening Practices
	Pepsico Jniversit year) fo Jewtowr S Jewtowr S Environn HS Fina Drwich F	Student(s) Pepsico Engineering A Jniversity of New Have year) for exemplary Jewtown High School S	Student(s) Lydia Cox Pepsico Engineering Awards Finalist - En University of New Haven Scholarship Awards year) for exemplary 11th grade project Bewtown High School Timothy DeJulio S 3 Al Based Skin Cancer De Student(s) Aadit Jerfy Bewtown High School Timothy DeJulio The Effect of Road Usag Student(s) Nathan Twitchell Environmental Sciences Awards with Connec HS Finalist - CSF Medallion Drwich Free Academy Jason Croteau S 2 Resisting the resistance: Student(s) Areanna lovene Drwich Technical High School Aleatha Pello S 2 The Application of Amygon	Student(s) Lydia Cox Pepsico Engineering Awards Finalist - Engineering High Scholarity of New Haven Scholarity Awards University of Year) for exemplary 11th grade project Bewtown High School Timothy DeJulio Based Skin Cancer Detection System Student(s) Aadit Jerfy Bewtown High School Timothy DeJulio Based Skin Cancer Detection System Student(s) Aadit Jerfy Bewtown High School Timothy DeJulio Based Skin Cancer Detection System Student(s) Aadit Jerfy Bewtown High School Timothy DeJulio Based Skin Cancer Detection System Student(s) Areana Usage Frequency on the Student(s) Nathan Twitchell Environmental Sciences Awards with Connecticut Association and Student Sciences Awards and Student Sciences Awards are student Sciences Awards and Student Sciences Awards are student Sciences Awards and Student Association and Sciences Awards are student Sciences Awards and Student Sciences Awards are student Sciences Awards and Sciences Awards are student Sciences Awards are student Sciences Awards and Sciences Awards are student Sciences Awards a	Student(s) Lydia Cox Grade 11 Pepsico Engineering Awards Finalist - Engineering High School - CSF Medalli University of New Haven Scholarship Awards University of New Haven 4 year year) for exemplary 11th grade project Bewtown High School Timothy DeJulio Student(s) Aadit Jerfy Grade 11 Bewtown High School Timothy DeJulio The Effect of Road Usage Frequency on the Quality of Soil Student(s) Nathan Twitchell Grade 11 Environmental Sciences Awards with Connecticut Association of Conservation and HS Finalist - CSF Medallion Drwich Free Academy Jason Croteau S 2 Resisting the resistance: Examining the value of mushrooms Student(s) Areanna lovene Grade 12 Drwich Technical High School Aleatha Pelloni S 2 The Application of Amygdalin as an Early Stage Medicinal Cale	Student(s) Lydia Cox Grade 11 Town Pepsico Engineering Awards Finalist - Engineering High School - CSF Medallion University of New Haven Scholarship Awards University of New Haven 4 year scholar year) for exemplary 11th grade project Rewtown High School Timothy DeJulio S

[SchTown	-	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Norwich			- ,		Awaru(5)		
3509	LST		gh School Aleatha Renewable fuel using		<u> </u>		
0303	LOT	Student(Grade 11	Town Chaplin	
		`	Tessa Lambert		Grade 11	Town Scotland	
	* Energ Stipe * Energ	izeCT Technic nd to Compete izeCT Future \$		ce & Technology Aw d High School Fin	ards 1st Place- alist - Medallion	Sciences Senior High Team - Pla Technical High School, Plaque & gh School	
Norwich	Norwic	h Technical Hi	gh School Suzanne	e Edwards			
6066	PS	3		ysis of the Variables c to Mechanical to El		rmance of Wind Turbines as the	Energy
		Student(s) Leah Kozerefski		Grade 9	Town Gilman	
	* Petit F * Energ * Energ * U.S. A	family FoundatizeCT AlternatizeCT Future Stir Force C	tion Women in Sciend	ce & Engineering Awards 3rd High School Finerchandise Package	ards 1st Place- Place High School - alist - Medallion	High School Finalist - medallion High School \$500 / plaque · \$200 Cash and Plaque	
Norwich	Norwic	h Technical Hi	gh School Aleatha	Pelloni			
3141	LS	3	Using Evolutionary A Activity	daptation of Bacteria	with Artificial Press	sures from UV Radiation to Create	e Antibiotic
			s) Elijah Smith		Grade 12	Town Norwich	
	* Energ Plaqı		al High School Scien	ce & Technology Aw	ards 3rd Place-	Technical High School , \$200,	
Pomfret	Pomfret	: School Jos	h Lake				
3068	LS	3	A Multi-Task Learnin Efficient ECG Interpr	g Model Integrating Fetation	ractal Analysis and	Homomorphic Encryption for Se	cure and
		Student(s) Bennett Cho		Grade 10	Town Seoul, South Korea	
Pomfret	Pomfret	: School Sec	ongi Hong				
6029	PS	2	Development of a no weak gravitational le	vel machine learning	algorithm for identi	fying and analyzing dark matter t	hrough
			s) Yuna Cho	<u> </u>	Grade 11	Town Pomfret	
Redding	CT ST	EM Fair Joyc	e Reed				
3052	LS		Determining the Abili Nitrates From Water	ty of Different Mosse	s and Plants to Rer	nove Algae Causing Phosphates	and
			s) Emma Cannon		Grade 11	Town New Canaan	
	* Assoc	iation for Wom	nen Geoscientists	Certificate & \$25 gif	t card given by CSE	Sciences Senior High- Plaque EF ellence in equine studies	

[SchTown] [S	chool]	[Teacher]				
[Proj#] [FCat] [H	-	Project Title]	Sponsor(s)	Award(s)		
Redding CT STEN	1 Fair Cather	ine Piscitelli				
6508 PST	3 De	esigning a More Hum	nan-Like Non-Playe	r-Character to Enha	ance Player Experience in Video G	ames
	Student(s)	Adam Liu		Grade 12	Town Woodbridge	
		Alesandro Gopal		Grade 12	Town Woodbridge	
Redding CT STEN	1 Fair Cather	ine Piscitelli				
3060 LS		etermining Trail Maki dolescents	ing Test B Accuracy	in Predicting Drivir	ng Preparedness in Pre-Driving-Ag	е
	Student(s)	Mila Mejnartowicz	2	Grade 10	Town Woodbridge	
* Life Scie	ence Awards w	ith support from Boe	hringer Ingelheim -	Finalist - Life Sc	ience Senior High - CSF Medallion	
Redding CT STEN	1 Fair Cather	ine Piscitelli				
3019 LS	2 Inv	vestigating If There Is umber Of Trophoblas	s a Correlation Between the structure is a Correlation of the structure is a constant of the	veen Maternal Age Placenta	At Time Of Pregnancy Loss And T	he
	Student(s)	Charlotte Stannar	rd	Grade 10	Town Bethany	
6017 PS	2 Cr Ur	nsupervised Learning	sion Tree-Based Ch g for Real-Time Ear	thquake Detection	on Machine Learning Algorithm Em	ployin
6017 PS	2 Cr Ur Student(s)	reating a Novel Decis nsupervised Learning Iris Yan	sion Tree-Based Ch g for Real-Time Ear	nange Point Detection thquake Detection Grade 12	on Machine Learning Algorithm Em Town Woodbridge	nploying
6017 PS Ridgefield Ridgefi	Student(s)	reating a Novel Decis nsupervised Learning Iris Yan ol Ryan Gleason	g for Real-Time Ear	thquake Detection Grade 12	Town Woodbridge	nploying
6017 PS	2 Cr Ur Student(s) eld High School	reating a Novel Decis nsupervised Learning Iris Yan Of Ryan Gleason The Effect of Morning N	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length	Town Woodbridge	nploying
6017 PS	Student(s)	reating a Novel Decis nsupervised Learning Iris Yan Of Ryan Gleason The Effect of Morning N	g for Real-Time Ear	thquake Detection Grade 12	Town Woodbridge	nploying
Ridgefield Ridgefi	Student(s) eld High School The Student(s)	reating a Novel Decis nsupervised Learning Iris Yan Of Ryan Gleason The Effect of Morning N	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length	Town Woodbridge	nploying
Ridgefield Ridgefi	2 Cr Ur Student(s) eld High School 3 Th Student(s) eld High School	reating a Novel Decis resupervised Learning Iris Yan Plant Ryan Gleason Re Effect of Morning Nation Bella Greco Christopher Tait Reffeinated Energy Dri	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length Grade 11	Town Woodbridge and Quality Town Ridgefield	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi	2 Cr Ur Student(s) eld High School 3 Th Student(s) eld High School	reating a Novel Decis resupervised Learning Iris Yan Plant Ryan Gleason re Effect of Morning N Bella Greco Christopher Tait	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length Grade 11	Town Woodbridge	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS	2 Cr Ur Student(s) eld High School 3 Th Student(s) eld High School	reating a Novel Decis resupervised Learning Iris Yan Plant Gleason Re Effect of Morning Nation Bella Greco Christopher Tait Cate Hicks	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length Grade 11 etic Performance	Town Woodbridge and Quality Town Ridgefield	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS	Student(s) eld High School Student(s) eld High School Student(s) eld High School Grund High School	reating a Novel Decis resupervised Learning Iris Yan Plant Gleason Re Effect of Morning Nation Rella Greco Christopher Tait Refeinated Energy Dri Cate Hicks Cate Hicks	g for Real-Time Ear	thquake Detection Grade 12 ise on Sleep Length Grade 11 etic Performance Grade 12	Town Woodbridge and Quality Town Ridgefield Town Ridgefield um Hydroxide and Nile Red Dye	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS Ridgefield Ridgefi	2 Cr Ur Student(s) eld High School 3 Tr Student(s) eld High School 3 Ca Student(s)	reating a Novel Decisions of Partial P	g for Real-Time Ear Versus Night Exerc inks Effects on Athl ics in Marine Organ	ise on Sleep Length Grade 11 ise on Sleep Length Grade 11 etic Performance Grade 12	Town Woodbridge and Quality Town Ridgefield Town Ridgefield um Hydroxide and Nile Red Dye Town Ridgefield	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS Ridgefield Ridgefi	Student(s) eld High School Student(s) eld High School Student(s) eld High School Grund High School	reating a Novel Decis resupervised Learning Iris Yan Plant Gleason Re Effect of Morning Nation Rella Greco Christopher Tait Refeinated Energy Dri Cate Hicks Cate Hicks	g for Real-Time Ear Versus Night Exerc inks Effects on Athl ics in Marine Organ	thquake Detection Grade 12 ise on Sleep Length Grade 11 etic Performance Grade 12	Town Woodbridge and Quality Town Ridgefield Town Ridgefield um Hydroxide and Nile Red Dye	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS Ridgefield Ridgefi 3505 LST	2 Cr Ur Student(s) eld High School 3 Tr Student(s) eld High School 3 Ca Student(s)	reating a Novel Decisions of Partial P	g for Real-Time Ear Versus Night Exerc inks Effects on Athl ics in Marine Organ	ise on Sleep Length Grade 11 ise on Sleep Length Grade 11 etic Performance Grade 12	Town Woodbridge and Quality Town Ridgefield Town Ridgefield um Hydroxide and Nile Red Dye Town Ridgefield	nploying
Ridgefield Ridgefi 3042 LS Ridgefield Ridgefi 3140 LS Ridgefield Ridgefi 3505 LST	Student(s) eld High School 3 Tr Student(s) eld High School 3 Ca Student(s) eld High School 3 Qu Student(s)	reating a Novel Decisions of Patrick Hughes Peating a Novel Decisions of Patrick Hughes	yersus Night Exerc	thquake Detection Grade 12 ise on Sleep Length Grade 11 etic Performance Grade 12 isms Using Potassi Grade 12 Grade 10	Town Woodbridge and Quality Town Ridgefield Town Ridgefield um Hydroxide and Nile Red Dye Town Ridgefield	nploying

