

Connecticut Science & Engineering Fair Quinnipiac University March 6 - 18, 2023

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	Avon High S	chool John S	alerni				
312	26 LS	2 Dis	scovery of novel therapeutic ta	rgets and pathways for acut	e kidney	injury using prote	omics
		Student(s)	Jack Wang	Grade 11	Town	Avon	
Avon	Farmington \	/alley Academ	•				
101	17 LT		hat's in Our Water?				
		Student(s)	Catherine Hogan	Grade 7		Farmington	
			Gracie Bennett	Grade 8	Town	Farmington	
Avon	Talcott Moun	ntain Academy	Dr Brigette Zacharczenko				
200	02 L7	2 Sh	ining light on cricket growth				
		Student(s)		Grade 7	Town	new hartford	
Avon	Talgett Maur	stain Agadamy	Hannah Manya				
Avon		ntain Academy		ation in Deinking Mateur Tha	Datastia	l of Consent Fiber	
551	11 P8	1 Mi	tigating the Threat of Micropla oconut Charcoal as Sustainabl	e Filtration Materials	Potentia	of Coconut Fiber	and Activated
		Student(s)	Rhea Doshi	Grade 8	Town	Farmington	
	& trophy * Pepsico * Quinnipi Student * Thermo for selection	y Engineering A ac University S t Fisher Scientifi cted top MS wi of Women Eng	air Association Physical Science wards 1st Place- Engineer scholarships \$30,000, 4 year c Junior Innovators Challenge nners ineers - Hartford Section Secured Jon Stone Award for	ring Middle School- \$300 & to ar scholarship (\$7,500 per y Nomination to compete Scientific Calculator	rophy ear) to C in the TI	Quinnipiac Univers	ity for MS
Avon	Talcott Moun	tain Academy	Doctor Brigette Zacharczeni	(0			
202	26 L7	1 W	hat Color Light Is A Cockroach	's Favorite?			
		Student(s)	Yveson Hsiao	Grade 7	Town	Farmington	
	* Life Scie	ence Awards w	th support from Boehringer In	gelheim 3rd Place- Life S	Sciences	7th grade- \$100	& trophy
Avon	Talcott Moun	ntain Academy	John Pellino				
253	30 L8	3 Do	es reaction time differ based of	on the amount candy you eat	:?		
		Student(s)	Ilana Mezheritskiy	Grade 8	Town	Avon	
Avon	Talcott Moun	ntain Academy	Dr.Brigette Zacharczenko				
251			itural Plant Dyes				
			Alaina Ryan	Grade 8	Town	Granby	

[SchTow [Proj#	_	[School] [Honors]	[F	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Avon	Talcott M	ountain Acad	demy	Brigette Zacha	rczenko				
2010	L7	2	Sh	ould You Buy Gr	ow Lights?				
		Stude	nt(s)	Justin Xu		Grade 7	Town	West Hartford	
	* Enerç	gizeCT Futur	e Sus	stainability Award	s Middle School F	inalist - Medallion			
Bethel	Bethel H	ligh School	Ray	Turek					
6046	PS	3	Le En	ague of Legends vironment from F	Esports AI: Training a Professional Human Ex	Machine Learning perience	Model ir	n a Dynamic Gam	eplay
		Stude	nt(s)	Mashnoov Cho	wdhury	Grade 11	Town	Bethel	
		ersity of New			Place High School- \$5 vards University of		r scholar	rship - \$96,000 (\$:	24,000 per
Bethel	Bethel H	ligh School	Mr. I	Raymond Turek					
3052	LS	3			tion of Contact lens us zyme Protein Build-up		of Times	s Saline Solution i	s Changed Affect
		Stude	nt(s)	Zoe Demo		Grade 11	Town	bethel	
Dathal	Dathall	liah Cahaal	Davi	Tunale					
Bethel 3094		ligh School		Turek	nunication via Plant/No	on-Plant Volatile Or	ganic Co	ompounds (VOC)	when under
0034		<u> </u>		erbivory stress	Transcation via Frantivio	on-i lant volatile or	gariic Ot		when under
		Stude	nt(s)	Juliana Habshe	ey .	Grade 11	Town	Bethel	
Bethel	Bethel H	ligh School	Mr.	Turek					
3006	LS	3	Us Wi	sing a C++ Game ith Plants and the	Engine to Create an In Resulting Carbon Foo	nteractive Model of	The Inte	eractions Betweer	Ants or Worms
		Stude		Samantha Sch	•	Grade 12	Town	Bethel	
	* Petit	Family Foun	datior	n Women in Scier	nce & Engineering Awa	ards High Scho	ol Finali	st - Medallion	•
Bethel	Bethel H	ligh School	Ray	mond Turek					
3035	LS	3	Qı Po	uest for Creating Solymerized Compo	Sustainable and Safe I ounds, and Monomeriz	Nail Extensions: The ation of Acrylic	e Ambei	rization of Tree Re	esin, Bio-Based
		Stude	nt(s)	Simar Soni		Grade 11	Town	Bethel	
			_						
Bethel		ligh School		Turek	Sauraa Drawantian				
6072	PS	2 Stude		Brendon Spies	Course Prevention	Grade 12	Town	Bethel	
			(0)			GIUUC IL	. 5 1111		
Bethel	Bethel H	ligh School	Mr.	Raymond Turek					
3116	LS	3	Th	e Impact of Pesti	cide legislation on the	risk of Gastroschisi	s Materi	nal Birth Defects	
		Stude	nt(s)	Hannah Stowel	I	Grade 11	Town	Bethel	

[SchTown] [Proj#] [FCat	[School]] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Bethel Bethel	High School Ra	y Turek				
3123 LS		he Relationship Betv	veen Virtual Reality	Activities and the Si	ide Effects Asso	ciated.
	Student(s)	Arielle Vassell		Grade 11	Town Bethel	
Bethel Bethel	Middle School J	lason Maxwell				
2533 L8	1 [D.E.R.M.A. (Dermatol	ogic Equipment for F	Rapid Medical Anal	ysis)	
	Student(s)	Toshan Bhattach	arya	Grade 8	Town Bethel	
* Con and * The for	necticut Science of invite to CSTA A rmo Fisher Scient selected top MS v	ward Banquet ific Junior Innovators	o's Marty Tafel Stude Challenge Nom	ent Research Award	I Life Science in the Thermo F	es 8th Grade - \$500
Bloomfield Ac	ademy of Internat	ional Studies Dr. D	avis			
5515 P8	3 F	lumans Living on Ma	rs by 2030			
	Student(s)	Brooklyn-Amaya	Thompson	Grade 8	Town Bloomf	ield
Bozrah Fields	Memorial School	Joshua Fish				
5505 P8	1 F	Porosity, Permeability s it Relates to Draina	Rates, and Water Mage Rock in the Exca	Novement Through	Various Comme	rcial Crushed Rock Sizes
	_	Leah Kozerefski		Grade 8	Town Gilman	
* Con trop		air Association Phys	sical Science Awards	s 4th Place- Ph	ysical Sciences	8th Grade Ind
		cs Awards 1st P	ace Middle School-	\$300 and Trophy		
		on Women in Science n Geoscientists				edallion
* Con	necticut College-F		•	• •		eshirt & \$25 Amazon
	rd from CSEF	gineers - Hartford Se	oction Scientific (Calculator		
300	lety of Women En	gilleers - Hartiord Se	Schon Scientific C	Jaiculatoi		
Bozrah Fields	Memorial School	Joshua Fish				
5512 P8	2	oes Air Pressure Aff	ect How Far A Socc	er Ball Travels In Ti	ne Air When Kic	ked?
	Student(s)	Tyler Savoie		Grade 8	Town Gilman	
* U.S * Den	. Air Force Ce nos R Us Award -	cs Awards 3rd P ertificate & USAF Me \$200 Cash Award orial \$500 John S	rchandise Package - Clear Execution of	Research- 8th Gra		ring - First Place
Bridegport Ha	arding High Schoo	I Dionne Cross				
6018 PS	3 T	he Effect of Using In	dophenol to Find Ou	t How Much Vitami	n C Different Kir	nds of Fruit Contains
	Student(s)	Philip Santiago		Grade 9	Town Bridger	port

		Project Title]	Sponsor(s)	Award(s)		
Bridgeport Bassick		<u> </u>				
6516 PST		l Absorption- Testing ills.	oil absorptivity and	identify the materi	al (sorbe	ents) that is most effective for o
	Student(s)	Brenda Ranzha		Grade 11	Town	Bridgeport
		Asly Alvarado		Grade 11	Town	Bridgeport
_		Shayla Lopez		Grade 11	Town	Bridgeport
Bridgeport Black Re	ock School	Tejas Godbole				
4003 PT	1 So	lar Powered Charge	r			
	Student(s)	Nilah DeJesus		Grade 8	Town	Bridgeport
		Karina Conde		Grade 8	Town	Bridgeport
Bridgeport Bridgep	ort Aquacultur	o Cantar - Kirk Sha				
3124 LS	-			machana as a Bioa	active Ar	ntiproliferative Compound
3124 LS	1 Uti			machana as a Bioa Grade 12		ntiproliferative Compound Fairfield
* Life Scien * The Jacks 2nd Plac	1 Uti Student(s) nce Awards wi son Laborator be High Schoo	Grace Kistner th support from Boel	ets of Cassiopea xa nringer Ingelheim - cademy of Science Medallion	Grade 12 Finalist - Life Sc	Town ience Se	
* Life Scien * The Jacks 2nd Plac * Otero Far	1 Utine Student(s) The Awards with son Laborator to the High School mily Award	Grace Kistner th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A	nringer Ingelheim - cademy of Science Medallion Award; \$250 cash	Grade 12 Finalist - Life Sc	Town ience Se	Fairfield enior High - CSF Medallion
* Life Scien * The Jacks 2nd Plac * Otero Far	1 Uti Student(s) nce Awards wi son Laborator be High Schoo mily Award ort Aquacultur	Grace Kistner th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A	nringer Ingelheim -cademy of Science Medallion Award; \$250 cash	Grade 12 Finalist - Life Sc and Engineering U	Town ience Se Irban Sc	Fairfield enior High - CSF Medallion
* Life Scien * The Jacks 2nd Plac * Otero Far Bridgeport Bridgep	1 Uti Student(s) nce Awards wi son Laborator be High Schoo mily Award ort Aquacultur	th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A Te Center Kirk Shace Novel Multi-Trophic Easte Treatment Outfle	nringer Ingelheim -cademy of Science Medallion Award; \$250 cash	Grade 12 Finalist - Life Sc and Engineering U	Town ience Se Irban Sc Source,	Fairfield enior High - CSF Medallion chool Challenge Awards
* Life Scien * The Jacks 2nd Plac * Otero Far Bridgeport Bridgeport 6082 PS * The Jacks	1 Uti Student(s) nce Awards wi son Laborator ce High Schoo mily Award ort Aquacultur 2 A I Wa Student(s)	th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A Te Center Kirk Shace Novel Multi-Trophic Easte Treatment Outfle Tyler Lilya y with Connecticut A	nringer Ingelheim - cademy of Science Medallion Award; \$250 cash dle Bio-Filter Apparatus	Grade 12 Finalist - Life Sc and Engineering U To Remove Point Grade 12	Town ience Se Irban Sc Source, Town	Fairfield enior High - CSF Medallion chool Challenge Awards Anthropogenic Eutrophication
* Life Scien * The Jacks 2nd Plac * Otero Far Bridgeport Bridgepo 6082 PS * The Jacks Senior H	1 Uti Student(s) nce Awards wi son Laborator ce High Schoo mily Award ort Aquacultur 2 A I Wa Student(s) son Laborator	th support from Boely with Connecticut A I - \$300 and Plaque, The Otero Family A Te Center Kirk Shace Novel Multi-Trophic Easte Treatment Outfle Tyler Lilya y with Connecticut A Medallion	nringer Ingelheim -cademy of Science Medallion Award; \$250 cash dle Bio-Filter Apparatus ows	Grade 12 Finalist - Life Sc and Engineering U To Remove Point Grade 12	Town ience Se Irban Sc Source, Town	Fairfield enior High - CSF Medallion chool Challenge Awards Anthropogenic Eutrophication Stratford
* Life Scien * The Jacks 2nd Plac * Otero Far Bridgeport Bridgepo 6082 PS * The Jacks Senior H	1 Uti Student(s) Ince Awards wison Laborator the High School and the High School and the High School and the High School and the High Student(s) Student(s) Son Laborator High Finalist - fort Aquacultur 1 Discourse Advanced the High Student Advanced the High School and High Finalist - fort Aquacultur 1 Discourse Advanced the High Student Advanced the	th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A E Center Kirk Shace Novel Multi-Trophic E Easte Treatment Outfle Tyler Lilya Tyler Lilya	nringer Ingelheim - cademy of Science Medallion Award; \$250 cash dle Bio-Filter Apparatus ows	Grade 12 Finalist - Life Sc and Engineering U To Remove Point Grade 12 and Engineering U	Town ience Se Irban Sc Source, Town Irban Sc	Fairfield enior High - CSF Medallion chool Challenge Awards Anthropogenic Eutrophication Stratford
* Life Scien * The Jacks 2nd Plac * Otero Far Bridgeport Bridgepo * The Jacks Senior H Bridgeport Bridgeport	1 Uti Student(s) Ince Awards wison Laborator the High School and the High School and the High School and the High School and the High Student(s) Student(s) Son Laborator High Finalist - fort Aquacultur 1 Discourse Advanced the High Student Advanced the High School and High Finalist - fort Aquacultur 1 Discourse Advanced the High Student Advanced the	th support from Boel y with Connecticut A I - \$300 and Plaque, The Otero Family A The Center Kirk Shade Novel Multi-Trophic Easte Treatment Outfle Tyler Lilya y with Connecticut A Medallion The Center Kirk Shade Shade Tyler Lilya y with Connecticut A Medallion	nringer Ingelheim - cademy of Science Medallion Award; \$250 cash dle Bio-Filter Apparatus ows	Grade 12 Finalist - Life Sc and Engineering U To Remove Point Grade 12 and Engineering U	Town ience Se Irban Sc Source, Town Irban Sc cteria by	Fairfield enior High - CSF Medallion chool Challenge Awards Anthropogenic Eutrophication Stratford chool Challenge Awards