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] Award(s) [Project Title] Sponsor(s) Ridgefield Ridgefield High School Ryan Gleason The Effect of Plant Based Proteins vs Animal Based Proteins on Sleep Quantity (Soy vs. Beef) 3120 Student(s) Emily Yee Grade 12 Town Ridgefield * Stanley Black & Decker Applied Technology Awards --- Senior High Finalist - Medallion Rocky Hill Rocky Hill High School Sharon Parker 6519 PST Investigating the Influence of Annealing Zinc Oxide and Aluminum Nitride on the Electrical and Mechanical Properties of Piezoelectric Transducers Ved Bathula Student(s) Grade 12 Town Rocky Hill Kristian Odobashi Grade 12 Town Rocky Hill **Daniel DiTunno** Grade 11 Town Rocky Hill Salisbury The Hotchkiss School David Butler Comparison of intrabody-mediated degradation of mHTT through ubiquitin independent vs. dependent 3114 LS pathways Student(s) Jerry Fan Grade 9 Town Watervliet Salisbury The Hotchkiss School Jungah Song Antioxidative Effects of Sargassum horneri on Alleviating Neurodegeneration Induced by Sustained 3081 Alcohol Exposure on Caenorhabditis elegans Model Student(s) Remy Lee Grade 10 Town Lakeville * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion The Hotchkiss School Sid Yenugu Salisbury A Resilient & Cost-Effective Prosthetic Device Tailored for the Accelerated Growth of Children 6103 Student(s) Sia Reddy Grade 10 Town Avon * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- HS School- Certificate, \$75.00 gift card given by ONR * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2024 Invention Convention, June 8 * Zepke Awards --- \$125 - For the Best Use of Electronic Circuitry- Senior High **Shelton** Shelton Intermediate School Erica McNeil Does the Temperature of a tennis ball effect how high it bounces? 4009 Student(s) Ryan Goncalves Town Shelton Grade 7 Aiden Teixeira Grade 7 Town Shelton **Shelton** Shelton Intermediate School Erica McNeil 5001 **Shot Power** Student(s) Brooke Plain Grade 7 Town Shelton * Petit Family Foundation Women in Science & Engineering Awards --- 1st Place- Middle School \$300 / trophy

[SchTown] [Proj#] [FCat]	[School] [Honors] [F	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Shelton Shelton	n Intermediate Scl	hool Erica McNe	il				
5018 P7	3 W	hat kinds of cereal	s get soggier in milk?				
	Student(s)	Sneh Shah		Grade 7	Town	Shelton	
* M&T	Bank Mathematic	s Awards 3rd	Place Middle School -	\$100 and Trophy			
Simsbury Wes	tminster School	Suzanne Bailey					
6043 PS	1 Du	ual-Degree-of-Free	dom Pneumatic Shoul	der Rehabilitation	Device	Based on Flexible	Materials
	Student(s)	Meiyin Ren		Grade 11	Town	Simsbury	
Indiv * H. Jo Phy	vidual - \$500 & Pla seph Gerber Awa sical Sciences 1st	aque ird of Excellence p HS \$1,000, Solid	vsical Science Awards resented by the Conne Silver Medal of Excell se of Electronic Circuit	cticut Academy of ence, Invite to CAS	Science	e and Engineering	
South Windsor	South Windsor H	ligh School Dane	el Eitel				
6501 PST	1 Th	-	ctric Technology for a	more Efficient and	Cost-Ef	fective Approach t	o Electronics
	Student(s)	Adithya Anand		Grade 11	Town	South Windsor	
		Jason Thokchor	m	Grade 11	Town	South Windsor	
\$30(* Ener * Ener * Peps * IEEE	O(split) & Plaque gizeCT Alternative gizeCT Future Susico Engineering A Connecticut Sec	e & Renewable Endestainability Awards wards Finalist stion \$100 Hon	ysical Science Awards ergy Awards High High School Final - Engineering High Sc orable Mention e Award for Innovative	School Finalist - M ist - Medallion hool - CSF Medall	ledallion ion		gn ream-
South Windsor	South Windsor H	ligh School Dane	el Eitel				
3524 LST	1 Mi	ushBox: In Situ Bic ellulosic Waste Inte	odegradation of Munici egration	oal Solid Waste th	rough M	ycoremediation via	a Mycelium and
	Student(s)	Samarth Basant	th	Grade 10	Town	South Windsor	
		Tejbir Litt		Grade 10	Town	South Windsor	
(spli * Envir 1st F	t) & Plaque conmental Science Place HS- Plaque and	es Awards with Cor d \$700 Stipend to Co	pehringer Ingelheim nnecticut Association o ompete at GENIUS Olyn d Competition for 1st F	f Conservation and	d Inland	Wetlands Commis	
South Windsor	South Windsor H	ligh School Dane	el Eitel				
6520 PST	3 Ac	cid Rain? Such A F	Pain!				
	Student(s)	Eliza Blanchfield	d	Grade 10	Town	South Windsor	
		Raina Shukla		Grade 10	Town	South Windsor	

	=	[Teacher]					
[Proj#] [FCat] [Honors] [P	Project Title]	Sponsor(s)	Award(s)			
South Windsor	South Windsor H	igh School Danel E	Eitel				
3517 LST	2 Sa	ving the Scraps					
	Student(s)	Sofia Holovatska		Grade 10	Town	south windsor	
		Grace Zeng		Grade 10	Town	south windsor	
		Aarya Nair		Grade 10	Town	south windsor	
South Windsor S	South Windsor H	igh School Joshua	Kraus				
6035 PS		novel approach to a t tural ocean currents	biomimetic underse	ea generator aided	by triboe	lectric nanogener	ators to harnes
	Student(s)	Pranay Kakkar		Grade 11	Town	South Windsor	
* Electric - \$100	c Boat Managem Cash for top pro	ent Association Scie oject that has innova	nce and Engineeri tive nautical applic	ng Research Award ations	ls To	p Prize in Nautic	al Research
South Windsor S	South Windsor H	igh School Danel E	Eitel				
3534 LST		ements of Ecology, th	ne Institution for Ini	novation and Enviro	nmental	ly Beneficial Inva	sive Plant
	Re	moval Projects					
		Srinidhi Karthik		Grade 10	Town	South Windsor	
	Student(s) zeCT Future Sus	•	High School Fin	Grade 10	Town	South Windsor South Windsor	
* Pepsic	Student(s) zeCT Future Sus o Engineering Av South Windsor H	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E	High School Fin Engineering High S Eitel	Grade 10 alist - Medallion ichool - CSF Medall	Town		
* Pepsic	Student(s) zeCT Future Sus o Engineering Av South Windsor H	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E	High School Fin Engineering High S Eitel	Grade 10 alist - Medallion ichool - CSF Medall	Town		
* Pepsic	Student(s) zeCT Future Sus o Engineering Av South Windsor H	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E igh School Danel E	High School Fin Engineering High S Eitel	Grade 10 alist - Medallion ichool - CSF Medall	Town		
* Pepsic	Student(s) zeCT Future Sus o Engineering Avenue South Windsor History	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E igh School Danel E	High School Fin Engineering High S Eitel	Grade 10 alist - Medallion chool - CSF Medall	Town ion Town	South Windsor	
* Pepsic South Windsor S 3504 LST	Student(s) zeCT Future Sus o Engineering Avenue South Windsor Hi 2 Re Student(s)	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E igh School Danel E ducing Plastic Waste Ali Omer	High School Fin Engineering High S Eitel e A Little At A Time	Grade 10 alist - Medallion school - CSF Medall Grade 10	Town ion Town	South Windsor South Windsor	
* Pepsic South Windsor S 3504 LST	Student(s) zeCT Future Sus o Engineering Av South Windsor Hi 2 Re Student(s) South Windsor Hi	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E sducing Plastic Waste Ali Omer Alex Rho	High School Fin Engineering High S Eitel e A Little At A Time	Grade 10 alist - Medallion school - CSF Medall Grade 10 Grade 10	Town Town Town	South Windsor South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S	Student(s) zeCT Future Susto Engineering Available South Windsor His Student(s) South Windsor His Student Windsor His Student Windsor His dis	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E siducing Plastic Waste Ali Omer Alex Rho sigh School Danel E shovel approach to pre	High School Fin Engineering High S Eitel e A Little At A Time	Grade 10 alist - Medallion school - CSF Medall Grade 10 Grade 10	Town Town Town	South Windsor South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S	Student(s) zeCT Future Susto Engineering Available South Windsor His Student(s) South Windsor His Student Windsor His Student Windsor His dis	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E siducing Plastic Waste Ali Omer Alex Rho sigh School Danel E sigh School Danel E sigh School Danel E sigh School Danel E	High School Fin Engineering High S Eitel e A Little At A Time	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 10	Town Town Town Town Town	South Windsor South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S 3510 LST	Student(s) zeCT Future Sus o Engineering Avoid Engineering Engine	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E siducing Plastic Waste Ali Omer Alex Rho sigh School Danel E shovel approach to pro- sease through the info	High School Fin Engineering High S Eitel e A Little At A Time Eitel eventing the PrPso nibition of Glypican	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 11 Grade 11 Grade 9	Town Town Town Town Town Town Town	South Windsor South Windsor South Windsor Characterizes C South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S 3510 LST * Pfizer (Student(s) zeCT Future Sus of Engineering Available of Engineering Ava	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E siducing Plastic Waste Ali Omer Alex Rho sigh School Danel E shovel approach to pro- sease through the info Smriti Rajan Sanjay Rajan	High School Fin Engineering High S Eitel e A Little At A Time Eitel eventing the PrPsc hibition of Glypican	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 11 Grade 11 Grade 9	Town Town Town Town Town Town Town	South Windsor South Windsor South Windsor Characterizes C South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S * Pfizer C South Windsor S	Student(s) zeCT Future Sus o Engineering Avoid the South Windsor Hit is student(s) South Windsor Hit is student(s) Student(s) Computational Bit is student Windsor Hit is student windsor Hit is south Windsor Hit is south Windsor Hit is student winds	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E stainability Awards igh School Danel E stainabili	High School Fin Engineering High S Eitel e A Little At A Time Eitel eventing the PrPsc hibition of Glypican	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 11 Grade 11 Grade 9	Town Town Town Town Town Town Town	South Windsor South Windsor South Windsor Characterizes C South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S 3510 LST * Pfizer 0	Student(s) zeCT Future Sus o Engineering Avon Engineerin	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E siducing Plastic Waste Ali Omer Alex Rho sigh School Danel E shovel approach to provel approach to prove asset through the inh Smriti Rajan Sanjay Rajan siology and Bioinform sigh School Danel E silgun Launcher	High School Fin- Engineering High S Eitel e A Little At A Time Eitel eventing the PrPschibition of Glypican atics Awards S Eitel	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 11 Grade 11 Grade 9 Senior High Finalist	Town Town Town Town Town Town Town Town	South Windsor South Windsor South Windsor Characterizes C South Windsor South Windsor	reutzfeldt-Jako
* Pepsic South Windsor S 3504 LST South Windsor S * Pfizer C South Windsor S	Student(s) zeCT Future Sus o Engineering Avon Engineerin	Srinidhi Karthik Nishigandha Bhan stainability Awards wards Finalist - E sigh School Danel E state Ali Omer Alex Rho sigh School Danel E shovel approach to pro- sease through the inh Smriti Rajan Sanjay Rajan siology and Bioinform	High School Fin Engineering High S Eitel e A Little At A Time Eitel eventing the PrPsc nibition of Glypican atics Awards S Eitel	Grade 10 alist - Medallion chool - CSF Medall Grade 10 Grade 10 Grade 11 Grade 11 Grade 9	Town Town Town Town Town Town Town	South Windsor South Windsor South Windsor Characterizes C South Windsor South Windsor on	reutzfeldt-Jako

[SchTown] [SchTown]	chool]	[Teacher]				
[Proj#] [FCat] [H	onors] [Project Title]	Sponsor(s)	Award(s)		
South Windsor So	uth Windsor H	High School Dan	el Eitel			
6513 PST	3 R	litigation of Pharma everse Osmosis a	aceutical Pollution thro nd Succesful Filtration	ough Advanced Wa n Methods	ter Treat	tment Techniques: A Study on
	Student(s)	Arushi Sharma		Grade 10	Town	South Windsor
		Ananya Rajan		Grade 10	Town	South Windsor
South Windsor So	uth Windsor H	High School Dan	el Eitel			
6507 PST	1 0	ptimized Magneto	-Inertial Fusion for Pra	ctical Use		
	Student(s)	Jeremy Shiju		Grade 11	Town	South Windsor High School
		Akshaj Nadimp	alli	Grade 11	Town	South Windsor
		Daniel Stoyano	v	Grade 11	Town	South Windsor
Plaque			nysical Science Award s High School Fin		nysical S	Sciences Senior High Team -
South Windsor So	uth Windsor H	High School Dan	el Eitel			
6061 PS	3 H	ow does less elect	tricity usage impact th	e surrounding temp	erature?	
6061 PS		ow does less elect Isha Verma	tricity usage impact th	e surrounding temp Grade 10		South Windsor
	Student(s)	Isha Verma				
South Windsor So	Student(s)	Isha Verma High School Kevi	in Snyder	Grade 10	Town	South Windsor
	Student(s) uth Windsor H	Isha Verma High School Kevi	in Snyder ding of solar physics v	Grade 10	Town eural net	South Windsor works
South Windsor So	Student(s) uth Windsor F 1 Si Student(s)	Isha Verma High School Kevicientific understan Pragyan Yadav	in Snyder ding of solar physics v	Grade 10 vith image based ne	Town eural net	South Windsor works South Windsor
South Windsor So 6013 PS * Connect Medallic * Stanley I * Infosys F * Universit	Student(s) uth Windsor F Student(s) icut Science F on Black & Decker Foundation Co	High School Kevicientific understan Pragyan Yadav Fair Association Pher Applied Technolomputer Science A	in Snyder ding of solar physics v	vith image based no Grade 12 s Finalist - Phys or High Finalist - Me digh School - \$500,	Town eural net Town sical Sciential	South Windsor works South Windsor ences Senior High - CSF
* Connect Medallic * Stanley I * Infosys F * Universit Science	Student(s) uth Windsor F Student(s) icut Science F on Black & Decker Foundation Co y of Connection s - Co-Op \$10 raug High Sch	High School Kevicientific understan Pragyan Yadav Fair Association Pher Applied Technolomputer Science Acut - Early College Of Gift Certificate	in Snyder ding of solar physics v nysical Science Award ogy Awards Senic wards 1st Place H Experience UCO	vith image based not Grade 12 s Finalist - Physor High Finalist - Medigh School - \$500, NN Early College E	eural net Town Sical Sciedallion Plaque Experience	South Windsor works South Windsor ences Senior High - CSF
* Connect Medallic * Stanley I * Infosys F * Universit Science	Student(s) uth Windsor F Student(s) icut Science Fon Black & Decker oundation Co y of Connections - Co-Op \$10 raug High Sch	Isha Verma High School Kevicientific understante Pragyan Yadav Fair Association Phaser Applied Technolomputer Science Acut - Early College Of Gift Certificate The property of the property	in Snyder ding of solar physics was solar solar physics was solar physics was solar physics wards Senic wards 1st Place Faxperience UCO	with image based not Grade 12 s Finalist - Physic Finalist - Medigh School - \$500, NN Early College Entertain and Tooth Protect	eural net Town sical Scie edallion Plaque experience	South Windsor works South Windsor ences Senior High - CSF ce Program: Physical
* Connect Medallic * Stanley I * Infosys F * Universit Science	Student(s) uth Windsor F Student(s) icut Science Fon Black & Decker oundation Co y of Connections - Co-Op \$10 raug High Sch	High School Kevicientific understan Pragyan Yadav Fair Association Pher Applied Technolomputer Science Acut - Early College Of Gift Certificate	in Snyder ding of solar physics was solar solar physics was solar physics was solar physics wards Senic wards 1st Place Faxperience UCO	vith image based not Grade 12 s Finalist - Physor High Finalist - Medigh School - \$500, NN Early College E	eural net Town sical Scie edallion Plaque experience	South Windsor works South Windsor ences Senior High - CSF
* Connect Medallic * Stanley I * Infosys F * Universit Science Southbury Pompe	Student(s) uth Windsor F Student(s) icut Science F on Black & Decke Foundation Co cy of Connection s - Co-Op \$10 raug High Sch Student(s)	Isha Verma High School Kevicientific understanter Pragyan Yadav Fair Association Pherr Applied Technol College Offit Certificate Certificate College Offit Certificate Certifica	in Snyder ding of solar physics waysical Science Award ogy Awards Senice wards 1st Place H Experience UCO ritt Footh Remineralization wasan	with image based not Grade 12 s Finalist - Physic Finalist - Medigh School - \$500, NN Early College Entertain and Tooth Protect	eural net Town sical Scie edallion Plaque experience	South Windsor works South Windsor ences Senior High - CSF ce Program: Physical
* Connect Medallic * Stanley I * Infosys F * Universit Science Southbury Pompe	Student(s) uth Windsor F Student(s) icut Science Fon Black & Decker oundation Copy of Connections - Co-Op \$10 raug High Sch Student(s)	Isha Verma High School Kevicientific understante Pragyan Yadav Fair Association Pher Applied Technolomputer Science Acut - Early College Oo Gift Certificate The college Meritano-Coatings for Taxon Kamya Keerthin	in Snyder ding of solar physics was an an analysis was an anal	vith image based not Grade 12 s Finalist - Physor High Finalist - Medigh School - \$500, NN Early College En and Tooth Protect Grade 11	eural net Town sical Sciedallion Plaque experience ion. Town	South Windsor works South Windsor ences Senior High - CSF ce Program: Physical
* Connect Medallic * Stanley I * Infosys F * Universit Science Southbury Pompe 3139 LS Southbury Pompe	Student(s) uth Windsor F Student(s) icut Science Fon Black & Decker oundation Copy of Connections - Co-Op \$10 raug High Sch Student(s)	Isha Verma High School Kevicientific understan Pragyan Yadav Fair Association Pher Applied Technol computer Science A cut - Early College 00 Gift Certificate nool Coleen Mericano-Coatings for T Kamya Keerthin nool Anna Naten Comprehensive E	in Snyder ding of solar physics was an an analysis was an anal	vith image based not Grade 12 s Finalist - Physor High Finalist - Medigh School - \$500, NN Early College En and Tooth Protect Grade 11	eural net Town sical Scie edallion Plaque experience ion. Town	South Windsor works South Windsor ences Senior High - CSF ce Program: Physical Middlebury

[SchTown]	[School]	[Teacher]				
[Proj#] [FCat]	[Honors] [F	Project Title]	Sponsor(s)	Award(s)		
Southington J	oseph A. Depaolo	Middle School Ha	alime Agirman			
2514 L8	2 Gl De	obal Warming Man erived Calcium Carl	agement through Utiliz oonate in Global Warn	ation of naturally ning Reduction	occurrin	g resources such as Eggshell-
	Student(s)	Esra Agirman		Grade 8	Town	Southington
MS * NAS * Talco to o	Finalist - CSF Meda A EARTH System ott Mountain Scien ne Summer or Sat	allion Science Award ce Center & Acade urday Program at 1	Certificate and \$25 g	ift card given by C r's Award - Middl	SEF e Schoo	Wetlands Commissions I Life Science - Scholarship
Stamford Acad	demy of Information	n Technology and	Joshua Bogard			
3035 LS	1 A	Novel Machine Lea	rning Model for Estrou	s Cycle Classifica	ation in N	Лісе
	Student(s)	Saachi Goyal		Grade 11	Town	Stamford
* Pfize * The 1st * Infos * H. Jo	er Computational B Jackson Laborator Place High School Bys Foundation Col Dseph Gerber Awa	tiology and Bioinform by with Connecticut - \$500 and Plaque mputer Science Aw rd of Excellence pro	matics Awards 2nd Academy of Science a , Medallion ards Senior High	d Place High Scho and Engineering U Finalist - Medallio cticut Academy of	ool - \$30 Jrban Sc n	enior High - CSF Medallion 10, Plaque shool Challenge Awards e and Engineering \$500
Stamford Bi-C	ultural Hebrew Aca	ademy Chris Gras	seck			
1005 LT		-	th Different pH Solutio			
	Student(s)			Grade 7		Stamford
		Ella Notik		Grade 7	Town	Stamford
Stamford Bi-C		ademy Chris Gras				
2004 L7		owing algae in diffe	erent salinities			
	Student(s)	Aaron Palker		Grade 7	Town	Stamford
* Life :	Science Awards w	ith support from Bo	ehringer Ingelheim	3rd Place- Life S	Sciences	7th grade- \$100 & trophy
Stamford Bi-C	ultural Hebrew Aca	ademy Chris Gras	seck			
1010 LT	2 W	hat Salt Is Best for	Hatching Brine Shrimp	?		
	Student(s)	Daniella Raich		Grade 7		Stamford
		Stella Pachter		Grade 7	Town	Stamford
Stamford King		Schulman				
3048 LS		sessing the presen	ce of Gluten			
	Student(s)	Thomas Cline		Grade 11	Town	Greenwich