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) **Bridgeport** Bridgeport Aquaculture Center Kirk Shadle Spiral Redirect of Heat Exchange Flow Through a Unique Centrifugal Baffle Coupling 6009 Student(s) Erika Pinto Grade 12 Town Bridgeport * Connecticut Science Fair Association Physical Science Awards --- Finalist - Physical Sciences Senior High - CSF Medallion * The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards ---5th Place High School - Plaque, Medallion * Stanley Black & Decker Applied Technology Awards --- Senior High Finalist - Medallion * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- High School- Certificate, \$75.00 gift card given by ONR * Wisner Memorial Award --- \$ 1000 cash + Silver Bowl (\$2000 cash if a team) High School * The Community Foundation for Greater Hew Haven's Milton Fisher Awards for Innovation and Creativity --- For Excellence in Creativity and Innovation by a High School student, \$200 cash * Frederick Olender USC Award in Memory of G. Robert Wisner --- \$250 Cash Award for HS student in USC school Bridgeport Bridgeport Aquaculture Center Kirk Shadle Using Magnetic Fields to Direct Crystallization of Calcium Carbonate to Emulate the Growth of 6052 Trabeculae Post Bone Fracture Student(s) Jonah Rosenbaum Grade 12 Town Fairfield * Connecticut Science Fair Association Physical Science Awards --- Finalist - Physical Sciences Senior High - CSF The Jackson Laboratory with Connecticut Academy of Science and Engineering Urban School Challenge Awards Senior High Finalist - Medallion * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion Bridgeport Central High School Guime, Jennifer 6071 PS Motion-senor Robot Student(s) Iana Campbell Town Bridgeport Grade 10 **Bridgeport** Central High School Leeford Dufe 6086 PS Biodegradable Cup With Thermos Technology Student(s) Aliyah Jenkins Grade 9 Town Bridgeport Bridgeport Central High School Mrs. Jill Vital How does acid rain affect the production of eggs and the agricultural aspects of Jamaica? 6509 PST Student(s) Alivah Smith Grade 11 Town Bridgeport **Kelsey Hamilton** Town Bridgeport Grade 11 **Bridgeport** Fairchild Wheeler Aerospace Paul Bergquist 3521 LST Sunscreen Wars Student(s) Melissa Cruz Grade 10 Town bridgeport Fernando Barahona Grade 10 Town bridgeport

SchTown] [Sci	hool]	[Teacher]				
[Proj#] [FCat] [Ho	=	Project Title]	Sponsor(s)	Award(s)		
Bridgeport Fairchild	l Wheeler Aer	ospace Paul Bergqui	ist			
6501 PST	2 Fo	rmulating Lip Balm				
		Coleen Donnelly		Grade 11	Town	Bridgeport
		Victoria Castellani		Grade 11	Town	Bridgeport
_						
Bridgeport Fairchild	l Wheeler Aer	ospace Paul Bergqui	ist			
6508 PST	3 Oi	Presence in surfactan	t solution			
	Student(s)	Kelly Guamarrigra		Grade 11	Town	bridgeport
		Alehandro Rodrigue	es	Grade 11		Bridgeport
_						
Bridgeport Fairchild	l Wheeler Aer	ospace Paul Bergqui	ist			
3517 LST	2 Eli	minating Microorganisr	ns			
	Student(s)	Katelynnn Robinson	1	Grade 10	Town	Trumbull
		Joshua Sanchez		Grade 10	Town	Bridgeport
_						
Bridgeport Fairchild	l Wheeler Aer	ospace Mr. Koekkoe	k			
6518 PST	1 Ce	rebral Palsy Accessible	e Keyboard			
	Student(s)			Grade 11	Town	Shelton
	, ,	Giovanni Gumbs		Grade 11	Town	West Haven
* Connection Medallion	cut Science Fa า	air Association Physica	l Science Awards	Finalist - Phys	ical Sci	ences Senior Team - CSF
Bridgeport Fairchild	l Wheeler Bio	technology Cynthia C	Crudale			
3044 LS	2 Th	erapeutic Techniques /	And Their Effective	eness On Intrusive	Memor	ries
_	Student(s)	Ayush Puthiyavettle		Grade 12	Town	Trumbull
Bridgeport Fairchild	l Wheeler Rio	technology Mr. Bouffa	ard			
		ocedure For Starting M		Planting		
3113 LS			ycellulli 10 Digesi		T	Manyaa
_	Student(s)	Eleanor Schwartz		Grade 9	Iown	Monroe
Bridgeport Fairchild	I Wheeler Bio	technology Marilyn C	arolina			
3121 LS				ract to Reduce Ox	idative S	Stress in Caenorhabditis elegans.
0.2.		Isabella Serra	ga maomoom Ext	Grade 12		Shelton
Bridgeport Fairchild	l Wheeler Info	ormation Technology	Suchith Shanthara	aj		
6089 PS	2 Pa	ssword Analyzer				
	Student(s)	Kayla Spodnik		Grade 9	Town	bridgeport

[SchTown] [SchTown] [SchTown]	School] Honors] [F	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Bridgeport Fairch	ild Wheeler Info	ormation Technology	Suchith Shanthara	ij			
3063 LS	3 WI	hich Method of Shari	ng Information is Mo	st Effective?			
	Student(s)	Raymond Stewart		Grade 10	Town	Bridgeport	
Bridgeport High H	Horizons Magne	t School Daria Coll	ins				
4006 PT	1 Ho	orror of Waves					
	Student(s)	Kelci Keddo		Grade 8	Town	Bridgeport	
		Benardette Kudais	si	Grade 8	Town	Bridgeport	
& troph * The Jac Middle * Thermo	ny okson Laborator e School Finalis	ic Junior Innovators (cademy of Science a	and Engineering l	Jrban So	chool Challenge A	wards
Bridgeport John \	Winthrop Schoo	I Susan M. Beres					
4011 PT	3 De	eadly Water: How do	different water filters	affect the purity	of the filt	ered water?	
	Student(s)	Shelly Guo		Grade 8	Town	Bridgeport	
		Joann Escalante		Grade 8	Town	Bridgeport, CT	
		School Corina Star	า				
1003 LT		ater H20? Victoria Morris		Grade 7	Town	Bridgeport	
	Student(s)	Jhosmery Batista		Grade 7		Bridgeport	
		Unosinery Datista		Grade /	TOWIT	ынадероп	
Bridgeport Walter	rsville School	John Cunningham					
4008 PT	2 Fro	eezing Point Depress	sion/Boiling Point Ele	vation: A Purity In	ndicator	of Commercially A	Available Salts
	Student(s)	Jessalynn Ricketts	S	Grade 8	Town	Bridgeport	
		Sherly Coleman		Grade 8	Town	Bridgeport	
	field High Schoo						
3525 LST		e Effects of Tradition					
	Student(s)	Fatima Abdulrahm	an	Grade 11		Brookfield	
		Emily Smith		Grade 11	Town	Brookfield	

[SchTown] [Proj#] [F	[Scho Cat] [Hono	-	[Teacher] Project Title]	Sponsor(s)	Award(s)		
Brookfield	Brookfield	High Scho	ol Jonathan Neuh	ausel			
6513 F	PST	1 P	arkBD: A Novel Mult epurposing in Parkir	i-Modal Deep Learni nson's Disease	ng Framework for	Biomark	er Identification and Drug
	8	Student(s)	Shriya Jonnalaga	ndda	Grade 11	Town	Brookfield
			Diya Girish Kuma	ar	Grade 11	Town	Brookfield
*	\$500 (split Infosys Four) & Plaque ndation Co	emputer Science Awa	sical Science Awards ards 2nd Place H ith a Patent Attorney		-	ciences Senior High Team-
Cheshire	Cheshire Hi	gh School	Ms.Julie Barker				
6001	PS	2 A	Domestic Violence A	Alerting Device comp Android Mobile App b	rised of an Analog uilt using Flutter	Sound	Level Meter, OLED Display, GPS
	S	Student(s)	Suchita Srinivasa	an	Grade 9	Town	Cheshire
	Connecticut	Invention		een & David Smith A tep Inventors" Ne			pt - \$100 Invitation to compete at the
Cheshire	Cheshire Hi	gh School	Julie Barker				
3091	LS		rioritizing candidate rotein-protein interac		novo variants by i	integratir	ng phenotype information with
	S	Student(s)	Shangyu Xu		Grade 12	Town	Cheshire
*	Life Science	Awards w	vith support from Boo	ehringer Ingelheim	- Finalist - Life Sc	ience Se	enior High - CSF Medallion
	St. Bridget S		ichelle Carroll				
5506	P8			de Livestock Identific	•		
		Student(s)	Avery Fowler		Grade 8	Town	Cheshire
* * *	\$200 & trop Petit Family Stanley Blac Thermo Fish for selected Lemelson E	ohy Foundatic ck & Decke ner Scienti d top MS w arly Invent	on Women in Science or Applied Technolog fic Junior Innovators vinners or Award Certifi	e & Engineering Awa gy Awards 2nd P	rds 1st Place- lace Middle Schoo nation to compete ard from Lemelsor	Middle S ol - \$200 in the T	and Plaque, Medallion hermo Fisher Scientific JIC ation
	mathematic	cs by fema	le students - \$100	reative or innovative ce Award \$100 C			•
Cheshire	St. Bridget S	School M	ichelle Carroll				
		3 D	isaster Resilient Arc	hitecture: Design and Constru	ction		
	S	_	Luke Machado	2 2.3.7 4.14 00110114	Grade 7	Town	Hamden
*	Society of W Otis Elevator	lomen Eng r Compan	gineers - Hartford Se y MS Excellence	e- Engineering MS \$ ection Scientific Ce e Award - \$250	Calculator	ada	

[SchTown [Proj#]	-	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Clinton	The Mo	rgan School	Abigail Walston				
6058	PS	3	Producing Electricity	with Water			
		Student	(s) Davis Walker		Grade 11	Town Clinton	
	* Unive	rsity of Hartfo		niversity of Hartford		- \$300 Cash and Plaque xcellence in Engineering	
Danbury	Saint	Gregory the G	reat School Christine	Fahey			
5006	P7	2	Water Works?				
		Student	(s) Shayleigh Barret	t	Grade 7	Town New Milford	
	* Stanle * Energ	ey Black & De gizeCT Alterna	cker Applied Technologative & Renewable Ene	gy Awards Middl rgy Awards 2nd	e School Finalist - N Place Middle Schoo	Medallion ol - \$200 Cash and Tropl	ny
Danbury	Saint	Gregory the G	reat School Mrs. Fah	еу			
2526	L8	2	How does different type	oes of water affect to	mato plant growth?	?	
		Student	(s) Anthony Bruno		Grade 8	Town New Fairfield	_
Danbury	Saint (Gregory the G	reat School Mrs. Fah	еу			
		Student	(s) Claire Calomeni		Grade 7	Town danbury	
Dombum	* Ricoh	Americas Co	ogy Awards Finalist	e, \$25 gift card give		lion	
Danbury 2504	L8	Gregory the G	reat School Mrs. Fah		t Growth		
2504	LO		(s) Cailin Fetridge	of Music Affect Flat	Grade 8	Town Patterson	_
Danbury	Saint	Gregory the G	reat School Mrs. Fah	ey			
2005	L7	2	How can water be filte	ered in an inexpensiv	e way?		
		Student	(s) Riley Lamp		Grade 7	Town New Fairfield	
		rion Water Co agement	mpany 1st. \$100.0	0 Cash - Grade 7-8	For Excellence in W	Vater Quality or Environm	– nental
Danbury	Saint	Gregory the G	reat School Mrs. Fah	ey			
2516	L8	1	The effect of fertilizer	on hydroponic garde	ening.		
		Student	(s) Connor McMahor	n	Grade 8	Town Brookfield	
	* Life S	Science Award	s with support from Boo	ehringer Ingelheim -	Finalist - Life Sci	iences 8th grade - CSF I	– Medallion
Danbury	Saint	Gregory the G	reat School Mrs. Fah	ey			
2510	L8	3	Do Different Water Ty	pes Affect Plant Gro	wth?		
		Student	(s) Donovan Phillips	1	Grade 8	Town Danbury	_