[SchTown]	[Sc	hool]	[Teacher]			
[Proj#]	[FCat] [Ho	nors] [F	Project Title]	Sponsor(s)	Award(s)	
Stamford	King Scho	ool Victoria	Schulman			
6072	PS		onal Evolution of Nor election in Metastase		ancer Reveals TP:	53/EGFR Maintenance and SETD2
		Student(s)	Parker Hayashi		Grade 11	Town Riverside
	Medallion	า	air Association Physi mputer Science Awa		-	sical Sciences Senior High - CSF
Stamford	King Scho	ool Victoria	Schulman			
6097	PS		ETICKT IT: A Machin patiotemporal Diseas		pplication for Rea	I-Time Tick Identification and
		Student(s)	Antonia Kolb		Grade 12	Town New Canaan
	Individua * Pfizer Coi * Infosys Fo * Christoph	ll - \$200 & Pla mputational B oundation Col	aque Biology and Bioinform mputer Science Awa	natics Awards Se rds Senior High	enior High Finalist Finalist - Medallio	
Stamford	King Scho	ool Yiliu Li				
6034	PS		vo-Dimensional Sem onolayers	iconductors: Charac	teristics and Usag	es of Graphene and Transition-Metal
	_		Zachary Louizos		Grade 11	Town Stamford
Stamford	King Scho	ool Victoria	Schulman			
3037	LS		ssessing the Public's	Willingness to Acce	pt Cancer Vaccine	98
	_	Student(s)	Madeline Scanlon	·	Grade 11	Town New Canaan
Stamford	King Scho	ool Victoria	Schulman			
3044	LS	1 Ge	ender-Related Differe	ences in a Murine PO	CSK9 and HFD Mo	odel of Atherosclerosis
		Student(s)	Layla Shah		Grade 12	Town Wilton
	* Life Scien	ce Awards w	ith support from Boel	hringer Ingelheim	- Finalist - Life Sc	ience Senior High - CSF Medallion
Stamford	King Scho	ool Erik Rut	yna			
6078	PS	3 Ut	ilizing Ground and S onitor Climate Chang	pace-Based Sensor	s to Track Trajecto	ories of Vehicles/Dangerous Objects and
		IVIC	ornior omnaco onang	, 0, = 111111011101110111011		
		_	Ryan Wempen	, o, =	Grade 12	Town Stamford
	– * NASA EA	Student(s)			Grade 12	
		Student(s) RTH System	Ryan Wempen	Certificate and \$25 ç	Grade 12	
		Student(s) RTH System ael School	Ryan Wempen Science Award	Certificate and \$25 ç	Grade 12	

[SchTown] [Sc [Proj#] [FCat] [Ho	-	[Teacher] roject Title]	Sponsor(s)	Award(s)			
Stonington St. Mic	hael School	Anna-Helene Gross	omanides				
5501 P8	2 De	termining the Impac	ct of pH on Seashell	Dissolution			
	Student(s)	Addison Cadmus		Grade 8	Town	Pawcatuck	
* National	Oceanic and A	tmospheric Adminis	stration Certifica	te and \$25 gift card	d given b	by CSEF	
Stonington St. Mic	hael School	Anna-Helene Gross	omanides				
5512 P8	2 Da	ry-Free Delights					
	Student(s)	Gwendolyn Frato	ni-Jaskiewicz	Grade 8	Town	Pawcatuck	
Stonington St. Mic	hael School	Anna-Helene Gross	omanides				
5012 P7	2 The	e Charcoal Affect (F	Physical Science)				
	Student(s)	Josephine Hawki	ns	Grade 7	Town	Westerly,RI	
Stonington St. Mic	hael School	Anna-Helene Gross	omanides				
5008 P7		pensive Fails or, Lo					
3000 17		Maeve Nicholas	ng Lasting Mails	Grade 7	Town	Stonington	
Scholar Stonington St. Mic	·	·	Program at TMSC - \ comanides	/alue \$435			
5506 P8	2 Fro	m Ocean to Tap					
	Student(s)	Sarah Previty		Grade 8	Town	Stonington	
Stratford St. Mark	School Alexa	nder Kennedy					
4006 PT	2 Sel	f Inflating Balloon					
	Student(s)	Sara Gnoza		Grade 8	Town	Stratford	
		Angelina Pino		Grade 8	Town	Bridgeport	
Stratford St. Mark	School Alexa	nder Kennedy					
2513 L8		olicit Gender Bias					
		Julianne Gonzale	z	Grade 8	Town	Stratford	
* America	n Psychologica	Association C	ertificate, \$25 gift ca	rd given by CSEF			
Stratford St. Mark	School Alexa	nder Kennedy					
5015 P7	3 The	e Strength of Electr	omagnets				
	Student(s)	Tyler Markland		Grade 7	Town	Stratford	
	<u> </u>						

[SchTown] [Sc [Proj#] [FCat] [He	chool] onors] [l	[Teacher] Project Title]	Sponsor(s)	Award(s)		
Stratford St. Mark	School Alex	ander Kennedy				
4020 PT	3 Do	oes Color Affect the	Way taste is perceiv	ed?		
	Student(s)	Maeve McCloske	y	Grade 7	Town Stratford	
		Stella Testo		Grade 7	Town Stratford	
* Americar	n Psychologica	al Association C	ertificate, \$25 gift ca	rd given by CSEF		
Suffield Suffield Ad	ademy Seu	ngoh Seo				
3031 LS	3 Pr	edicting drug repurp pinformatics-based i	oosing capabilities, u machine learning mo	tilizing off-Target e dels	ffects, through chemoinformatics and	
-	Student(s)	Ansel Choi		Grade 10	Town Seocho-gu	
Suffield Suffield Ac	ademy Mich	ael Zappala				
3002 LS	1 De	ental Nutrients' Deliv	very Through the Intr	aoral Cavity with a	Toothpaste Using Penetration Enhance	cers
	Student(s)		<u> </u>	Grade 10	Town Brookline	
- * Life Scie	nce Awards w	ith support from Boe	ehringer Ingelheim	Finalist - Life Sci	ience Senior High - CSF Medallion	
Thomaston Thoma	2 Po			r Types in Single-C Grade 12	Chambered Microbial Fuel CElls Town Thomaston	
Trumbull Christian	Heritage Scho	ool Daniel Cote				
6050 PS		evelopment of Biode	gradable Plastic			
		Colby Burke	•	Grade 11	Town Shelton	
Trumbull Christian	Heritage Scho	ool Nicole Camach	10			
5515 P8	1 Ho	ow does the pH of a	liquid affect its sphe	rification?		
	Student(s)	Gaia Cioppa		Grade 8	Town Greenwich	
* Connecti trophy	cut Science F	air Association Phys	sical Science Awards	5th Place- Ph	ysical Sciences 8th Grade Ind	
Trumbull Christian	Heritage Scho	ool Daniel Cote				
6102 PS	3 Vi	sion Through AI: As	sisting the Visually Ir	mpaired By Building	g AI Smart Glasses	
	Student(s)	Daylin Jerome		Grade 11	Town Bridgeport	
* Pepsico * Office of	Engineering A Naval Resear	wards Finalist - ch- U.S. Navy / U.S		chool - CSF Medall IS School- Certifica		

^{*} University of Hartford Scholarships --- University of Hartford Scholarship - For Excellence in Science or mathematics, Grade 11 only - \$30,000 (\$7,500/year)

^{*} Wisner Chairman's Award --- \$500 cash & Plaque HS

^{*} Susan and Stanley Lessoff Memorial --- Susan and StanleyLessoff Memorial Award - \$250 Cash and Plaque HS

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Trumbull Christian Heritage School Nicole Camacho How do different substances affect how light is bent 5505 Student(s) Joshua Joseph Grade 8 Town Milford * M&T Bank Mathematics Awards --- 1st Place Middle School- \$300 and Plaque Trumbull Christian Heritage School Nicole Camacho 2517 Do Storm drains keep trash out of water ways? Student(s) Juliette Schwartz Grade 8 Town Shelton * Petit Family Foundation Women in Science & Engineering Awards --- Middle School Finalist - Medallion * National Oceanic and Atmospheric Administration --- Certificate and \$25 gift card given by CSEF * Schoepfer Award for Excellence in Local Aquatic Science --- For excellence in a local water quality study, \$100 cash Trumbull Christian Heritage School Daniel Cote 6037 Text to Speech and Speech to Text App for the Hearing Impaired Student(s) Noah Scrofani Grade 11 Town Trumbull * Connecticut Academy of Audiology Awards --- \$200 Award HS- For Excellence in Audiology and Acoustics, opport. to shadow an audiologist Trumbull Trumbull High School Steffanie Elkins The Impact of pH on the Rate at which Organic Matter Decomposes in Compost 3132 Student(s) Anthony Deras Grade 12 Town Bridgeport Trumbull Trumbull High School Steffanie Elkins 3080 Neurological Density of Fish Affects the Ability to Train Student(s) Grace Schober Town Trumbull Grade 12 Trumbull Trumbull High School Steffanie Elkins Utilizing Bacillus Subtilis for the Accelerated Biodegradation of Polyethylene Terephthalate 3023 Student(s) Kylie Totten Grade 12 Town Trumbull Wallingford Choate Rosemary Hall Sunggook Kim Effect of calcifying microorganisms with carboned rice hulls on removing ultrafine dust Student(s) Seokhyun Chin Grade 11 Town Wallingford Wallingford Choate Rosemary Hall Min Gyeong Kim 3074 Investigation of lung cancer biomarkers through in vitro cell-free DNA Student(s) Stanley Cho Grade 11 Town Wallingford

Winning Projects

[SchTown]	[School]	[Teacher]					
[Proj#] [FCa	t] [Honors]	[Project Title]	Sponsor(s)	Award(s)			
Wallingford C	Choate Rosema	ary Hall Tim Yun					
3097 LS	2	Heterogenous Assoc	ciation between Morta	lity and Environmer	ntal Fact	tors	
	Studer	it(s) Andrew Ju		Grade 11	Town	Wallingford	
Wallingford C	Choate Rosema	ary Hall Jan Cook					
6051 PS	2		Quadrilaterals of Tria	angle Centers			
	Studer	it(s) Kay Yeon Lee		Grade 11	Town	Wallingford	
* Per * Ma Ma	osico Engineeri plesoft Awards athematics		ce- Engineering Seni cs and Modeling N	or High- \$200 & pla Maple software, , gii	ft packs	, & T-shirt - For Excellence in 50 Cash and Plaque HS	
Wallingford C	Choate Rosema	ary Hall Selena Gell					
6502 PST	2	Construction of a Lo	w-cost, Accurate Liqu	id Handling Device	with 3D	Printing for Polymerase Chain	ı
	Studer	it(s) Calvin Moon		Grade 12	Town	Wallingford	
		Jeffrey Moon		Grade 11	Town	Wallingford	
20	24 Invention C	ary Hall Yingxin Gao	rns in the Progression	·		Invitation to compete at the	
0121 10		it(s) Ann Song	The in the Frogression	Grade 11		Farmington	
		nal Biology and Bioinfo logy Awards 5th Pl			ol - \$20	0, Plaque	
		ary Hall Chenglin Mia					
3006 LS	Ctudes		Memory: Finding and				
	Studer	it(s) Yumeng Wang		Grade 10	Iown	waiingiord	
* Life	Science Awar	ds with support from Bo	oehringer Ingelheim -	Finalist - Life Sci	ence Se	enior High - CSF Medallion	
Wallingford C	Choate Rosema	ary Hall Andrew Murg	io				
6525 PST	1	AgriBotanical: An Int	elligent Continuum-M	aneuver Robot for I	Monitori	ng and Managing Arboreal Wil	d Bee
	Studer	ıt(s) Jingyuan Zhang]	Grade 11	Town	Wallingford	
		Xiyin Yang		Grade 11	Town	Wallingford	
\$5 * Sta * Info * Pep * MT \$2	00 (split) & Pla nley Black & D osys Foundation osico Engineeri U Aero Engine 50	aque ecker Applied Technolo n Computer Science Av ng Awards 2nd Pla	ogy Awards 1st Pl wards Senior High ace- Engineering Seni MTU Aero Engines	ace High School - S n Finalist - Medallion or High- \$300 & pla	\$500 and n que	ciences Senior High Team- d Plaque, Medallion applied Principles Award -	

* Arthur & Ruth Mensing Awards --- Mensing Award Excellence in the High School Physical Sciences - \$500

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Waterbury ACES at Chase Lisa Debany Creating Safe Sunscreens For Coral Reefs With The Best U.V. Protection. 1007 LT Student(s) Emily Ambrosini Grade 7 Town Watertown **Taylor Boscarino** Grade 7 Town Thomaston * Ricoh Americas Corporation --- Certificate, \$25 gift card given by CSEF Waterbury ACES at Chase Natalie Huev 1001 Does Water Temperature Affect Seed Germination? Student(s) Joel Brooks Grade 8 Town Naugatuck **Pierce Knowlton** Grade 8 Town Thomaston **Eric Callender** Grade 8 Town Waterbury Waterbury ACES at Chase Natalie Huey 5507 P8 Effective and Safe Removal of Stickers Town Watertown Student(s) Lilly Carew Grade 8 Waterbury ACES at Chase Sandra Solimene Creating Cost- Effective Eco-Friendly Insulation 5511 P8 Student(s) Andrew Daukas Grade 8 Town Middlebury * Connecticut Science Fair Association Physical Science Awards --- 3rd Place- Physical Sciences 8th Grade Ind, - \$100 * Alexion Biotechnology Awards --- 5th Place Biotechnology 8th grade- trophy Waterbury ACES at Chase Sandra Solimene 5503 The Bag that Saved the Homeless Student(s) Evaleise Diaz Grade 8 Town Meriden * Connecticut Science Fair Association Physical Science Awards --- Finalist - Physical Sciences 8th Grade - CSF Medallion * Demos R Us Awards --- \$200 Cash Award- Clear Execution of Research- 8th Grade * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2024 Invention Convention, June 8 Waterbury ACES at Chase Kelly Horan What Design of Mesh Water Filtration Device Most Effectively Removes Microplastics? 5005 P7 Student(s) Jacob Godfrey Grade 7 Town Waterbury * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---5th Place Middle School - Trophy, Medallion * Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion * U.S. Agency for International Development (USAID) --- Certificate and \$25 gift card given by CSEF * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners

- * National Center for Inquiry Learning --- Daniel & Maggie Award for Imagination MS \$100
- * Aquarion Water Company --- 1st. \$150.00 Cash Grade 7-8 For Excellence in Water Quality or Environmental Management
- * Urban School Challenge 1st Place Middle School Awards --- USC Highest Placing 7th grader- Project Oceanology's Ocean Camp \$900

	-	[Teacher]	• ()				
[Proj#] [FCat] [H		roject Title]	Sponsor(s)	Award(s)			
Vaterbury ACES		Debany					
1015 LT			Be Used To Detect				
	Student(s)			Grade 7		Waterbury	
		Piper Sullivan		Grade 7	Town	Waterbury	
Waterbury ACES	at Chase Wat	terbury					
2511 L8	3 Le	af Light Chlorophyll	light bulb				
	Student(s)	Toren Lott		Grade 8	Town	Waterbury	
* Ricoh Ar	mericas Corpor	ation Certificate	e, \$25 gift card giver	n by CSEF		_	
Waterbury ACES	at Chase Lisa	a Debany					
4015 PT	2 My	rcelium Trash Bags	vs Plastic Trash Bag	gs			
	Student(s)	Greyson Sauer		Grade 7	Town	Prospect	
		Mason Mantz		Grade 7	Town	Waterbury	
7 (IOXIOTT	Diotechnology /	Awarus Finalist	- Biotechnology 7h (grade - CSF Meda	lion		
	at Chase Lisa	a Debany ducing Lycorma de	- Biotechnology 7h (al Oils to Address C	rop Damage
Waterbury ACES	at Chase Lisa	a Debany			Essentia	al Oils to Address C Waterbury	rop Damage
Vaterbury ACES a 2005 L7 * Life Scie * Petit Far * Alexion I * Thermo	at Chase Lisa 1 Re an Student(s) ence Awards winily Foundation Biotechnology	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Bood Women in Science Awards 4th Place Junior Innovators		Grade 7 1st Place- Life Sords Middle Science grade - trophy	Essentia Town Sciences nool Fina	Waterbury 7th grade- \$300 & allist - Medallion	trophy
* Life Scie * Petit Far * Alexion I * Thermo	at Chase Lisa 1 Re and Student(s) Ince Awards with willy Foundation Biotechnology Arisher Scientific	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boe Women in Science Awards 4th Plac Junior Innovators nners	ehringer Ingelheim - e & Engineering Awa ce Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Sords Middle Science grade - trophy	Essentia Town Sciences nool Fina	Waterbury 7th grade- \$300 & allist - Medallion	trophy
* Life Scie * Petit Far * Alexion I * Thermo	at Chase Lisa 1 Re an Student(s) ence Awards windly Foundation Biotechnology Arisher Scientificted top MS win	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boan Women in Science Awards 4th Place C Junior Innovators Inners Mathieu Freema	ehringer Ingelheim - e & Engineering Awa ce Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Sords Middle Scingrade - trophy ination to compete	Essentia Town Sciences nool Fina in the TI	Waterbury 7th grade- \$300 & allist - Medallion nermo Fisher Scien	trophy
* Life Scie * Petit Far * Alexion I * Thermo for sele Westport Greens F	at Chase Lisa 1 Re and Student(s) Ince Awards with mily Foundation Biotechnology Arisher Scientific cted top MS with a series Academy 3 Me	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boan Women in Science Awards 4th Place C Junior Innovators Inners Mathieu Freema	ehringer Ingelheim - e & Engineering Awa ce Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Sords Middle Sord grade - trophy ination to compete	Essentia Town Sciences nool Fina in the TI	Waterbury 7th grade- \$300 & allist - Medallion nermo Fisher Scien	trophy
* Life Scie * Petit Far * Alexion * Thermo for sele */Pestport Greens for Science * The s	at Chase Lisa 1 Re and Student(s) Ince Awards with willy Foundation Biotechnology Arisher Scientific ted top MS with a student (s) Student(s)	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boan Women in Science Awards 4th Place Junior Innovators nners y Mathieu Freemathylphenidate Trea	ehringer Ingelheim - e & Engineering Awa ce Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Sords Middle Sord grade - trophy ination to compete	Essentia Town Sciences nool Fina in the TI	Waterbury 7th grade- \$300 & list - Medallion nermo Fisher Scien anogaster	trophy
* Life Scie * Petit Far * Alexion * Thermo for sele */Pestport Greens for Science * The s	at Chase Lisa 1 Re and Student(s) Ince Awards with willy Foundation Biotechnology / Fisher Scientificated top MS with will will be student(s) Farms Academy 3 Me Student(s)	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boen Women in Science Awards 4th Planc Junior Innovators Inners Mathieu Freemathylphenidate Treathylphenidate Treathylph	ehringer Ingelheim - e & Engineering Awa ce Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Stards Middle Scargade - trophy ination to compete Disease in Drosol Grade 12	Town Sciences nool Fina in the TI	Waterbury 7th grade- \$300 & alist - Medallion nermo Fisher Scien anogaster New Canaan	trophy
* Life Scie * Petit Far * Alexion I * Thermo for sele * Westport Greens F	at Chase Lisa 1 Re and Student(s) Ince Awards with willy Foundation Biotechnology Arisher Scientificated top MS with a student(s) Student(s) Farms Academy 1 Th	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boen Women in Science Awards 4th Planc Junior Innovators Inners Mathieu Freemathylphenidate Treathylphenidate Treathylph	ehringer Ingelheim -ee & Engineering Awace Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Stards Middle Scargade - trophy ination to compete Disease in Drosol Grade 12	Town Sciences nool Fina in the TI ohila Mel Town	Waterbury 7th grade- \$300 & alist - Medallion nermo Fisher Scien anogaster New Canaan	trophy
* Life Scie * Petit Far * Alexion I * Thermo for sele * Westport Greens F 3007 LS * Use Stroke Greens F * Greens F	at Chase Lisa 1 Re and Student(s) Ince Awards with will a Foundation Biotechnology of Fisher Scientificated top MS with a Student(s) Farms Academy 1 The Student(s)	ducing Lycorma ded Food Shortages. Besjana Veliu th support from Boen Women in Science Awards 4th Place Junior Innovators nners y Mathieu Freemathylphenidate Treathylphenidate Treathylp	ehringer Ingelheim -ee & Engineering Awace Biotechnology 7th Challenge Nom	Grade 7 1st Place- Life Scrads Middle Scrade trophy ination to compete Disease in Drosop Grade 12 Flies Locomotor D Grade 12	Essentia Town Sciences nool Fina in the TI Town ysfunctic Town	Waterbury 7th grade- \$300 & alist - Medallion nermo Fisher Scien anogaster New Canaan which was a second or a	trophy tific JIC

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] Award(s) [Project Title] Sponsor(s) Westport Greens Farms Academy Mathieu Freeman Novel Radiation Shielding for Radiation Therapy and Arabidopsis on Mars 5014 Student(s) Dylan Karpf Grade 7 Town Westport * Connecticut Science Fair Association Physical Science Awards --- 1st Place- Physical Sciences 7th Grade Ind. - \$300 & trophy * Pepsico Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion * Alexion Biotechnology Awards --- 1st Place Biotechnology 7th grade - \$300 & trophy * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners * Astronomical Society of Greater Hartford - The Charles Hammond Award for Excellence in Astronomy --- Junior Project-\$150, subscription to Sky and Telescope, ASGH membership and meeting invitation * Electric Boat Management Association Science and Engineering Research Awards --- Top Prize in Nuclear Energy -\$100 Cash for top project that has innovative nuclear applications * Demos R Us Awards --- \$150 Cash Award-- Clear Execution of Research- 7th Grade Westport Greens Farms Academy Mathieu Freeman 6086 Exploring the Efficiency of Mealworm Consumption of Plastic Using FTIR Spectroscopy Student(s) Zoe Monschein Grade 12 Town Norwalk Westport Greens Farms Academy Matthew Freeman Role of Protein Expression in Diatom Chain Formation 3013 Student(s) Charlotte Wagner Grade 12 Town Southport * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion Westport Greens Farms Academy Mathieu Freeman 3029 Effects of Culverts on Salt Marsh Tidal Choking, Biodiversity, and Soil Respiration Student(s) Jakob Zapanta Grade 12 Town Bridgeport Westport Staples High School Amy Parent The Effect of Diet Composition on the Growth and Development of Colorectal Cancer Tumors in the 3098 Drosophila Midgut Student(s) William Boberski Grade 11 Town Westport * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion Westport Staples High School **Amy Parent** Impact of organic fertilizers on soil microbial activity and carbon sequestration in baby lettuce 3136 LS Student(s) Tessa Cassell Grade 12 Town Westport * Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions ---HS Finalist - CSF Medallion Staples High School Amy Parent Westport 3064 The Effect of Diacetyl on Long-term Thermotolerance of Thermally Acclimated Breviolum minutum Student(s) Kendra Cheng Grade 11 Town Westport