[Proj#]	n] [Scho [FCat] [Hono	•	[Teacher] Project Title]	Sponsor(s)	Award(s)					
Danbury	Saint Grego	ry the Great	School Mrs. Fal	ney						
2011	L7	1 eff	ects of inhaling Pe	ppermint aroma on re	action time					
			Piper Twedt		Grade 7	Town	Norwalk			
	* Alexion Bio * Thermo Fis	technology A	Awards 4th Place c Junior Innovators	ace Biotechnology 7th	grade - trophy		s 7th grade- \$200 & trophy nermo Fisher Scientific JIC			
Danbury	Westside Mi	iddle School	Academy Nanc	y Barlow						
4001	PT	1 Te	sting the Absorber	ncy of Different Hydrop	phobic Fibers with	Differen	Oil Samples			
	•	Student(s)	Jasmine De Sou	sa	Grade 8	Town	Danbury			
			Juliana Watson		Grade 8	Town	Danbury			
			Ellie Moore		Grade 8	Town	Danbury			
				necticut Association o	of Conservation an	d Inland	Wetlands Commissions			
Danbury	Westside Middle School Academy Ms. Barlow									
4004	PT	1 W	nat is the Effect of	Grass Height on Flam	mability?					
	•	Student(s)	Adriana Dickins	on	Grade 8	Town	Danbury			
			Emma Reda		Grade 8		Danbury			
			Hailey Sanchez		Grade 8	Town	Danbury			
	Medallion * The Jackso	n Laborator	-	vsical Science Awards Academy of Science	_		ences Jr Team - CSF hool Challenge Awards			
Danbury	Medallion * The Jackso Middle Sci	n Laborator hool Finalis	y with Connecticut	Academy of Science	_					
Danbury	Medallion * The Jackso Middle Sci	on Laborator hool Finalis	y with Connecticut t - Medallion Academy Nanc	Academy of Science	and Engineering L	Jrban Sc				
	Medallion * The Jackso Middle Sc Westside Mi	on Laborator hool Finalis	y with Connecticut t - Medallion Academy Nanc e Benefit of the Bio	Academy of Science	and Engineering L	Jrban Sc				
	Medallion * The Jackso Middle Sc Westside Mi	n Laborator hool Finalis iddle School	y with Connecticut t - Medallion Academy Nanc e Benefit of the Bio	Academy of Science	and Engineering L	Jrban So ed Air Town	hool Challenge Awards			
	Medallion * The Jackso Middle Sci Westside Mi LT * Life Science trophy	in Laborator hool Finalis iddle School The Student(s) e Awards wi	y with Connecticut t - Medallion Academy Nanc e Benefit of the Bio Briti Kaur Nashla Giron th support from Bo	Academy of Science y Barlow pBroth Bubbler on For	maldehyde-Infecte Grade 8 Grade 8 - 2nd Place- Life 8	ed Air Town Town Sciences	hool Challenge Awards Danbury			
1019	Medallion * The Jackso Middle Sci Westside Mi LT * Life Science trophy	in Laborator hool Finalis iddle School 1 Th Student(s) e Awards wi	y with Connecticut t - Medallion Academy Nance e Benefit of the Bid Briti Kaur Nashla Giron th support from Bod afety Professionals	Academy of Science y Barlow DBroth Bubbler on For Dehringer Ingelheim , CT Valley Chapter	maldehyde-Infecte Grade 8 Grade 8 - 2nd Place- Life 8	ed Air Town Town Sciences	hool Challenge Awards Danbury Danbury			
1019	Medallion * The Jackso Middle Sci Westside Mi LT * Life Science trophy * American S	in Laborator hool Finalis iddle School The Student(s) e Awards with society of Satiddle School	y with Connecticut t - Medallion Academy Nanc e Benefit of the Bic Briti Kaur Nashla Giron th support from Bo stety Professionals Academy Ms. B	Academy of Science y Barlow DBroth Bubbler on For Dehringer Ingelheim , CT Valley Chapter	maldehyde-Infecte Grade 8 Grade 8 - 2nd Place- Life 9 - \$150 grade 7-8	ed Air Town Town Sciences project	hool Challenge Awards Danbury Danbury			
1019	Medallion * The Jackso Middle Sci Westside Mi LT * Life Science trophy * American S Westside Mi LT	in Laborator hool Finalis iddle School The Student(s) e Awards with society of Satiddle School	y with Connecticut t - Medallion Academy Nance e Benefit of the Bid Briti Kaur Nashla Giron th support from Bod fety Professionals Academy Ms. Be e Effects of Difference	Academy of Science y Barlow DBroth Bubbler on For Dehringer Ingelheim , CT Valley Chapter	maldehyde-Infecte Grade 8 Grade 8 - 2nd Place- Life 9 - \$150 grade 7-8	ed Air Town Town Sciences project	hool Challenge Awards Danbury Danbury			
Danbury	Medallion * The Jackso Middle Sci Westside Mi LT * Life Science trophy * American S Westside Mi LT	in Laborator hool Finalis iddle School The Student(s) e Awards with society of Saiddle School The School	y with Connecticut t - Medallion Academy Nance e Benefit of the Bid Briti Kaur Nashla Giron th support from Bod fety Professionals Academy Ms. Be e Effects of Difference	Academy of Science y Barlow DBroth Bubbler on For Dehringer Ingelheim , CT Valley Chapter Barlow ent Materials on the St	maldehyde-Infecte Grade 8 Grade 8 - 2nd Place- Life 3 \$150 grade 7-8	ed Air Town Town Sciences project Town Town	Danbury Danbury SMS Team- \$100 each &			

Collin. Sci	ence a	Liigiii	icci iii	g i ali			winning Projects
[SchTown] [S [Proj#] [FCat] [H	School] Honors] [I	[Teacher] Project Title]	;	Sponsor(s)	Award(s)		
Danbury Westside	e Middle Schoo	l Academy	Ms.Barlow				
4013 PT					with dual-languag panic community.	je stock ma	arket course and ML stock price
	Student(s)	Alejandro N	<i>l</i> layorga		Grade 8	Town	Danbury
		Matthew G	uzman		Grade 8	Town	Danbury CT 06810
* The Jac 2nd Pla * Infosys * Thermo for sele * Urban S Ocean	ckson Laborato ace Middle Sch Foundation Co Fisher Scientif ected top MS w School Challeng Camp - \$875	ry with Conne ool - \$200 and mputer Sciend ic Junior Inno inners ge 1st Place M	cticut Acad d Trophy, M ce Awards vators Chal /liddle Scho	emy of Scienc ledallion 3rd Place lenge Noi ol Awards	Middle School- \$ mination to compe	g Urban So 100, Trophete in the Tucing 7th g	chool Challenge Awards ny hermo Fisher Scientific JIC rader- Project Oceanology's
Danbury Westside	e Middle Schoo	l Academy	Ms. Barlow				
2518 L8	2 Th	ne Effect of Pl	ant-Based I	Natural Pestic	des on Tenebrio I	Molitors.	
	Student(s)	Christophe	r Mladen		Grade 8	Town	Danbury
* U.S. Ag	ce MS- \$200, Tr ency for Interna- e Middle Schoo	ational Develo		,	ficate and \$25 giff	t card give	n by CSEF
4010 PT	1 Th	ne Benefit of a	an Automati	c Electricity B	ocking Device on	Preventing	g Waste of Electricity
	Student(s)	Lea Sanche	ez-Dubois		Grade 8	Town	Danbury
		Shatarupa	Mandal		Grade 8	Town	Danbury
		Shezan All	adin		Grade 8	Town	Danbury
Medalli * The Jac Middle * Stanley * Energiz * IEEE, C * Zepke A * Connec	ion ekson Laborato e School Finalis Black & Decke eCT Future Su Connecticut Sec Awards \$10	ry with Conne st - Medallion or Applied Tec stainability Av stion \$250 00 - For the Be Convention "N	octicut Acado I Ihnology Aw vards 2I I Honors Aw est Use of E Vext Step In	emy of Science rards Midd nd Place Midd rard – Junior Electronic Circ	e and Engineering dle School Finalist le School - \$200 (uitry- Middle Scho	g Urban So : - Medallic Cash and	
Danbury Westside	e Middle Schoo	l Academy	Nancy Barlo	ow			
4007 PT	1 Fu	ueling a Stirlin	g Engine Fr	om a Cold Er	ergy Source (Ice	Cubes)	
	Student(s)	Aaliyah Ta	ft		Grade 7	Town	Danbury
		Jessica Mo	Dermott		Grade 7	Town	Danbury

^{*} Connecticut Science Fair Association Physical Science Awards --- 3rd Place- Physical Sciences MS Team- trophy * EnergizeCT Alternative & Renewable Energy Awards --- 1st Place Middle School - \$300 Cash and Trophy

[SchTowl	-	[School]	[Teacher]			
[Proj#]	[FCat]	[Honors]	[Project Title	e] Sponsor(s)	Award(s)	
Danbury	Wests	ide Middle S	chool Academy	Ms. Barlow		
1002	LT	1		ıtdoors Safety By Altering I	Pregnancy Tests to D	Detect Urushiol
		Studen	it(s) Alice Trai		Grade 8	Town Danbury
			Vianca Vi		Grade 8	Town Danbury
			Thomas I	_azo 	Grade 8	Town Danbury
	* The d 4th F * Alexid	lackson Labo Place Middle on Biotechno	oratory with Coni School - Trophy logy Awards	necticut Academy of Scien	ce and Engineering U th grade - CSF Meda	
Darien	Darien H	ligh School	David Lewis			
3127	LS	1		omprehension Scores of Mading and Digital Texts)	liddle School Student	ts Using Different Forms of Reading
		Studen	ıt(s) Lindsey [Darby	Grade 12	Town Darien
				from Boehringer Ingelheim on Certificate, \$25 gift		ience Senior High - CSF Medallion
Darien	Darien H	ligh School	David Lewis			
3038	LS	1	Utilization of I	Decellularized Spinach as	a Vascular Perfusion	System for Organoid Development
		Studen	it(s) Avery Ho	rn	Grade 12	Town Darien
				from Boehringer Ingelheim 2nd Place Biotechnology		cience Senior High - CSF Medallion d plaque
Darien	Darien H	ligh School	Sarthak Kanod	ia		
3055	LS	2		Vegetation Dynamics in W	etlands using NDVI a	and Climate Time-series data with an LSTM
		Ctudos	Model	lavana	Overde 10	Taura Davien
		Studen	nt(s) Anusha N	iarang 	Grade 12	Town Darien
	* Asso	ciation for Wo	omen Geoscient	ists Certificate & \$25 g	ift card given by CSE	EF
Darien	Darien F	ligh School	Mr. Pratt			
3078	LS	2	Extent of Cov Shootings	erage as a Measure to Val	idate the Media Cont	tagion Theory as an Explanation of Mass
		Studer	it(s) Emma Qu	ıayle	Grade 12	Town Darien
Ellington	Elling	ton Middle So				
5504	P8	1				oft Robotics Tubing Attachment Methods
		Studen	it(s) Thomas (Gerlach	Grade 8	Town Ellington
	troph * Stanl	ny ey Black & D	ecker Applied To	•	Place Middle School	nysical Sciences 8th Grade Ind I - \$100 and Plaque, Medallion
	* Office * Therr for s	e of Naval Re no Fisher Sci elected top M	search- U.S. Na ientific Junior Inr IS winners	vy / U.S. Marine Corps	Middle School- Cer	tificate, \$25 gift card given by CSEF in the Thermo Fisher Scientific JIC
			. ,	,		

[SchTown	-	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)			
		alle Academy	Tim Coleman	Openies (6)	7111414(0)			
1021	LT	<u> </u>		efficient at reducing ca	rbon dioxide from	the air.	through photosynthes	sis?
1021) Madeline Agrafo		Grade 8		Suffield	
		01440111(0	Anna Burnham	,-	Grade 8		Suffield	
	* Life S troph		with support from Bo	ehringer Ingelheim	1st Place- Life S	Sciences	MS Team- \$150 eac	h &
	* Alexid	on Biotechnolog	tific Junior Innovators	t - Biotechnology 8th g s Challenge Nomin			hermo Fisher Scientif	ic JIC
Enfield (Chiarav	alle Academy	Mr. Coleman					
1001	LT	3	The Self Sustaining F	ish Tank				
		Student(s) Noah Bohonowid	cz	Grade 7	Town	Somers	
			Michael Bielansk	ci	Grade 7	Town	Enfield	
			Mason Crkanowi	icz	Grade 7	Town	Suffield	
	* Alexid	on Biotechnolog	y Awards Finalis	t - Biotechnology 7h g	rade - CSF Meda	llion		
Enfield (Chiarav	alle Academy	Mr. Coleman					
1006	LT	2	The effect of caffeine	on plants				
		Student(s) Keenan Cieslak		Grade 7	Town	Monson	
			Shiv Patel		Grade 7	Town	Longmeadow	
			Beau Dugas		Grade 7	Town	Enfield	
		onmental Science Finalist - CSF Me		necticut Association o	f Conservation ar	nd Inland	Wetlands Commission	ons
Enfield (Chiarav	alle Academy	Tim Coman					
5004	P7	3	Comparing Electroyle	es in Sports Drinks				
		Student(s) Kayla Cupillo		Grade 7	Town	Suffield	
Enfield (Chiarav	alle Academy	Timothy Coleman					
2007	L7	2	Determining the optin	nal mixture of chicken	compost, or sand	to grow	beans.	
		Student(s) Misha LaCroix		Grade 7	Town	Enfield	
			Jayden Eldridge		Grade 7	Town	Somers	
	* U.S. /	Agency for Inter	national Developmen	nt (USAID) Certific	ate and \$25 gift o	ard giver	n by CSEF	
Enfield	Chiarav	alle Academy	Timothy Coleman					
1011	LT	3	How Lawn Chemicals	s Affect Soil Biodiversi	ty			
		Student(s) Delphine Lamatt	ina	Grade 8		West Hartford	
			Carys Wilson		Grade 8	Town	Somers	
			Sabrina Plaz		Grade 8	Town	Suffield	
	* J.A. A	Augustine and H	. Glista Awards \$	\$100 for excellence in	biology			

Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)			
			Tim Coleman					
1016	LT		Recycling Greywater	for Plant Growth				
		Student(s			Grade 8	Town	Enfield	
		,	Hadley Buttrey		Grade 8		Windsor Locks	
			Caleb Quinby		Grade 8		Windsor	
	* Life S	Science Awards	with support from Boo	ehringer Ingelheim	Finalist - Life Sc	iences N	Middle School Te	– eam - CSF
	Med * Energ	allion gizeCT Future S	Sustainability Awards poration Certificate	Middle School F	inalist - Medallion			
nfield			Timothy	., , , , , , , , , , , , , , , , , , ,	.,			
4009	PT	3	What water filtration m	nethod can be quick ed countries?	ly produced, require	es little p	rocess, and can	provide clean
		Student(s	s) Holt Serrano		Grade 8	Town	Somers	
			John Donnelly		Grade 8	Town	Suffield	
		I-l O-ll Du	aratam Cabaal Mra	Daharah Kial				
3023	LS		aratory School Mrs. Algae vs Other Organ					
		3			Grade 12	Town	Ansonia	_
3023	LS	Student(s	Algae vs Other Organ		Grade 12	Town	Ansonia	_
3023	LS	Student(s	Algae vs Other Organ S) David Boudreau	isms				rowth
3023	LS	Student(s	Algae vs Other Organ a) David Boudreau ool Ryan Gleason	isms		cut on th		rowth
3023	LS	Student(s	Algae vs Other Organ a) David Boudreau ool Ryan Gleason The effect of water fro	isms	in fairfield connecti	cut on th	e rate of plant g	rowth
3023	Tomlin LT * Life S	Student(s	Algae vs Other Organ a) David Boudreau ool Ryan Gleason The effect of water from a) Calista Gleason	isms om different sources	in fairfield connecti Grade 8 Grade 8	cut on th Town Town	ie rate of plant g Fairfield Fairfield	_
3023 Fairfield 1012	Tomlin LT * Life S Med	Student(s Student(s Student(s Student(s Science Awards allion	Algae vs Other Organ a) David Boudreau ool Ryan Gleason The effect of water fro b) Calista Gleason Emma Speicher	om different sources	in fairfield connecti Grade 8 Grade 8	cut on th Town Town	ie rate of plant g Fairfield Fairfield	_
3023 Fairfield 1012 Farmingt	Tomlin LT * Life S Med	Student(s Student(s Student(s Student(s Student(s Science Awards allion	Algae vs Other Organ Algae vs Other Organ David Boudreau Ool Ryan Gleason The effect of water from Calista Gleason Emma Speicher with support from Book	om different sources ehringer Ingelheim	in fairfield connecti Grade 8 Grade 8	cut on th Town Town	ie rate of plant g Fairfield Fairfield	_
3023 Fairfield 1012 Farmingt	Tomlin LT * Life S Med	Student(s Student(s Student(s Student(s Student(s Science Awards allion	Algae vs Other Organ Algae vs Other Organ David Boudreau OOI Ryan Gleason The effect of water from Calista Gleason Emma Speicher with support from Book Cchool Guoan Zheng	om different sources ehringer Ingelheim	in fairfield connecti Grade 8 Grade 8	cut on th Town Town iences N	ie rate of plant g Fairfield Fairfield	_
3023 Fairfield 1012 Farmingt	Tomlin LT * Life S Med ton Far	Student(s Student(s Student(s Student(s Student(s Science Awards allion rmington High S Student(s	Algae vs Other Organ Algae vs Other Organ David Boudreau OOI Ryan Gleason The effect of water from Calista Gleason Emma Speicher with support from Book Chool Guoan Zheng BD printed, Smart Pipe	ehringer Ingelheim -	in fairfield connecti Grade 8 Grade 8 Finalist - Life Sc Grade 10	cut on the Town Town iences M	e rate of plant g Fairfield Fairfield //iddle School Te	_
3023 Fairfield 1012 Farmingt 6031	Tomlin LT * Life S Med ton Far PS * Petit	Student(s Student(s Student(s Student(s Student(s Science Awards allion rmington High S Student(s	Algae vs Other Organ Algae vs Other Organ	ehringer Ingelheim ette for pH Sensing e & Engineering Awa	in fairfield connecti Grade 8 Grade 8 Finalist - Life Sc Grade 10	cut on the Town Town iences M	e rate of plant g Fairfield Fairfield //iddle School Te	_
Fairfield 1012 Farmingt	Tomlin LT * Life S Med ton Far PS * Petit	Student(s Student(s Student(s Student(s Student(s Student(s Student(s Student(s Family Foundat Fishers Island S	Algae vs Other Organ Algae vs Other Organ	ehringer Ingelheim ette for pH Sensing e & Engineering Awa	in fairfield connecti Grade 8 Grade 8 Finalist - Life Sc Grade 10 ards High Scho	cut on the Town Town iences M	rate of plant g Fairfield Fairfield Middle School Te Farmington st - Medallion	eam - CSF

^{*} Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions --- 2nd Place HS- \$300, Plaque

^{*} Aquarion Water Company --- 2nd. \$100.00 Cash - Grade 9-12 For Excellence in Water Quality or Evironmental Management

[SchTown] [S [Proj#] [FCat] [F	School] Honors] [I	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Glastonbury Glas	tonbury High S	School Diane Pinta	valle				
3015 LS		nderstanding Algae I earning Technology	Dominate in Benthic	Attributes in San S	Salvador, E	Bahamas Using	Photo Machine
	Student(s)	Arianna Susco		Grade 12	Town G	Slastonbury	
Glastonbury Glas	tonbury High S	School Ms. Diane F	Pintavalle				
3025 LS		n Analysis of the Acc abbits	curacy of Pelage Cha	aracteristics as Spe	ecies Ident	ifiers of New Er	gland Cottontail
	Student(s)	Anna Szydlo		Grade 12	Town C	Glastonbury	
Glastonbury Glas	stonbury High S	School Diane Pinta	valle				
3090 LS		HE INDIRECT EFFE					
	_	Kiernan Tierney		Grade 11	,	Blastonbury	
* Alumni	Botany Awards	Alumni High Sc	hool Botany Award-	\$100 Cash			
Glastonbury Glas	tonbury High S	School Diane Pinta	valle				
3009 LS	3 D	evelping a Bone Chi _l	0				
	Student(s)	Jade Wong		Grade 12	Town G	Glastonbury	
Greenwich Brunsv	wick School [Dana Montanez					
6506 PST	1 C	omparative analysis	of the most efficient,	accessible, and us	seful gasif	iable biomatter	
	Student(s)	Thomas Armstror	 າg	Grade 10	Town G	Greenwich	
		Eric Lorenz		Grade 10	Town G	Greenwich	
Medalli * Pepsico	ion Engineering A	air Association Phys wards Finalist - Glista Awards \$	Engineering High So	chool - CSF Medall	ion	ices Senior Tea	m - CSF
Greenwich Bruns	wick School [Dana Montanez					
3501 LST	2 Ut	tilizing eDNA and DN	IA barcoding to esta	blish a Green Crab	Census i	n the Long Islan	d Sound
	Student(s)	Connor Choy		Grade 11		Greenwich	
		Casey Quinson		Grade 11	Town F	ort Chester	
	mental Science alist - CSF Med	es Awards with Conn Iallion	ecticut Association	of Conservation an	d Inland W	/etlands Commi	ssions
Greenwich Bruns	wick School [Dana Montanez		_			
3082 LS		Comparative Analys	is: The Efficacy of C	arbon Sequestration			
	Student(s)	Cole Cline		Grade 11	Town	Greenwich	
		·					

[SchTown	•	[School]	[Teacher]					
[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)			
		nswick School						
3513	LST	1	Determining the relati larvae to develop oys	ionship between sou ter-recruitment meth	nd frequencies and ods for the restorati	settlemon	ent rates in pediveliger oyster yster reefs	
		Student	(s) Sebastian DeAn	gelis	Grade 11	Town	Darien	
			John Morningsta	ar	Grade 11	Town	Greenwich	
	* Environment of the state of t	t) & Plaque onmental Scie Place HS- \$200,	nces Awards with Con Plaque	necticut Association	of Conservation and	d Inland	s Senior High Team- \$300 Wetlands Commissions coustics, opport. to shadow an	
Greenwic	h Brui	nswick School	Dana Montanez					
3516	LST	1	The effects of cable b	acteria on reducing	methane production	in micr	obial methanogen populations	
		Student	(s) Jack Degl		Grade 10	Town	Mahopac	
			Henry Johnson		Grade 10	Town	Greenwich	
	(split * Environ HS I	t) & Plaque onmental Scie Finalist - CSF N	nces Awards with Con	necticut Association	of Conservation and	d Inland	s Senior High Team- \$500	
Greenwic		nswick School						
6059	PS	2	A Comparative Analy Wastewater.	sis of the Longevity of	of Biochar Filters in	Removi	ing Agricultural Pollutants from	
		Student	(s) Luke Dougherty		Grade 11	Town	Bronxville	
		onmental Scie Finalist - CSF N		necticut Association	of Conservation and	d Inland	Wetlands Commissions	
Greenwic	h Brui	nswick School	Mrs. Montanez					
6011	PS	1	Development of Eco- Assisted Flettner Rote		or Reducing Greenh	ouse G	as Emissions of Ships using W	/ind-
		Student	(s) Thomas Ewald		Grade 11	Town	Greenwich	
	Indiv * Stanle * Infosy * MTU \$250 * CSEF * Conn	ridual - \$300 & ey Black & De ys Foundation Aero Engines) F Board of Dire ecticut Inventi	cker Applied Technolo Computer Science Aw North America, Inc ectors Award Certif	gy Awards 2nd F vards Senior Higl - MTU Aero Engines ficate and \$100 giver	Place High School - n Finalist - Medallion s Mechanical Engine n by CSF	\$300 ar n eering Ir	· ·	
Greenwic	h Brui	nswick School	Dana Montanez					
3505	LST	2	Effects of Phototoxic	Chemicals in Sunscr	een on Reef-Buildir	ng Coral		
		Student	(s) Robert MacNaug	hton	Grade 11	Town	Bronxville	
			Michael Yeager		Grade 11	Town	Greenwich	