[Proj#] [FCat] [Ho	hool] nors] [F	[Teacher] Project Title]	Sponsor(s)	Award(s)	
	igh School	-		. , ,	
3128 LS		e Effect of Activating A	ΓR-Kinase on Zγα	otic Stress, Surviv	/al, and DNA Damage
		Sara De Pinho	,	Grade 11	Town Westport
* Life Scien	ice Awards w	th support from Boehrin	ger Ingelheim	Finalist - Life Sc	ence Senior High - CSF Medallion
Westport Staples Hi	igh School	Julie Cantatore-Francis			
3036 LS		e Evaluation of Muscle	Function in C. ele	gans with DMD w	ith Varying Concentrations of Vitamin D
_	Student(s)	Nolan Francis		Grade 10	Town westport
Westport Staples Hi	igh School	Srividya Gorre			
6063 PS		rly Detection of Parkins	on's Disease usin	g a Computer Vis	ion Model
_		Shreyas Gorre		Grade 11	Town Westport
Westport Staples Hi	igh School	Amv Parent			
3103 LS	2 As	<u> </u>	rtificial Sweetener Morphology, and	s on Escherichia Oxidative Stress	Coli: Effects on Growth, Biofilm Formation
_	_	Annam Olasewere	1 37	Grade 11	Town Westport
Wilton Middlebrook	School Paig	je Randall			
5016 P7	_	NDING ENERGY CONT	ENT IN FOOD B	Y USING CALOR	IMETER
	Student(s)	Kanira Baskar		Grade 7	Town WILTON
	` '			Grade,	
* Connectic trophy		air Association Physical	Science Awards		ysical Sciences 7th Grade Individual -
trophy	cut Science Fa	air Association Physical	Science Awards		ysical Sciences 7th Grade Individual -
trophy	cut Science Fa			5th Place- Ph	ysical Sciences 7th Grade Individual -
Wilton Middlebrook	School Nan	cy Wakeham		5th Place- Ph	ysical Sciences 7th Grade Individual - Town Wilton
wilton Middlebrook	School Nan Wi	cy Wakeham reless Power Transfer - Ishan Chugh	Future of Energy	5th Place- Ph Grade 7	
wilton Middlebrook 5010 P7 * Office of N	School Nan William Student(s)	cy Wakeham reless Power Transfer - Ishan Chugh	Future of Energy	5th Place- Ph Grade 7	Town Wilton
trophy Wilton Middlebrook 5010 P7 * Office of N	School Nan 3 Wi Student(s) Naval Researd School Allis	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea	Future of Energy rine Corps Mi tus Mycelium with	Grade 7 ddle School- Cert	Town Wilton ificate, \$25 gift card given by CSEF
trophy Wilton Middlebrook 5 5010 P7 * Office of N Wilton Middlebrook 5	School Nan 3 W Student(s) Naval Researd School Allis 1 Gr	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea	Future of Energy rine Corps Mi tus Mycelium with	Grade 7 ddle School- Cert	Town Wilton ificate, \$25 gift card given by CSEF
trophy Wilton Middlebrook 5 5010 P7 * Office of N Wilton Middlebrook 5	School Nan 3 W Student(s) Naval Researd School Allis 1 Gr	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea Create Biodegradable A	Future of Energy rine Corps Mi tus Mycelium with	Grade 7 ddle School- Cert Full Synthetic Enersede Environm	Town Wilton ificate, \$25 gift card given by CSEF gine Lubricant entally-Harmful Substances
trophy Wilton Middlebrook : 5010 P7 * Office of N Wilton Middlebrook : 1014 LT	School Nan 3 Wi Student(s) Naval Researd School Allis 1 Gr to Student(s)	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea Create Biodegradable A Arav Gupta Gopika Kaimal	Future of Energy rine Corps Mi tus Mycelium with	Grade 7 ddle School- Cert Full Synthetic Entersede Environm Grade 8 Grade 8	Town Wilton ificate, \$25 gift card given by CSEF gine Lubricant entally-Harmful Substances Town Wilton
trophy Wilton Middlebrook : 5010 P7 * Office of N Wilton Middlebrook : 1014 LT * Life Scien	School Nan 3 Wi Student(s) Naval Researd School Allis 1 Gr to Student(s)	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea Create Biodegradable A Arav Gupta Gopika Kaimal	Future of Energy rine Corps Mi tus Mycelium with	Grade 7 ddle School- Cert Full Synthetic Entersede Environm Grade 8 Grade 8	Town Wilton ificate, \$25 gift card given by CSEF gine Lubricant entally-Harmful Substances Town Wilton Town Wilton
trophy Wilton Middlebrook 3 5010 P7 * Office of N Wilton Middlebrook 3 1014 LT * Life Scien	School Nan 3 Wi Student(s) Naval Researd School Allis 1 Gr to Student(s) ace Awards wi School Paig 3 Th	cy Wakeham reless Power Transfer - Ishan Chugh ch- U.S. Navy / U.S. Ma on Norful owing Pleustrus Ostrea Create Biodegradable A Arav Gupta Gopika Kaimal th support from Boehringe Randall	Future of Energy rine Corps Mi tus Mycelium with Alternatives to Sup	Grade 7 ddle School- Cert Full Synthetic Enersede Environm Grade 8 Grade 8 Grade 8 3rd Place- Life S	Town Wilton ificate, \$25 gift card given by CSEF gine Lubricant entally-Harmful Substances Town Wilton Town Wilton

[SchTown] [Proj#] [FCat]	[School]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Wilton Middlebr		Debbie Mallozzi	оронзон(з)	Awaru(5)		
2504 L8	2		aths to Prolong Food	l Freshness: A Stra	tegy for	Mitigating Bacterial Growth and
	Student	(s) Nadia Khan	ugo	Grade 8	Town	Wilton
Wilton Middlebr	ook School	Janica Bagosy				
5510 P8	1	Burnt: A web-based a	application to help ad	olescents self-asse	ess and s	seek help for stress and poor menta
	Student	t(s) Jackson Norful		Grade 8	Town	Wilton
* Conn troph		e Fair Association Phy	sical Science Award	s 4th Place- Ph	ysical S	ciences 8th Grade Ind
* Infosy * Alexid	ys Foundation on Biotechnolo	al Biology and Bioinfor Computer Science Av ogy Awards Finalis	ards 3rd Place N	Middle School- \$10	0, Troph	
		Paige Randall			.,	
1022 LT	2 Chudout		sed coffee be used a			than a chemical fertilizer?
	Student	t(s) Vidit Prabhu Mateo Arizu		Grade 7 Grade 7		Wilton Wilton
Wilton Middlebr	rook School	William Desroches				
1017 LT	1	BEAT THE PEAT - P	ICE HUSK, THE SU	STAINABLE AND E	CO-FRI	ENDLY ALTERNATIVE TO PEAT
	Student	(s) Kabir Rokkam		Grade 7	Town	WILTON
		Shushruth Balaj	i	Grade 7	Town	Wilton
troph * Enviro 1st P. * Alexio * Thern	ny onmental Scie lace MS - \$300 on Biotechnolo	ences Awards with Cor , Trophy ogy Awards 2nd Pl entific Junior Innovator	necticut Association ace Biotechnology 7	of Conservation an	d Inland	MS Team- \$150 each & Wetlands Commissions hermo Fisher Scientific JIC
	igh School N	Nikolas D'Agnese				
6008 PS	1	Fiscatch: A Phishing	Detection Website			
	Student	t(s) Rohil Jain		Grade 12	Town	Wilton
Indiv	ridual - Plaque	e Fair Association Phye e ecker Applied Technolo			-	ciences Senior High

[SCN10WI	nj [ຣ _໌ [FCat] [H	cnooij operel	[Project Title]	Sponsor(s)	Award(s)			
		_		Sponsor(s)	Awaru(s)			
	Wilton High	School M	latthew Hoyt					
3059	LS	1	A Novel Al-Driven Ap				•	
		Student(s) Shriya Natarajar	1	Grade 10	Town	Wilton	
	* Pfizer Co * Environn HS Fina	omputationa nental Scier dist - CSF M	s with support from Bo al Biology and Bioinfo nces Awards with Cor fedallion Science Award F	rmatics Awards S nnecticut Association	Senior High Finalist of Conservation an	- Medall Id Inland	ion Wetlands Comm	·
Wilton \	Wilton High	School M	latthew Hoyt					
3065	LS	2	The Influence of Nat	ural and Man-Made S	Substrata on Intertic	lal Comr	nunity Structure	
		Student(s) Nandan Raman		Grade 11	Town	Wilton	
	* Society f	or In Vitro E	Biology Certificate	and \$25 gift card give	en by CSEF			•
Wilton \	Wilton High	School S	andra Tallman					
6506	PST	2	Mathematically Mode Storage Power Plant		a Hydraulic RAM F	Pump for	Optimal Utilizatio	n in a Pump
		Student(s) Aiden Sharp		Grade 11	Town	Wilton	
		·	Caleb Sharp		Grade 11	Town	Wilton	
	•							
Windsor	Academy	of Aerospa	ace and Engineering	Michelle Bellinger				
6524		2	The Effect of Spatial		s in a Three-Dimens	sional So	olar Tower	
		Student(s) Jair Andrew		Grade 10		Ellington	
		·	Sriraam Sundar	araman	Grade 10		Newington	
	* Energize	CT Future	Sustainability Awards	High School Fin	alist - Medallion			
Windsor	Academy	of Aerospa	ce and Engineering	Michelle Bellinger				
6028	PS	3	Investigations into th	=	Vater Quality and S	ocial Ine	equity.	
		Student(s) Constanza Barri		Grade 10		Hartford	
	* D-#4 E		•	•	anda Ulab Oala	-1 Fin-1	-	•
	" Petit Far	niiy Founda	tion Women in Sciend	ce & Engineering Aw	ards High Scho	oi Finaii	st - Medaillon	
Windsor	Academy	of Aerospa	ce and Engineering	Michelle Bellinger				
6009	PS	1	Reinforcing the Cybe Monitoring Technolo		Data via Software 0	Countern	neasures against	Malware in Heart
		Student(s) Sujay Chava	-	Grade 11	Town	Ellington	
	Medallid * Stanley I * Infosys F * Pepsico	on Black & Dec Foundation Engineering	e Fair Association Phy cker Applied Technolo Computer Science Av g Awards Finalist	ogy Awards 3rd F vards Senior Hig - Engineering High S	Place High School - h Finalist - Medallio School - CSF Medal	\$ 200 ar n lion	nd Plaque, Medall	ion
	Science	- Co-Op \$	cticut - Early College 100 Gift Certificate	·		xperien	ce Program: Fror	itiers in
	* Zepke A	wards 🖇	\$125 - For the Best Us	se of Electronic Circu	itry- Senior High			