	School]	[Teacher]				
	-	= =				
[Proj#] [FCat] [H	lonors]	[Project Title]	Sponsor(s)	Award(s)		
Greenwich Brunsv		Evan Ciecimirski				
3529 LST		Utilizing Magnesium A Light	cetate as the Basis	for Hydroponic, Sti	ructural l	Plant Proteins in the Absence of
	Student(s) William Nook III		Grade 10	Town	Greenwich
		Jack Sieg		Grade 10	Town	Greenwich
Greenwich Brunsv	wick School	Dana Montanez				
3522 LST	3	Poultry-feather Derive	d Keratin as a Medi	ım in Cilantro Plan	t Growth	
	Student(s	s) James O'Connor		Grade 11	Town	Rye
		Whip Gorman		Grade 11	Town	New Cannan
Greenwich Brunsv	wick School	Dana Montañez				
3519 LST		The effects of Light Po Oxypora Coral.	llution on the growt	n and health of stor	ne corals	Montipora Capricornia and
	Student(s) Grayson O'Hara		Grade 10	Town	Rve
		, ,		Glade 10	. •	, 0
* Environr HS Fina * Energize	mental Sciend alist - CSF Mo eCT Future S	Tucker Spiess with support from Boeces Awards with Connectallion	ecticut Association High School Fina	Grade 10 3rd Place - Life of Conservation an alist - Medallion	Town Science od Inland	Old Greenwich s Senior High Team - Plaque Wetlands Commissions
* Environr HS Fin: * Energize * NASA E	mental Sciend alist - CSF Mo eCT Future S EARTH Syster	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award	ecticut Association High School Fina	Grade 10 3rd Place - Life of Conservation an alist - Medallion	Town Science od Inland	Old Greenwich s Senior High Team - Plaque
* Environr HS Fina * Energize * NASA E	mental Sciend alist - CSF Mo eCT Future S EARTH Systen wick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award Dana Montanez	ecticut Association High School Fina Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by 0	Town Science Id Inland	Old Greenwich s Senior High Team - Plaque Wetlands Commissions
* Environr HS Fin: * Energize * NASA E	mental Sciend alist - CSF Mo eCT Future S EARTH Systen wick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award Dana Montanez	ecticut Association High School Fina Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by 0	Town Science Id Inland	Old Greenwich s Senior High Team - Plaque
* Environr HS Fina * Energize * NASA E	mental Science alist - CSF MoeCT Future SEARTH System wick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award Dana Montanez	ecticut Association High School Fina Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by 0	Town Science In Inland CSEF	Old Greenwich s Senior High Team - Plaque Wetlands Commissions
* Environr HS Fina * Energize * NASA E	mental Science alist - CSF MoeCT Future SEARTH System wick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award Dana Montanez Isolation and Purification	ecticut Association High School Fina Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and the second	Town Science In Inland CSEF Freatmen Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions
* Environr HS Fina * Energize * NASA E Greenwich Brunsv	mental Science alist - CSF Mo eCT Future SEARTH System wick School 3 Student(s	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards Dana Montanez solation and Purification Thomas Pope Henry Ferguson	ecticut Association High School Fina Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11	Town Science In Inland CSEF Freatmen Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien
* Environr HS Fina * Energize * NASA E Greenwich Brunsv	mental Science alist - CSF MoeCT Future SEARTH System wick School Student(sewick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards Dana Montanez solation and Purification Thomas Pope Henry Ferguson	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11	Town Science and Inland CSEF Freatmen Town Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich
* Environr HS Fin: * Energize * NASA E Greenwich Brunsv 3509 LST	mental Science alist - CSF MoeCT Future SEARTH System wick School Student(sewick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards Dana Montanez Isolation and Purification Thomas Pope Henry Ferguson Dana Montanez	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11	Science of Inland CSEF Treatmen Town Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich
* Environr HS Fin: * Energize * NASA E Greenwich Brunsv 3509 LST	mental Science alist - CSF MoeCT Future SEARTH System wick School Student(sewick School	Tucker Spiess with support from Boeces Awards with Connectallion sustainability Awards m Science Award Dana Montanez solation and Purification Thomas Pope Henry Ferguson Dana Montanez The Nostoc Effect: Creen	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11 Grade 11 Grade 11	Town Science and Inland CSEF Treatmen Town Town Town Town Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich
* Environr HS Fins * Energize * NASA E Greenwich Brunsv 3509 LST Greenwich Brunsv Greenwich Brunsv	mental Science alist - CSF MeeCT Future SEARTH System wick School Student(sexpected with the sexpected se	Tucker Spiess with support from Boeces Awards with Connected Spiess and Science Award Dana Montanez solation and Purification Thomas Pope Henry Ferguson Dana Montanez The Nostoc Effect: Cress Gabriel Trahanas	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11 Grade 10 Grade 10 Grade 10	Town Science and Inland CSEF Treatmen Town Town Town Town Town Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich tte Change Riverside
* Environr HS Fins * Energize * NASA E Greenwich Brunsv 3509 LST Greenwich Brunsv Greenwich Brunsv	mental Science alist - CSF MoeCT Future SEARTH System wick School Student(sexpected with School sexpected	Tucker Spiess with support from Boeces Awards with Connected Illion sustainability Awards Dana Montanez Isolation and Purification Thomas Pope Henry Ferguson Dana Montanez The Nostoc Effect: Cress Gabriel Trahanas Ryan Ahn	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11 Grade 10 Grade 10 Grade 10	Town Science and Inland CSEF Treatmen Town Town Town Town Town Town	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich tte Change Riverside
* Environr HS Fin: * Energize * NASA E Greenwich Brunsv 3509 LST Greenwich Brunsv 3526 LST * NASA E	mental Science alist - CSF MeeCT Future SEARTH System wick School Student(s Student(s Student(s ARTH System wick School 2 Student(s EARTH System wick School 2 If the state of the	with support from Boe ces Awards with Connected Itom Sustainability Awards on Science Award Dana Montanez Isolation and Purification Thomas Pope Henry Ferguson Dana Montanez The Nostoc Effect: Cress) Gabriel Trahanas Ryan Ahn m Science Award Dana Montanez The Effectiveness of University of the Effectiveness of University of the Service Award The Effectiveness of University of Service Award	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F eating the Ultimate E Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Conservation and Grade 11 Grade 11 Grade 11 Grade 10 Grade 10 Grade 10 Grade 10 Grade 10 Grade 10	Town Science and Inland CSEF Treatmen Town Town Town Town CSEF	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich ste Change Riverside White Plains
* Environr HS Fins * Energize * NASA E Greenwich Brunsv 3509 LST Greenwich Brunsv 3526 LST * NASA E	mental Science alist - CSF MeeCT Future SEARTH System wick School Student(s Student(s Student(s ARTH System wick School 2 Student(s EARTH System wick School 2 If the state of the	with support from Boe ces Awards with Connectallion sustainability Awards on Science Award Dana Montanez Solation and Purification Thomas Pope Henry Ferguson Dana Montanez The Nostoc Effect: Cress Gabriel Trahanas Ryan Ahn m Science Award Dana Montanez	ecticut Association High School Fina Certificate and \$25 on of Plant-Based F eating the Ultimate E Certificate and \$25	Grade 10 3rd Place - Life of Conservation and alist - Medallion gift card given by Colorus for the 1 Grade 11 Grade 11 Grade 10 Grade 10 Grade 10 Grade 10	Town Science and Inland CSEF Treatmen Town Town Town Town CSEF	Old Greenwich s Senior High Team - Plaque Wetlands Commissions nt of Contaminated Water Darien Greenwich ste Change Riverside White Plains

[Proj#] [I	_	cnooij onors] [[Project Title]	Sponsor(s)	Award(s)		
Greenwich	Centra	I Middle Scho	ol Andrew Bram	nante			
2521	L8	1 R	Reducing Food Water to the Reducing Food Water T	aste with Early, Visual	Detection of Bread-	-Mold via BODIPY-Colorimetric Card	
		_	Amelia Foell	511-0-01	Grade 8	Town Greenwich	_
*	Stanley U.S. Me Thermo	Black & Decke tric Associatio	er Applied Techno on Certificate of ific Junior Innovat	ology Awards Mid & \$25 gift card given	dle School Finalist - by CSEF	Sciences 8th grade- \$200 & trophy Medallion e in the Thermo Fisher Scientific JIC	
Greenwich	Centra	l Middle Scho	ol Andrew Bram	nante			
5507	P8	1 D	emonstrating the	Persistence of Long I	sland Sound Polyard	omatic Hydrocarbon (PAH) Contamination	1
		Student(s)	Bridget Hadde	en	Grade 8	Town Greenwich	
*	Environr MS Fina Connect \$500 ar Thermo for sele	mily Foundation mental Science alist - CSF Medicut Science and invite to CSF scienticted top MS were seed to top M	es Awards with C dallion Feachers Associa STA Award Banqu ific Junior Innovat vinners	onnecticut Association tion's Marty Tafel Stud et	n of Conservation ar dent Research Awar mination to compete	e- Middle School- \$200 / trophy nd Inland Wetlands Commissions rd Physical Sciences 8th Grade - e in the Thermo Fisher Scientific JIC	
Greenwich	Centra	l Middle Scho	ol Andrew J Bra	ımante			
2508	L8			fic Illumination of Hyd		tems, for Increased Crop Production	_
		Student(s)	Kate Wick		Grade 8	Town Greenwich, CT	
*	U.S. Me	tric Associatio	n Certificate	Place Biotechnology 8 & \$25 gift card given botation \$125 for a	y CSEF	ct	
Greenwich	Easter	n Middle Scho	ool Andrew Brar	nante			
2531	L8	2 Ir	nplementation of	Rhizobium Nitrogen-F	ixation to Increase (Overall Crop Production, and Inhibit	
		Student(s)	Hannah Dcruz		Grade 8	Town Riverside/Greenwich	
*		mental Science e MS - \$300, Ti		onnecticut Associatio	n of Conservation ar	nd Inland Wetlands Commissions	
Greenwich	Easter	n Middle Scho	ool Andrew Bran	nante			
2503	L8	2 E	nhancement of S	leep Cycle Circadian	Rhythms via the Intro	oduction of Ambient Sounds	
		Student(s)	Rachel Golder	nberg	Grade 8	Town Greenwich	
*	Alexion Bushnel related	Biotechnology I Center for Pe	Awards Fina erforming Arts	llist - Biotechnology 8 Pair of Tickets to Mo	h grade - CSF Meda nterey Jazz Festival	allion I on tour for top project that is music-	

[SchTown	•	[School]	[Teache	•	•	A			
[Proj#]	[FCat]	[Honors]	[Project T	itiej	Sponsor(s)	Award(s)			
Greenwic	h Eas	tern Middle So	chool Andre	ew Braman	te				
5510	P8	2	Does Our D	Desire for C	Convenient Spring	Water Come at an Ex	xpense f	or Meaningful Mi	croplastic Harm?
		Student	(s) Sara Ra	ahimtula		Grade 8	Town	Old Greenwich	
	* Freer		cellence in C	Chemistry A		le School - \$300 Cas cellence in Chemistry			g by a
Greenwic	h Eas	tern Middle So	chool Andre	ew Braman	te				
2511	L8	1	Simple, Ra Biomarkers		on of Early Maturit	y-Onset Diabetes of	the Your	ng (MODY) via Ra	andom-C-Peptide
		Student	(s) Lula W	ang		Grade 8	Town	OLD GREENWI	СН
	* Stanl * Alexid * Therr	ey Black & De on Biotechnolo	cker Applied ogy Awards entific Junior	Technolog 1st Plac	y Awards 1st ce Biotechnology 8	3rd Place- Life S Place Middle School th grade - \$300 & tro mination to compete	- \$300 a ophy	and Plaque, Meda	allion
Greenwic	h Gre	enwich Cathol	ic School I	Mr. Timothy	/ Koppe				
1018	LT	2	Functional	Filtration					
		Student	(s) Grace I	3rew		Grade 8	Town	Greenwich	
			Leah C)'Meara		Grade 8	Town	Stamford	
Greenwic		enwich Cathol		Mr.Koppe	Std Place Mildd	le School - \$100 Cas	sn and 1	торпу	
		Student	(s) Emma	Drexel		Grade 8	Town	Stamford	
			Maria C	lga Athan	asiadis	Grade 8	Town	Stamford	_
Greenwic	h Gre	enwich Countr	· ·		n Haag stead of Antbiotics				
		Student	(s) lan Bed	kman		Grade 12	Town	Greenwich	
Greenwic		enwich Counti			· ·				
3089	LS	3	Algal Biofue Minimal Co		Application: A Me	tanalysis Of How To	Implem	ent Algae Based	Fuels With
		Student	(s) William	Kearns D	uran	Grade 12	Town	Old Greenwich	-
Greenwic	h Gre	enwich Countr	ry Day Schoo	ol Dr.Haa	ıa				
3034		3	· ·		<u> </u>	in Special Needs Ad	dults		
			(s) Lola Ma			Grade 12		Greenwich	
		-							-

[SchTown] [SchTown] [FCat] [School] [Teacher] Honors] [Project Title]	Sponsor(s)	Award(s)	
Greenwich Green	nwich Country Day School Na	than Haag		
6023 PS	Racial and Ethnic	Representations of Crimo	e in True Crime Do	ocumentaries
	Student(s) Rebeca Manz	20	Grade 12	Town Riverside
Greenwich Green	nwich Country Day School Dr	. Nathan Haag		
3042 LS		mongst High School athle	tes: Basketball an	
	Student(s) Sebastian Ma	ntz	Grade 12	Town Larchmont
Greenwich Green	nwich Country Day School Na	ıthan Haag		
3122 LS	3 Does diet soda he	elp with weight loss in you	ng teenagers	
	Student(s) Lucas Murray	1	Grade 12	Town Greenwich
* Institute	of Food Technologists, Nutme	eg Section \$100 awar	d + invitation to Av	wards Night Dinner with guest
Greenwich Green	nwich Country Day School Dr	. Haagt		
3128 LS	3 Bonobo Interactio	ns with the Ape Initiative		
	Student(s) Calder Perry		Grade 12	Town Cos Cob
Greenwich Green	nwich Country Day School Na	uthan Haag		
3109 LS	Will statistical mod Accumulated Cyc	dels find if the increase in lone Energy and Power D	Sea Surface Tem Dissipation Index o	perature has correlated with the furricane data since 2000?
	Student(s) Lyneth Restro	еро	Grade 12	Town Bridgeport
Greenwich Greer	nwich Country Day School Na	athan Haag		
3026 LS	The use and expe	eriments of CRISPR/Cas-l	based genome ed	iting in plants
	Student(s) Dylan Schwa	artz	Grade 12	Town BEDFORD CORNERS
Greenwich Greer	nwich Country Day School Na	athan Haag		
3115 LS	Music and the ima	agination: how compositio	nal techniques us	ed within film scores help shape the
	Student(s) Savanna She	ttler	Grade 12	Town Danbury
* Life Sc	ence Awards with support from	Boehringer Ingelheim	- Finalist - Life Sc	ience Senior High - CSF Medallion
Greenwich Greer	nwich High School Andrew Br			
3129 LS		ulation of Function of Clar ion of Atherosclerotic Pla		in Coated Hyaluronic Acid Nanoparticles for
	Student(s) Justin Bernst	tein	Grade 10	Town Greenwich
* Pepsic	Engineering Awards 2nd	Place- Engineering Senio	r High- \$300 & pla	aque

SchTown] [Sc	chool]	[Teacher]			
[Proj#] [FCat] [Ho		Project Title]	Sponsor(s)	Award(s)	
Greenwich Greenv	ich High Sch	ool Andrew Bram	ante		
3111 LS	2 D	elivery of Epicatech f Escherichia Coli o	nin via Bovine Serum / f Ocimum Basilicum	Albumin Based Na	noparticles In order to Reduce the Growth
	Student(s)	Mitchell Goldste	ein	Grade 12	Town Cos Cob
Greenwich Greenv	vich High Sch	ool Andrew Bram	ante		
6028 PS	2 D	evelopment of an E	Efficient and Easily-Ap	plicable Low-Energ	gy Process for the Degradation of PFAS
	Student(s)	Zara Haque		Grade 10	Town Riverside
Olympia * Pepsico	.d Engineering <i>A</i>	Awards Finalist	- Engineering High So	chool - CSF Medall	
			st - Biotechnology Sen d Competition for1st F		
Greenwich Greenv	ich High Sch	ool Andrew Bram	ante		
6056 PS	2 P	hotocatalytic Degra	dation of Microplastic	s Found in Southw	estern CT Drinking Water
	Student(s)	Ava Jackson		Grade 10	Town Old Greenwich
3079 LS		egradation	OTT ETT IDOI WAGO III	Grade 11	ents via Non-Toxic Ideonella Sakaiensis Town Greenwich
* Stanley E * Environn	Black & Decke	er Applied Technolo es Awards with Cor	ogy Awards Senio	r High Finalist - Me	Sciences Senior High- Plaque edallion d Inland Wetlands Commissions
Greenwich Greenv	ich High Sch	ool Andrew Bram	ante		
3099 LS		co-Friendly Remov		itiating NH4+ from	Water via SAP-Enhanced, Activated Food
	_	Audrey Lin	•	Grade 11	Town Riverside
* National	Oceanic and	Atmospheric Admir	High School Fina nistration Certifica ean Camp slot + T-Sh	te and \$25 gift card	
Greenwich Greenw	rich High Sch	ool Mr. Andrew B	ramante		
3118 LS		evelopment of a Ratatistical Analyses		ase Diagnostic thro	ugh Multilayered, Comprehensive
	_	Maximillian Lu	·	Grade 11	Town Riverside
* Alexion E	Biotechnology	Awards Finalis	st - Biotechnology Sen	ior High - CSF Med	dallion

[SchTown]	•	hool]	[Teacher]					
[Proj#]	[FCat] [Ho	nors] [I	Project Title]	Sponsor(s)	Award(s)			
Greenwich	n Greenw	ich High Scho	ool Andrew Brar	nante				
3010	LS			rapeutics for Neurolo r Predicting Drug-Ger			elopment of a Novel Machi natic System	ne
		Student(s)	Ashley Malkin		Grade 10	Town	Greenwich	
	* Infosys F	oundation Co	mputer Science A	Boehringer Ingelheim wards Senior Hig Place Biotechnology	gh Finalist - Medallio	n	Senior High- Plaque	
Greenwich	n Greenw	ich High Scho	ool Andrew Brar	nante				
6043	PS	2 Re	eversible, Tunable ectrodes for Ther	e Metal Electrodeposi mal Regulating and D	tion on Pt-Functiona ynamic Optical Prop	lized, Ind erties of	dium Tin Oxide, Transpare Smart Windows	nt
		Student(s)	Madeline Minic	hetti	Grade 12	Town	Greenwich	
	* Office of * CT Archit Architect	Naval Resear ecture Found ture Foundation	ch- U.S. Navy / U	n M. Mack, AIA Awar .ck, AIA Award.	High School- Certific	cate, \$7	5.00 gift card given by ONI d from the Connecticut	R
Greenwich	n Greenw	ich High Scho	ool Mr. Andrew	Bramante				
6008	PS	1 Co	oncurrent Remova unctional Remedia	al of Rising Soluble O ation Framework.	cean Carbon Dioxide	e and Oi	I-in-Water Contaminants v	ia Multi-
		Student(s)	Naomi Park		Grade 11	Town	Riverside	
	Individua * Stanley E * Energize * Pepsico E * Office of	al - \$200 & Pla Black & Decke CT Future Su Engineering A Naval Resear	aque er Applied Techno stainability Award wards 1st Pla rch- U.S. Navy / U	nysical Science Award logy Awards 3rd I s High School Fir ace- Engineering Seni .S. Marine Corps icate, \$25 gift card by	Place High School - nalist - Medallion for High- \$500 & plac High School- Certifi	\$ 200 ar que, cate, \$7!	nd Plaque, Medallion 5.00 gift card given by ONI	R
Greenwich	n Greenw	ich High Scho	ool Andrew Brar	mante				
3056	LS	2 In		on of Landfill Styrofoa	am Waste by Zophok	as Mori	o via an Innovative, Comp	ounded
		Student(s)	Colin Reynolds	3	Grade 9	Town	Old Greenwich	
		ental Science ist - CSF Med		onnecticut Association	of Conservation and	d Inland	Wetlands Commissions -	
Greenwich	n Greenw	ich High Sch	ool Andrew Brar	mante				
6016	PS		ynthesis and Investarvesting	stigation of Metal Org	anic Frameworks for	the Pur	pose of Atmospheric Wate	r
		Student(s)	Caitlin Tice		Grade 10	Town	Greenwich	
				logy Awards 1st F ad Competition for HS			d Plaque, Medallion ology, or Biodiversity Proje	ect

[SchTown] [Proj#] [FCa	[School]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
		School Andrew Brama		111111111111111111111111111111111111111		
6022 PS	2	Use of Cryptomelane	-Type Manganese C	xide Free Standing	Membranes for Remova	l of Oil
	Studen	Contaminants in Wate	er.	Grade 9	Town Greenwich	
						- .
HS * Ene	Finalist - CSF ergizeCT Future		High School Fin		d Inland Wetlands Comn	nissions
Greenwich G	reenwich High S	School Andrew Brama	ante			
3020 LS	2	A Zero-Waste Produc Biopesticides, and Va	ct; Pyrolytic Convers Aluable Soil Additives	ion of Walnut Shell \	Waste to Light-Hydrocar	oon Fuels,
	Studen	t(s) Keira Young		Grade 12	Town Cos Cob	
* Ass	sociation for Wo	men Geoscientists	Certificate & \$25 gif	t card given by CSE	F	_
Greenwich Sa	acred Heart Gre	eenwich Mary Musolir	10			
3027 LS	3	Investigating the Role	e of Bilingualism in E	nhancing Adolescer	nts' Selective Attention U	sing Grammatical
	Studen	t(s) Martina Bernal		Grade 12	Town Greenwich	
Greenwich Sa	acred Heart Gre	eenwich Mary Musolir	10			
3067 LS	2	The effect of tempera implications for migra			sumption rate of darkling daptability.	beetles;
	Studen	t(s) Isobel Costello	·	Grade 12	Town Stamford	_
Greenwich Sa	acred Heart Gre	eenwich Mary Musolir	10			
6050 PS	3	-		Psychological Effects	s of the Coronavirus Par	demic
	Studon	t(s) Claudia El-Masry		Grade 12	Town Bronxville	
	———	t(s) Claudia El-iviasi y		Grade 12	TOWIT DIOTIXVIIIE	-
Greenwich Sa	acred Heart Gre	eenwich Mary Musoli	no			
3507 LST	2	Testing Mars Global S for Growing Crops for		hancements includi	ng a Novel Water/Nutrie	nt Delivery System
	Studen			Grade 12	Town Greenwich	
		Isabella Leao		Grade 12	Town Greenwich	
		Robin Murphy		Grade 12	Town Cos Cob	_
* Ast Pro	ronomical Socie oject-\$150, sub	ety of Greater Hartford - scription to Sky and Tel	The Charles Hamm lescope, ASGH men	ond Award for Exce bership and meetin	ellence in Astronomy og invitation	Senior
Greenwich Sa	acred Heart Gre	eenwich Mary Musolir	10			
6026 PS	2	Using Graphene to C Conductive	reate a Starch-Base	d 3D Printed Bioplas	stic that is Thermally and	l Electrically
	Studen	t(s) Olivia Ritossa		Grade 11	Town Pelham	
* Sta	nley Black & De	ecker Applied Technolog	gy Awards Senio	or High Finalist - Me	dallion	_

SchTown [Proj#]	•	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Greenwic	h Wes	stern Middle So	chool Andrew Brama	nte			
2514	L8	3	Use of Simple, Home-	Remedy Cleansers	to Selectively Inhib	it Harmful Bacteria on Classro	om Surfaces
		Student(s) Amaya Khwaja-P	·	Grade 8	Town Greenwich	
	* Alevic	n Riotechnolo	gy Awards Finalist	- Riotechnology 8th	grade - CSE Meda	llion	
			Safety Professionals,				
Cuilford	Cuilfor	d Lliab Cabaal	Luke Rosnick				
Guilford 3005	LS	d High School		-10 Vaccine Booste	r Rates and Mortali	ty Among Different Age Group	<u> </u>
3003			s) Jason Li	-13 vaccine booste	Grade 11	Town Guilford	<u> </u>
					Grade 11	- Town Gamera	
Guilford	Guilfor	d High School	Kristie Whitcomb				
3054	LS	3	Key Family Environme	ental Factors and Th	neir Effects on Ment	al Health Among Youths	
		Student(s) Devin Lu		Grade 10	Town Guilford	
Guilford	Guilfor	d High School	Kristie Whitcomb				
6037	PS	2	Removing the Ocean'	s Noose: Designing	a Ropeless Solutio	n to the Lobster Trap	
		Student(s) Michael Neiss		Grade 12	Town Guilford	
		eastern New E EME - 1st Plac		tors (SENEME)	\$100 award and me	embership for student and tea	cher in
Guilford	Guilfor	d High School	Kristie Whitcomb				
3066	LS	1	Sounds of Change: M	usic Therapy's Effe	ct on Apathy in Park	kinson's Disease Patients	
		Student(s) Zachary Neiss		Grade 12	Town Guilford	
	* Bushr	nell Center for				ience Senior High - CSF Meda Turner Musical for top project	
Guilford	Guilfor	d High School	Yanjiao Zhou				
3088	LS	1	The impact of gut mic	robiome on COVID-	19 vaccination		
		Student(s) Catherine ZHOU		Grade 10	Town GUILFORD	
	* Life S	cience Awards	with support from Boo	ehringer Ingelheim	Finalist - Life Sc	ience Senior High - CSF Meda	allion
Hamden	Hamde	en Hall Country	Day School Paulon	ni Aldo			
2019	L7	2	Do human and dog sa	aliva have special ar	ntibacterial propertie	es and help heal wounds?	
		Student(s) Anna Aslan		Grade 7	Town Hamden	
	* Thern					ophy in the Thermo Fisher Scientifi	c JIC