[SchTown	_	[School]	[Teacher]				
[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)		
Windsor	Acade	my of Aerosp	ace and Engineering	Michelle Bellinger			
6002	PS	1	Integrating Piezoeled	ctric Sensors and Pho	otovoltaic Material ir	n an Arti	ficial Energy-Harvesting Model Tree
		Studen	t(s) Laasya Chintap	alli	Grade 11	Town	Farmington
	Meda	allion			_		ences Senior High - CSF
			ecker Applied Technolo				Sook and Blazus
			ative & Renewable End Section \$100 Hon		Place High School	- \$300 (Sash and Plaque
	* Socie	ty of Women	Engineers - Hartford S	Section Scientific			
	* Jon S	tone Memori	al Award Jon Ston	e Award for Innovativ	e Engineering- \$100	0	
Windsor	Acade	my of Aerosp	ace and Engineering	Michelle Bellinger			
2003	L7	1	The Study Of Novel Ultraviolet (UV) Gerr	Toothbrush Cleaning nicidal Light And Mou	Methods To Decrea	ase Bac	terial Surface Growth Using
		Studen	t(s) Ana-Marlene Da	vis	Grade 7	Town	Broad Brook
	* Life S * Alexid	cience Award on Biotechnol	ds with support from Boogy Awards Finalis	oehringer Ingelheim st - Biotechnology 7h	2nd Place- Life S grade - CSF Medal	Science: lion	s 7th grade- \$200 & trophy
Windsor	Acade	my of Aerosp	ace and Engineering	Michelle Bellinger			
4019	PT	1	Using Vortex Hydrop	ower Turbines to Ha	rvest Electrical Ener	rgy	
		Studen	t(s) Marcus Davis		Grade 8	Town	Broad Brook
			Dylan Gao		Grade 7	Town	Coventry
	* Energ	tics And Beyo	ative & Renewable Endond Middle School	- For excellence in e	ngineering design; \$		on vard Robotics And Beyond
Windsor	Acade	my of Aerosp	ace and Engineering	Michelle Bellinger			
3004	LS	1	Therapeutic Potentia Surface Antigen 2 (T	of Antibody Drug C	onjugates Targeting	The Ex	pression of Trophoblast Cell-
		Studen	t(s) Ana-Lois Davis	ROP-2) On Fight Gra	Grade 12		Broad Brook
			` '				
	* The J 2nd	ackson Labo Place High S	ratory with Connecticut chool - \$300 and Plaqu	Academy of Science ie, Medallion	e and Engineering U	Jrban So	enior High - CSF Medallion chool Challenge Awards
			ogy Awards 3rd Pl				and Creativity For
	Exce	ellence in Cre	ativity and Innovation b	by a High School stud	lent, \$100 cash	iovation	and Creativity For
Windsor	Acade	my of Aerosp	ace and Engineering	Michelle Bellinger			
6515	PST	1	The Effect of Surface	e Texture on the Effic	iency of a Spoiler (a	airfoil) in	Formula 1 Race Cars.
		Studen	t(s) Willard Davis		Grade 10	Town	Broad Brook
			Peter Davis		Grade 10	Town	Broad Brook
	Meda	allion			•		ences Senior Team - CSF
			ratory with Connecticu list - Medallion	Academy of Science	anu Engineering C	יוטמוו ס(chool Challenge Awards

Winning Projects

[SchTown		[Teacher]	C======(=)	Association	
[Proj#]	[FCat] [Honors]	[Project Title]	Sponsor(s)	Award(s)	
Windsor	Academy of Aerospa	ce and Engineering	Michelle Bellinger		

Student(s) Namyanzi Edwards Grade 11 Town New Britain

* Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion

Optimizing Laterite Soil Microbial Fuel Cells for Community-Centric Electricity Generation in Tropical

- * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---Senior High Finalist - Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- High School Finalist Medallion
- * EnergizeCT Future Sustainability Awards --- 2nd Place High School \$300 Cash and Plaque
- * Society for In Vitro Biology --- Certificate and \$25 gift card given by CSEF

Underdeveloped Regions

- * IEEE, Connecticut Section --- \$250 Honors Award -Senior
- * GENIUS Olympiad --- GENIUS Olympiad Competition for HS Environmental, Energy, Ecology, or Biodiversity Project
- * The Community Foundation for Greater New Haven Ecology, Environmental, and Alternative Energy Research Prize
 --- Urban Public School Environmental / Energy Award \$250
- * University of Connecticut Academic Excellence Scholarship --- Academic Excellence Scholarship (amount undefined) to a junior)

Windsor A	Academy of Aerospace	and Engineering	Michelle Bellinger			
6079	PS 2 Us	ing Biomimicry to	Harvest Energy from the Sinusoidal Mot	ion of an	Eel	
	Student(s)	Vikram Haran	Grade 11	Town	Ellington	_

- * Stanley Black & Decker Applied Technology Awards --- Senior High Finalist Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- 1st Place High School \$500 Cash and Plaque
- * EnergizeCT Future Sustainability Awards --- 1st Place High School Plaque & \$700 Stipend to Compete at GENIUS Olympiad
- * GENIUS Olympiad --- GENIUS Olympiad Competition for1st Place HS Future Sustainability

Windsor	Academy	of Aeros	pace and Engineering Michelle Bellinger
4011	PT	2	Using Piezoelectric Sensors to Harvest Energy from Automobile Tires and the Road Surface

Student(s) Palaniappan Manikandan Grade 8 Town Ellington

Duke Clottey Grade 8 Town Hartford

- * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards --1st Place Middle School \$300 and Trophy, Medallion
- * EnergizeCT Alternative & Renewable Energy Awards --- 3rd Place Middle School \$100 Cash and Trophy
- * EnergizeCT Future Sustainability Awards --- 1st Place Middle School \$300 Cash and Trophy
- * Connecticut Academy of Science and Engineering Middle School Urban School Challenge Award --- Urban School Challenge 1st MS- \$250 Cash Award, Invite to attend CASE's Annual Meeting
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$25 gift card given by CSEF
- * Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners
- * IEEE, Connecticut Section --- \$100 Honorable Mention
- * The Community Foundation for Greater Hew Haven's Milton Fisher Awards for Innovation and Creativity --- For Excellence in Creativity and Innovation by a Middle School student, \$100 cash
- * Urban School Challenge 1st Place Middle School Awards --- USC Highest Placing 8th grader GENIUS Olympiad Competition with stipend (421)
- * Jon Chapitis Memorial Award --- Jon Chapitis Spirit of Innovation Award MS \$100
- * GENIUS Olympiad --- GENIUS Olympiad Competition for Highest Placing USC 8th grade Project

3054

[SchTown	•	[School]	[Teacher]			
[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)	
Windsor	Acade	my of Aerospac	e and Engineerir	ng Michelle Bellinger		
4004	PT	2	Integrating Peltor	n Turbines Into Industrial F	ipes to Harvest E	nergy
		Student(s	a) Aaditya Sadi		Grade 8	Town Ellington
			Roshan Kum	nar	Grade 8	Town Ellington
	* Energ * Energ	izeCT Alternati izeCT Future S	ve & Renewable sustainability Awa		lace Middle Scho School - \$200 Ca	
Windsor	Acade	my of Aerospac	e and Engineerir	ng Michelle Bellinger		
4001	PT		Combining Optications	al Wireless Communicatio	ns (OWC) and Ne	euromorphic Architecture for Large-Scale
		Student(s) Rithvik Sure	n	Grade 8	Town Ellington
			Aarav Chevv	a	Grade 8	Town Ellington
	* Office * Therm	s Foundation C of Naval Rese	arch- U.S. Navy <i>i</i> tific Junior Innov		iddle School- Cert	0, Trophy tificate, \$25 gift card given by CSEF in the Thermo Fisher Scientific JIC
Windsor	The Lo	omis Chaffee S	School Koby Os	sei-Mensah		
6044	PS		A Deep Semi-Su Encephalo Graph		zation Approach f	or Epileptic Seizure Prediction using Ele
		Student(s	s) Sunwoo An		Grade 9	Town Seoul
	Indivi * Stanle * Pepsi * Alexic	idual - \$300 & F ey Black & Decl co Engineering on Biotechnolog Aero Engines N	Plaque ker Applied Tech Awards 1st y Awards 2n	nology Awards Senior Place- Engineering Senior d Place Biotechnology Se	High Finalist - Me High- \$500 & plac nior High - \$300 &	que,
Windsor	The Lo	omis Chaffee S	School Koby Os	sei-Mensah		
6089	PS	2	Synthesis of Nov	el Calixarenes for Detection	on of lons.	
		Student(s	s) Guo Chen		Grade 11	Town Windsor
Windsor	The Lo	omis Chaffee S	School Koby-Me	ensah Osei		
3018	LS	1	Addressing Data	Imbalance in Plant Diseas	e Recognition thre	ough Contrastive Learning
		Student(s	s) Bryan Chung	3	Grade 11	Town Middlebury
	* Life S	cience Awards	with support fron	n Boehringer Ingelheim	- Finalist - Life Sc	sience Senior High - CSF Medallion
Windsor	The Lo	omis Chaffee S	School Koby Os	sei-Mensah		
3051	LS	1	Influence and impabsorption, and r	olications of different strain norphology of mycelia bio-	ns and growth med scaffolds	dia on the chemical properties, water
		Student(s	e) Eli Krasnoff		Grade 11	Town Mill Valley
	* Life S	cience Awards	with support fron	n Boehringer Ingelheim	- Finalist - Life Sc	cience Senior High - CSF Medallion