L. LOJ# J LI Out J LI	lonors] [F	[Teacher] Project Title]	Sponsor(s)	Award(s)	
Hamden Hamden	-	ay School Dr. Pa	=		
3097 LS	3 Th	e Water Cycle an	d Environmental Bact	eria Resistance to A	Antiseptics
	Student(s)	Theodora Aslan	1	Grade 10	Town HAMDEN
* Energiz	eCT Future Sus	stainability Awards	s High School Fina	alist - Medallion	
Hamden Hamden	Hall Country Da	ay School Frank	Gasparro		
6005 PS	1 Ph	otometry and DN	A-psoralen Photocher	nistry with a Novel	LED Source
	Student(s)	Andrei Balas		Grade 9	Town Cheshire
* Connec Medalli		air Association Ph	ysical Science Award	s Finalist - Phys	sical Sciences Senior High - CSF
Hamden Hamden	Hall Country Da	ay School Chris	Buckley		
6507 PST	3 Us	ing Surveys to St	udy the Evolution of A	rt Generated by Ar	tificial Intelligence
	Student(s)	Helena Chaine		Grade 10	Town Orange
		Eric Huang		Grade 10	Town Guilford
* Infosys	Foundation Cor	mputer Science A	wards Senior Higl	n Finalist - Medallio	n
Hamden Hamden	Hall Country Da	ay School Paulo	omi Aldo		
2532 L8	3 Th	e effect of colored	l lights on plant growt	า	
	Student(s)	Anderson de Gi	raaf 	Grade 8	Town Hamden
Hamden Hamden		Anderson de Gi		Grade 8	Town Hamden
Hamden Hamden	Hall Country Da	ay School Paulo		Grade 8	Town Hamden
	Hall Country Da			Grade 8	Town Hamden Town New Haven
2522 L8	Hall Country Da	ay School Paulo ue Light Blues	omi Aldo		
2522 L8 Hamden Hamden	Hall Country Da Student(s) Hall Country Da	ay School Pauloue Light Blues Samantha Diaz ay School Dr. Pa	omi Aldo atrick Fitzgerald	Grade 8	
2522 L8 Hamden Hamden	Hall Country Da Student(s) Hall Country Da 3	ay School Pauloue Light Blues Samantha Diaz ay School Dr. Pa	omi Aldo	Grade 8	
Hamden Hamden 3085 LS	Hall Country Da 2 Blu Student(s) Hall Country Da 3 Th Student(s)	ay School Paulo ue Light Blues Samantha Diaz ay School Dr. Pa e effect of storm o	omi Aldo atrick Fitzgerald drains on bacteria and	Grade 8 water quality	Town New Haven
Hamden Hamden 3085 LS Hamden Hamden	Hall Country Da Student(s) Hall Country Da 3 Th Student(s) Hall Country Da	ay School Paulo ue Light Blues Samantha Diaz ay School Dr. Paulo e effect of storm of Kaleb Fiore	omi Aldo atrick Fitzgerald drains on bacteria and	Grade 8 water quality Grade 9	Town New Haven
Hamden Hamden 3085 LS	Hall Country Da Student(s) Hall Country Da 3 Th Student(s) Hall Country Da	ay School Paulo Le Light Blues Samantha Diaz ay School Dr. Paulo E e effect of storm of Kaleb Fiore ay School Patrio Gects of Rain Gard	omi Aldo atrick Fitzgerald drains on bacteria and	Grade 8 water quality Grade 9	Town New Haven
Hamden Hamden 3085 LS Hamden Hamden 6053 PS	Hall Country Da 2 Blu Student(s) Hall Country Da 3 Th Student(s) Hall Country Da 3 Eff Student(s)	ay School Paulo ue Light Blues Samantha Diaz ay School Dr. Paulo e effect of storm of Kaleb Fiore ay School Patrio fects of Rain Gard Josh Huy	atrick Fitzgerald drains on bacteria and ck Fitzgerald lens on Water Quality	Grade 8 water quality Grade 9 in the Mill River	Town New Haven Town Southington, CT
Hamden Hamden 3085 LS Hamden Hamden 6053 PS	Hall Country Da 2 Blu Student(s) Hall Country Da 3 Th Student(s) Hall Country Da 3 Eff Student(s) Hall Country Da	ay School Paulo July Light Blues Samantha Diaz ay School Dr. Paulo Reffect of storm of the s	atrick Fitzgerald drains on bacteria and k Fitzgerald lens on Water Quality	Grade 8 water quality Grade 9 in the Mill River Grade 11	Town New Haven Town Southington, CT Town Middlebury
Hamden Hamden 3085 LS Hamden Hamden 6053 PS	Hall Country Da 2 Blu Student(s) Hall Country Da 3 Th Student(s) Hall Country Da 3 Eff Student(s) Hall Country Da 1 Ex	ay School Paulo ue Light Blues Samantha Diaz ay School Dr. Paulo e effect of storm of Kaleb Fiore ay School Patrio fects of Rain Gard Josh Huy ay School Dr. Paulo foliated graphite a	atrick Fitzgerald drains on bacteria and ek Fitzgerald lens on Water Quality atrick Fitzgerald	Grade 8 water quality Grade 9 in the Mill River Grade 11	Town New Haven Town Southington, CT Town Middlebury
Hamden Hamden 3085 LS Hamden Hamden 6053 PS	Hall Country Da 2 Blu Student(s) Hall Country Da 3 Th Student(s) Hall Country Da 3 Eff Student(s) Hall Country Da 1 Ex	ay School Paulo July Light Blues Samantha Diaz ay School Dr. Paulo Reffect of storm of the s	atrick Fitzgerald drains on bacteria and ek Fitzgerald lens on Water Quality atrick Fitzgerald	Grade 8 water quality Grade 9 in the Mill River Grade 11	Town New Haven Town Southington, CT Town Middlebury

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Hamden Hall Country Day School Chris Buckley 3080 MiMe- Mindly Meditation Student(s) Neev Makin Grade 9 Town Hamden * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High - CSF Medallion Hamden Hamden Hall Country Day School Paulomi Aldo 2527 F.I.D (Fraternal, Identical, Doppelganger) Student(s) Zhanna Milani Grade 8 Town Wallingford Hamden Hamden Hall Country Day School Paulomi Aldo 2501 How can interacting with different species of animals have different mental affects on humans? Student(s) Landon Sassu-Martin Grade 8 Town Berlin Hamden Hamden Hall Country Day School Paulomi Aldo 2517 L8 How different environmental conditions affect the growth of e-coli bacteria Student(s) Alessandra Sticca Grade 8 Town Milford Hamden Hamden Hall Country Day School Gina DAngelo Impact of Chitosan Polysaccharide (From Chitin) on Intestinal Health 3058 LS 3 Student(s) Sophia Vash Grade 9 Town Fairfield CT * Alexion Biotechnology Awards --- Finalist - Biotechnology Senior High - CSF Medallion Hamden Hamden Hall Country Day School Frank Gasparro 6042 The Effect of Cooling on the Properties of Amorhous Solids Student(s) Andrew Yang Grade 9 Town Southbury Hamden Hamden Hall Country Day School Paulomi Aldo 2512 The Effect of Temperature on Trypsin Activity on the digestion of Bugs Student(s) Cooper Zebrowski Grade 8 Town Branford Hamden Hamden Hall Country Day School Frank Gasparro 3515 | LST A model system for the effect of ash produced by wildfire on glacier melting Student(s) Huiwen Zeng Grade 11 Town Cheshire Jiahui Chen Town New Haven Grade 10 * Life Science Awards with support from Boehringer Ingelheim --- Finalist - Life Science Senior High Team - CSF Medallion Hamden Hamden Hall Country Day School Frank Gasparro Tactile Stimulation: Temperature and Class Engagement Student(s) Qianlin Zhou Grade 11 Town Hamden

Proj#] [FCat] [Project Title]	Sponsor(s)	Award(s)			
		ay School Stephe		- 1 1-4 - 11:			
6014 PS			Model Using Artific		T	Llamdon	
	Student(s)	Yue Znuo		Grade 11	Iown	Hamden	
Hamden Sacred	Heart Academy	Doctor Wendy Do	ecter				
3087 LS	2 Pr	esence of America	n Foulbrood in Beel	nives			
	Student(s)	Sophia Carrasco)	Grade 9	Town	Hamden	
Hamden Sacred	Heart Academy	Dr. Wendy Decte	er				
3037 LS	2 Do	turmeric and cum	in protect Daphnia's	heart when it is exp	osed to	caffeine?	
	Student(s)	Lillian Cochran		Grade 9	Town	New Haven	
Hamden Sacred	Heart Academy	Dr. Christophy					
3081 LS			n Between Covid-19	and Scented Candl	e Reviev	NS?	
0001 LO		Julia DeFrances		Grade 10		Hamden	
Hamden Sacred	Heart Academy	Elizabeth Christo	phy				
6032 PS	3 Ca	an Heat Beat Your	Speed?				
						I lamadam	
	Student(s)	Camila Ferro		Grade 10	Town	Hamden	
Hamden Sacred	Student(s) Heart Academy		phy	Grade 10	Town	Hamden	
Hamden Sacred	Heart Academy	Elizabeth Christo		Grade 10			s
	Heart Academy	Elizabeth Christo	Stress Subscales		s: A Seco		S
3043 LS	Heart Academy 3 Se Student(s)	Elizabeth Christo econdary Traumatic Rachel Harrison	Stress Subscales	in Psychiatric Nurses	s: A Seco	ondary Data Analysi	S
3043 LS Hamden Sacred	Heart Academy 3 Se Student(s) Heart Academy	Elizabeth Christo econdary Traumation Rachel Harrison Wendy Decter	Stress Subscales	in Psychiatric Nurses Grade 10	s: A Seco	ondary Data Analysi	S
3043 LS	Heart Academy 3 Se Student(s) Heart Academy 2 Ele	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad	Stress Subscales	in Psychiatric Nurses Grade 10 Infiltrator	: A Seco	ondary Data Analysi: MILFORD	S
3043 LS Hamden Sacred	Heart Academy 3 Se Student(s) Heart Academy 2 Ele	Elizabeth Christo econdary Traumation Rachel Harrison Wendy Decter	Stress Subscales	in Psychiatric Nurses Grade 10	: A Seco	ondary Data Analysi	S
Hamden Sacred	Heart Academy 3 Se Student(s) Heart Academy 2 Ele	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad Divya Sankar	Stress Subscales	in Psychiatric Nurses Grade 10 Infiltrator	: A Seco	ondary Data Analysi: MILFORD	S
Hamden Sacred	Heart Academy 3 Se Student(s) Heart Academy 2 Ele Student(s)	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad Divya Sankar	Stress Subscales	in Psychiatric Nurses Grade 10 Infiltrator	: A Seco	ondary Data Analysi: MILFORD	S
Hamden Sacred 3070 LS Hamden Sacred	Heart Academy 3 Se Student(s) Heart Academy 2 Ele Student(s) Heart Academy	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad Divya Sankar	Stress Subscales	in Psychiatric Nurses Grade 10 Infiltrator	Town	ondary Data Analysi: MILFORD	S
Hamden Sacred 3070 LS Hamden Sacred 3059 LS	Heart Academy 3 Se Student(s) Heart Academy 2 Ele Student(s) Heart Academy 2 Will Student(s)	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad Divya Sankar Dr.Decter hat insulation is the	iation: The Invisible	in Psychiatric Nurses Grade 10 Infiltrator Grade 9	Town	ondary Data Analysi MILFORD Naugatuck	S
Hamden Sacred 3070 LS Hamden Sacred 3059 LS	Heart Academy 3 Se Student(s) Heart Academy 2 Ele Student(s) Heart Academy 2 Will Student(s)	Elizabeth Christo econdary Traumatic Rachel Harrison Wendy Decter ectromagnetic Rad Divya Sankar Dr.Decter hat insulation is the	iation: The Invisible	in Psychiatric Nurses Grade 10 Infiltrator Grade 9	Town	ondary Data Analysi MILFORD Naugatuck	S

Connecticut Science Fair / www.ctsciencefair.org

[SchTown] [School] [Proj#] [FCat] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)		
Hartford A.I. Prince Techni	ical High School Sarah W	/ilby			
6511 PST 3	Bibby Socks - heating	your feet with the p	ower of your steps		
Stude	ent(s) Essence Telford		Grade 11	Town New London	
	Brandon Sanchez	!	Grade 11	Town Hartlford	
	Camille Edmonds	on	Grade 11	Town Hartford	
* EnergizeCT Alte * Constellation En	ernative & Renewable Energ nergy 1st: \$150.00 Cas	gy Awards Hig sh - Grade 9 - 12: F	n School Finalist - M or Excellence in clea	edallion an renewable / sustainable er	nergy
Hartford Environmental Sc	ciences Magnet School R	ebecca Hays			
2506 L8 2	How does the applicat winter weather events	ion of granular sod affect the quality o	ium chloride and liqu f nearby bodies of w	uid magnesium chloride befor ater?	e and during
Stude	ent(s) Elizabeth D'Agos	tino	Grade 8	Town New Britain	
* The Jackson Lal 5th Place Middl * National Oceani * Southeastern Ne SENEME - 1st	boratory with Connecticut A le School - Trophy, Medallio c and Atmospheric Adminis ew England Marine Educato Place Junior	Academy of Science on stration Certific ors (SENEME)	e and Engineering U ate and \$25 gift card \$100 award and me	Middle Schools- \$100 / troph Irban School Challenge Awar I given by CSEF embership for student and tea local water quality study, \$10	ds acher in
Hartford Renzulli Academy	y Foifon Teawdatwan				
5508 P8 3	Experiment Vital				
Stude	ent(s) Elisha Adeniran		Grade 8	Town New Britian	
Hartford Renzulli Academy	y Foifon Teawdatwan				
4005 PT 3	Robot Strength				
Stude	ent(s) Litish Deepa		Grade 7	Town Hartford	
	Sameer Shirzai		Grade 7	Town Hartford	
	Ericson Grullon		Grade 7	Town hartford	
Kent Kent School Jesse	Klingebiel				
6024 PS 2	Caterpillar Bot (Modula	ar All-Terrain Rove	^)		
Stude —	ent(s) Xiaonian Feng		Grade 11	Town Marlborough, MA	
Kent Kent School Jesse	Klingebiel				
3045 LS 1	Cell type-specific expre addiction	ession of the moled	cular players in mous	se prefrontal cortex during co	caine
Stude	ent(s) Eric Teng		Grade 11	Town San Marino	
	ards with support from Boe tro Biology Certificate a			Sciences Senior High- \$300 8	k Plaque
Lakeville The Hotchkiss So	chool Alireza Soltani				
3030 LS 2	The Effects of Caffeine	e on Adolescents' A	cademic Concentra	tion, Anxiety, and Performan	ce
Stude	ent(s) Aiden Wang		Grade 10	Town Hillsborough	