Winning Projects

0007 DO	nis Chaffee School Koby Osei-Mensah						
6027 PS	2 Analog Neuron Circuit with Oscillatory Fir	ring					
	Student(s) Kenneth Lee	Grade 11 Town Windsor					
Vindsor The Loom	nis Chaffee School Koby Osei-Mensah						
3084 LS		udy of Tough Hydrogel for Bioadhesive Applications					
2001 20	Student(s) Jessica Luo	Grade 12 Town Newark					
* Life Scien		Finalist - Life Science Senior High - CSF Medallion					
Life Ocie	Tice Awards with support from Doerlinger ingenierin	Tillalist - Life Science Serilor Flight - CST Medalilon					
	nis Chaffee School Koby Osei-Mensah						
6049 PS	2 Talent vs. Luck: Success in a Capitalistic	•					
-	Student(s) Kai Masujima	Grade 9 Town Windsor					
Vindsor The Loom	nis Chaffee School Koby Osei-Mensah						
3090 LS	2 Enhanced Therapeutic Recovery Gloves	Designed for Spondylosis Rehabilitation					
	Student(s) Gracie Shen	Grade 10 Town West Hartford					
	nis Chaffee School Koby Osei-Mensah						
6012 PS	Machine Learning Approach for Estimating Razor Kinematic Variables MR and Rsq in Supersymmetr Proton Collision Searches						
	Student(s) Idil Türkmen	Grade 11 Town Mersin					
* Infosys F	Foundation Computer Science Awards Senior Hig	gh Finalist - Medallion					
Vindsor The Loom	nis Chaffee School Koby Osei-Mensah						
3094 LS	The Efficacy of Vitamin D on prevention a	and treatment of Covid-19					
	Student(s) Zhao Yang Calvin Weng	Grade 9 Town New York City					
Manadhulana Austri	Designed High Orbert Codhaidea Bireitalli						
	Regional High School Catherine Piscitelli	view and Oceania Currents on the Stability and Formation of					
3053 LS	3 Effects of Changes in Atmospheric Behaven Antarctic Sea Ice (ASI) over the Next Cer	vior and Oceanic Currents on the Stability and Formation of ntury					
	Student(s) Vishwa Balamurugan	Grade 12 Town Orange					
	Regional High School Catherine Piscitelli						
0010 00	Creation of an Environment-Adaptive Rea Actuator to Provide a Sense of Pseudo-E	action Algorithm Implemented on a Novel Smart Fluidic Serv Exproprioception and Exteroception					
6010 PS	0. 1. 1/ \ 4.1111.51.11	Grade 12 Town Orange					
6010 PS	Student(s) Aditi Bhattamishra	didde 12 Town Grangs					

* Wisner Memorial Award --- \$ 1000 cash + Silver Bowl (\$2000 cash if a team) High School

		FT 1 7				
	ichool]	[Teacher]				
[Proj#] [FCat] [H	lonors] [F	Project Title]	Sponsor(s)	Award(s)		
oodbridge Amity	/ Regional High	School Catherin	ne Piscitelli			
6041 PS				termine Their Use in	n Nucleopeptide Solid Pha	se Peptide
	Sy	nthesis				·
	Student(s)	Mia Bierowski		Grade 12	Town Orange	
Voodbridge Amity	/ Regional High	School Catherin	ne Piscitelli			
6091 PS	2 De			e Finish Effect on Si	ignal Loss at High Frequer	ncy (5g/6g)
	Student(s)	Luke Chang		Grade 12	Town Orange	
* Stanley	Black & Decke	r Applied Technolo	gy Awards Seni	or High Finalist - Me	edallion	
Voodbridge Amity	/ Regional High	School Catherin	ne Piscitelli			
3040 LS			generation: A Novel A cal-Sized Bone Defe		jectable Hydrogel for Enha	anced
	Student(s)	Haseeb Chaudhr	ry	Grade 12	Town Orange	
				4th Place- Life S	Sciences Senior High- Plac	lue
Woodbridge Amity	/ Regional High	School Catherin	ne Piscitelli			lue
	/ Regional High	School Catherin	ne Piscitelli s of Urbanization on	the Health of Fores	ts	jue
Woodbridge Amity	/ Regional High	School Catherin	ne Piscitelli s of Urbanization on			jue
Voodbridge Amity	/ Regional High	School Cathering the Effects Gregory Hofstati	ne Piscitelli s of Urbanization on ter	the Health of Fores	ts	jue
Voodbridge Amity	/ Regional High 2 Ex Student(s) / Regional High	School Cathering the Effects Gregory Hofstatt School Cathering	ne Piscitelli s of Urbanization on ter ne Piscitelli	the Health of Fores Grade 12	ts	
Voodbridge Amity 3049 LS Voodbridge Amity	/ Regional High 2 Ex Student(s) / Regional High 2 De	a School Cathering amining the Effects Gregory Hofstatt School Cathering eveloping and Testion	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil	the Health of Fores Grade 12	ts Town Woodbridge	
Voodbridge Amity 3049 LS Voodbridge Amity 6020 PS	/ Regional High 2 Ex Student(s) / Regional High 2 De Ge Student(s)	a School Cathering amining the Effects Gregory Hofstatt School Cathering eveloping and Testion eneral Aviation Alejandro Huber	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil	the Health of Fores Grade 12 Utilizing Computation Grade 12	ts Town Woodbridge onal Fluid Dynamics to Imp Town Woodbridge	
Woodbridge Amity 3049 LS Woodbridge Amity 6020 PS * America	/ Regional High 2 Ex Student(s) / Regional High 2 De Ge Student(s)	a School Cathering amining the Effects Gregory Hofstatt School Cathering eveloping and Testion Eneral Aviation Alejandro Huber eronautics & Astron	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu	the Health of Fores Grade 12 Utilizing Computation Grade 12	ts Town Woodbridge onal Fluid Dynamics to Imp Town Woodbridge	
Noodbridge Amity 3049 LS Noodbridge Amity 6020 PS * America	Regional High Regional High Regional High Regional High Student(s) Regional High Regional High Regional High Regional High	a School Cathering amining the Effects Gregory Hofstatt a School Cathering eveloping and Testion eneral Aviation Alejandro Huber eronautics & Astronautics & Astronautics & Cathering School Cathering	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu	the Health of Fores Grade 12 Utilizing Computation Grade 12 t Section \$200 a	ts Town Woodbridge onal Fluid Dynamics to Imp Town Woodbridge	plement Into
Woodbridge Amity 3049 LS Woodbridge Amity 6020 PS * America	Regional High Regional High Regional High Student(s) Student(s) In Institute of Adv Regional High Regional High Decorated Adv	a School Cathering amining the Effects Gregory Hofstatt School Cathering eveloping and Testion Alejandro Huber eronautics & Astronomy School Cathering School Cathering termining The Effe	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu	the Health of Fores Grade 12 Utilizing Computation Grade 12 t Section \$200 a	ts Town Woodbridge onal Fluid Dynamics to Imp Town Woodbridge award, certificate	plement Into
Noodbridge Amity 3049 LS Noodbridge Amity 6020 PS * America Noodbridge Amity 3070 LS	Regional High Student(s) Student(s)	a School Cathering amining the Effects Gregory Hofstatt a School Cathering eveloping and Testion Alejandro Huber eronautics & Astronomy School Cathering School Cathering termining The Effetganoid Models Youlmin Lee	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu ne Piscitelli ect of ASD-Associate	the Health of Fores Grade 12 Utilizing Computation Grade 12 t Section \$200 and Gene GBX2 Defice	ts Town Woodbridge Donal Fluid Dynamics to Imp Town Woodbridge award, certificate Diency on Thalamic Differe	plement Into
Noodbridge Amity 3049 LS Noodbridge Amity * America Noodbridge Amity 3070 LS Noodbridge Amity	Regional High Regional High Regional High Regional High Student(s) Regional High Regional High Student(s) Regional High Regional High Regional High	a School Catherinamining the Effects Gregory Hofstatt School Catherinate Present Aviation Alejandro Huber Bronautics & Astronation Catherinate Present Catherinate Catherina	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu ne Piscitelli ect of ASD-Associate	the Health of Fores Grade 12 Utilizing Computation Grade 12 t Section \$200 and Gene GBX2 Defice Grade 11	Town Woodbridge Donal Fluid Dynamics to Imp Town Woodbridge award, certificate Diency on Thalamic Differe Town Woodbridge	olement Into
Woodbridge Amity 3049 LS Woodbridge Amity 6020 PS * America	Regional High Regional High Regional High Regional High Student(s) Regional High Regional High Student(s) Regional High Regional High Regional High	a School Cathering amining the Effects Gregory Hofstatt School Cathering and Testion Alejandro Huber Peronautics & Astronom School Cathering The Effects School Cathering The Effects School Models Youlmin Lee School Cathering School Cather	ne Piscitelli s of Urbanization on ter ne Piscitelli ing a Laminar Airfoil nautics - Connecticu ne Piscitelli ect of ASD-Associate	the Health of Fores Grade 12 Utilizing Computation Grade 12 t Section \$200 and Gene GBX2 Defice Grade 11	ts Town Woodbridge Donal Fluid Dynamics to Imp Town Woodbridge award, certificate Diency on Thalamic Differe	plement Into

[SchTown] [Proj#] [FCat]	[School] [Honors]	[Teacher] [Project Title] Sponsor(s)	Award(s)		
Woodbridge Ar	nity Regional Hi	gh School C	atherine Piscitelli			
6503 PST			of a Novel Spray Mechanis enic Fungal Miticide in Bee			
	Student(s	s) Sophia Me	ssina	Grade 11	Town	Woodbridge
		Nikhil Petr	ov	Grade 11	Town	Woodbridge
3rd F * Unive	Place HS- \$200, Persity of Hartford	laque Scholarships	th Connecticut Association University of Hartford 000 (\$7,500/year)			Wetlands Commissions e in Engineering or
Woodbridge Ar	nity Regional Hi	gh School C	atherine Piscitelli			
3133 LS	1	Determining th Pupation of An	e Effects of Moisture Cont oplophora glabripennis	ent in Artificial Diet o	n the Su	rvival, Growth, Development, and
	Student(s	s) Sabrina O	sowiecki	Grade 11	Town	Orange
* Life S * Petit	Science Awards Family Foundati	with support fr ion Women in	om Boehringer Ingelheim Science & Engineering Aw	Finalist - Life Sci ards High Schoo	ence Se ol Finalis	enior High - CSF Medallion st - Medallion
Woodbridge Ar	nity Regional Hi	gh School C	atherine Piscitelli			
6001 PS	2	Developing an Social Network	NLP-based Web Applicati s for More Sustainable Co	on to Evaluate Environments	onmenta	al Social Governance (ESG) from
	Student(s	s) Aarav Pate	el	Grade 12	Town	Orange
Woodbridge Ar	mity Regional Hi	gh School C	atherine Piscitelli			
3127 LS			e Location and Effect of E _l cer Tumor in Mice Model	oigenetic Changes L	eading t	o Mutations in the DNA Sequence
	Student(s	s) Dariush Ra	aissi	Grade 11	Town	Woodbridge
Woodbridge Ar	nity Regional Hi	gh School C	atherine Piscitelli			
6098 PS			actions Between the Neoc g a Hierarchical Temporal I			During Temporal Sequential vork
	Student(s	s) Annika Yu	n	Grade 12	Town	Orange
Med * Pfize	allion r Computational	Biology and E	on Physical Science Awards	1st Place High School	ol - \$500), Plaque
			0 Honorable Mention		un	
Woodbridge Ar	mity Regional Hi	gh School C	atherine Piscitelli			
3115 LS	2	Analyzing muta order to identif	ations of the Spike protein y correlations with their pre	of COVID omicron so evalence in the Unite	ubvariar d States	nts XBB and EG from their origin in
	Student(s	s) Jasir Zafaı		Grade 11	Town	Orange