[SchTown] [S [Proj#] [FCat] [H	School] Ionors] [[Teacher] Project Title]	Sponsor(s)	Award(s)			
Lakeville The Hot	chkiss School	Richard Kirby					
6049 PS	2 A	ssisting Carbon Neut	ralization: Automate	d Energy-saving C	ontrolle	r for Household A	ppliances
	Student(s)	Da Zhuo (Alejand	ro) Zheng Zhou	Grade 11	Town	Lakeville	
* Stanley	Black & Decke	er Applied Technolog	y Awards Senio	High Finalist - Me	edallion		
Litchfield Wamog	o Regional Hig	h School Fred Jaq	uin				
6041 PS	M	easuring Our Place i	n the Solar System:				
	Student(s)	Ryan Emanuel		Grade 10	Town	Morris	
Medalli * M&T Ba * Astrono	ion Ink Mathemation mical Society o	air Association Phys as Awards 2nd Pl of Greater Hartford - otion to Sky and Tele	ace High School- \$3 The Charles Hammo	300 and Plaque and Award for Exce	ellence i	n Astronomy	
Manchester Manc	hester High So	chool Jeffrey Labas	i				
3019 LS	1 T	ne Isolation And Iden	tification Of Polystre	ne Degrading Bac		•	rio
	Student(s)	Paris Bazemore		Grade 12	Town	manchester	_
* Alexion * Stockho	Biotechnology olm Junior Wate chester High So	vith support from Boe Awards 4th Place er Prize Certifica chool Wendy Turek hort-term Guided Mir	e Biotechnology Se te, \$25 gift card by C -Hernandez	nior High - plaque SEF, possible adv	ance to	further competition	on
	Student(s)	Natalie Christoph	er	Grade 12	Town	Manchester	
Manchester Manc	hester High Sc	chool Wendy Turek	-Hernandez				
6039 PS	_	iodiesel optimization		ess			
	Student(s)	Sean Sourinho	<u>.</u>	Grade 12	Town	Manchester	-
Manchester Manc	hester High So	chool Wendy Turek	-Hernandez				
3013 LS		pectrophotometric De nder Different Condit		otal Polysaccharid	e Conte	nt of Ganoderma	Lucidum Grown
	Student(s)	Sylvia Squatrito		Grade 12	Town	Manchester	
* Alexion	Biotechnology	Awards Finalist	- Biotechnology Sen	ior High - CSF Me	dallion		-
Manchester St. Ja	ames School	Ellen Oei					
1013 LT	2 A	mazing Ants.					
	Student(s)	Noah Gendreau		Grade 7	Town	Lebanon	
		Dylan Ghezzi		Grade 7	Town	Manchester	
* Alexion	Biotechnology	Awards Finalist	- Biotechnology 7h g	rade - CSF Medal	lion		-

[Schrown] [Schrown] [Schrown] [FCat] [F	-	[Teacner] roject Title]	Sponsor(s)	Award(s)		
Manchester St. Ja		Ellen Oei	Cpones.(e)	7111414(0)		
5005 P7		ich Rock is more Po	rous?			
3003 17	Student(s)		1003:	Grade 7	Town	Manchester
* Connec \$200 &	ticut Science Fa trophy	ir Association Physic	al Science Awards	2nd Place- Ph	nysical S	Sciences 7th Grade Ind
* Thermo	Fisher Scientifi	c Junior Innovators C	hallenge Nomina	ation to compete	in the T	hermo Fisher Scientific JIC
	ected top MS wir v/Historic Project		\$50 - Farth Science	- Field work with	Geologi	c or historic value MS
0.00.09	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				G. G G. G G.	
Manchester St. Ja		Ellen Oei				
2021 L7		ısh Your Teeth				
	Student(s)	Matthew Taylor		Grade 7	Town	Columbia
Meriden H.C. Wild	ov Tochnical Hi	gh School Charles	Pollo			
6517 PST		ulation Temperature				
0017 101		Chase Casner	Control	Grade 11	Town	Cheshire
		Krystian Colbert		Grade 11		Southington
		Angel Suarez		Grade 11		New Britain
Meriden H.C. Wild	cox Technical Hi	gh School Charles	Rolle			
6510 PST	2 En	ergy Efficient Apartm	ent			
	Student(s)	David Hardy		Grade 10	Town	Wallingford
		Connor Wright		Grade 10	Town	Meriden
		Ethan McMahon		Grade 10	Town	Southington
* Energiz	eCT Alternative	& Renewable Energy	y Awards 3rd Pla	ce High School -	\$200 C	ash and Plaque
Middletown Xavie	r High School	David Applegate				
3012 LS		e Effects of Electrical	Currents in Plant Gr	owth		
	Student(s)	Benjamin Akarato	vic	Grade 10	Town	Wethersfield
Milford Harborside	e Middle School	Independent				
2004 L7		ding the most effection on juice, cold/hot/ro				r knobs using natural substances
	Student(s)	Sahithi Alla		Grade 7	Town	Milford
* Alexion	Biotechnology /	Awards 5th Place	Biotechnology 7th g	rade - trophy		
Milford Harborside	e Middle School	Independent				
2523 L8		ect of 3 solutions(Tapates to plant growth.	o water, Salt water, S	ugar water) on p	lants in	Natural light Vs. Artificial light as it
		Sathvik Alla		Grade 8	Town	Milford

[Droi#] [ECa+]	[School]	[Teacher]	Spansor(s)	Award(a)		
[Proj#] [FCat]		Project Title]	Sponsor(s)	Award(s)		
	echnical High Scho		an Duais at			
3508 LST	3Uı	rban Hub Revitalizati	on Project			
	Student(s)	Ashley Ramos		Grade 12	Town	Bridgeport
		Bruno Valdivia		Grade 12	Town	West Haven
		Katelyn Zayas		Grade 12	Town	New Haven
Stip * CT A Arch	end to Compete a rchitecture Found nitecture Foundation	t GENIUS Olympiad	I. Mack, AIA Award AIA Award.	\$250 Amazon	Gift Cca	al High School, Plaque & ard from the Connecticut
lew Haven En	gineering and Sci	ence University Magı	net School Alyssa	Anderson		
2519 L8	3Th	ne Effect of Sugar on	Yeast Fermentation	n		
	Student(s)	Titiladeoluwa Ade	niran	Grade 8	Town	Seymour
* The .	Student(s)	Mari Arnold		Grade 10 Grade 10	Town	Seymour Stratford
	Jackson Laborato ior High Finalist -		cademy of Science	and Engineering U	Irban Sc	nool Challenge Awards
Seni	ior High Finalist - gineering and Sci	Medallion ence University Magi	net School Roger	Rushworth		
Seni	ior High Finalist - gineering and Sci	Medallion ence University Magi	net School Roger	Rushworth		amination by Heavy Metals and
Seni	gineering and Sci	Medallion ence University Magivestigating The Effec	net School Roger	Rushworth	oil Conta	
Seni New Haven Eng 2509 L8 * Life S * The S 3rd * Envir	gineering and Science Awards w Jackson Laborato Place Middle Science Conmental Science Place MS- \$100, Tre	Medallion ence University Magnovestigating The Effect of	net School Roger stiveness Of Biocha hringer Ingelheim scademy of Science y, Medallion ecticut Association	Rushworth r In Remediating So Grade 8 5th Place- Life So e and Engineering U of Conservation and	Town ciences	mination by Heavy Metals and Milford
Seni New Haven Eng 2509 L8 * Life S * The S 3rd I * Alexi	gineering and Science Awards w Jackson Laborator Place Middle Schoonmental Science Place MS- \$100, Tre on Biotechnology	Medallion ence University Magnovestigating The Effect of	net School Roger stiveness Of Biocha hringer Ingelheim scademy of Science y, Medallion ecticut Association e Biotechnology 8t	Rushworth r In Remediating So Grade 8 5th Place- Life So e and Engineering U of Conservation and	Town ciences	Milford 8th grade- trophy hool Challenge Awards
Seni New Haven Eng 2509 L8 * Life S * The S 3rd I * Alexi	gineering and Science Awards w Jackson Laborator Place Middle Schoonmental Science MS-\$100, Tron Biotechnology gineering and Science 2	Medallion ence University Magnivestigating The Effect of	net School Roger stiveness Of Biocha hringer Ingelheim cademy of Science y, Medallion ecticut Association e Biotechnology 8t	Rushworth r In Remediating So Grade 8 5th Place- Life So and Engineering Lo of Conservation and an grade- trophy Rushworth	Town ciences rban Sc	Milford 8th grade- trophy hool Challenge Awards

[SchTown]	[School]	[Teacher]				
[Proj#] [FCa	at] [Honors]	[Project Title]	Sponsor(s)	Award(s)		
New Haven	Engineering and	Science University Mag	net School Roger	Rushworth		
6079 PS	1	An Analysis of the Effice Each RFID Reader Ob		FID Readers Base	d on the Thickness, Dista	nce, and Density o
	Student	(s) Nivrith Ananth lye	er	Grade 9	Town West Haven	
		e Fair Association Phys	ical Science Award	s Finalist - Phy	sical Sciences Senior Hig	- _I h - CSF
	edallion e Jackson Labor	atory with Connecticut A	Academy of Science	e and Engineering l	Urban School Challenge	Awards
Se	enior High Finali	ist - Medallion	-		_	
	nnecticut College ard from CSEF	e-Physics, Astronomy, &	& Geophysics Dept.	Senior Award:	Certificate, & teeshirt &	\$25 Amazon
New Haven	Engineering and	Science University Mag	net School Mr. Ro	oger Rushworth		
6038 PS	2	Which Type of Rocket High Output, Height, D	Oxidizer Can Com Distance, and Time?	bine with a Solid-P	ropellant Rocket Fuel in C	order to Produce a
	Student	(s) Parth Gokhale		Grade 9	Town Milford	
						_
New Haven	Engineering and	Science University Mag	net School Roger	Rushworth		
2534 L8	1	Design and Implement Precise Cervical Canc	tation of a Novel Ma er Detection via Bio	achine-Learning-Ba ppsy Sample	sed System Utilizing Fea	ture Extraction for
	Student	(s) Ethan Joseph		Grade 8	Town West Haven	
					ciences 8th grade - CSF M	- ⁄ledallion
		al Biology and Bioinforn			:nooi - \$300, Tropny Urban School Challenge /	Awards
19	st Place Middle S	School - \$300 and Troph	y, Medallion		_	-warus
	•	Computer Science Awa				
* Co Cl	nnecticut Acader hallenge 1st MS-	my of Science and Engi - \$250 Cash Award, Invi	neering Middle Sch te to attend CASE's	ool Urban School (s Annual Meeting	Challenge Award Urba	an School
		ogy Awards 2nd Pla				
* The	ermo Fisher Scie r selected top MS	entific Junior Innovators S winners	Challenge Non	nination to compete	in the Thermo Fisher Sci	entific JIC
* Th	e Community Fo		w Haven's Milton F	isher Awards for In	novation and Creativity -	For
* Url		lenge 1st Place Middle S			ng 8th grader - GENIUS (Olympiad
* GE	ENIUS Olympiad	GENIUS Olympiad	Competition for Hig	hest Placing USC	8th grade Project	
* Co	nnecticut Inventi				rophy & Invitation to com	pete at the
New Haven	Engineering and	Science University Mag	net School Ms. A	lyssa Anderson		
3016 LS	2	Investigating the Usag Contaminants in an Ad		Clay Composites fo	or the Efficient Removal o	f Emerging
	Student	t(s) Snigtha Mohanraj	•	Grade 10	Town Ansonia	
				e and Engineering l	Urban School Challenge /	- Awards
41	n riace fiigh Scr	hool - Plaque, Medallion	I			

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

^{*} Aquarion Water Company --- 1st, \$150.00 Cash - Grade 9-12 For Excellence in Water Quality or Environmental Management

^{*} The Community Foundation for Greater New Haven Ecology, Environmental, and Alternative Energy Research Prize
--- Urban Public School Environmental / Energy Award - \$500

[Proj#] [FCat] [H	cnooij onors] [F	[Teacner] Project Title]	Sponsor(s)	Award(s)			
New Haven Engine	eering and Scie	ence University Magn	et School Roger	Rushworth			
2502 L8	2 Th	e Effect of Ocean Ac	idification on Coral	Reef Growth			
	Student(s)	Adithi Variar		Grade 8	Town	Wallingford	
Middle * Alexion I * U.S. Age	School Finalis Biotechnology a ency for Interna	y with Connecticut A t - Medallion Awards Finalist - ational Development Individual - 1 Ocean	Biotechnology 8th (USAID) Certifi	grade - CSF Medal cate and \$25 gift ca	llion ard giver	n by CSEF	wards
New Haven Sound	School Char	rles Mulligan					
3520 LST		tential role of proxim ginica)	ity to creek source	water on populatior	n dynam	ics of Eastern Oy	ster (Crassostrea
	Student(s)	Emma Bigman		Grade 10		Middlebury	
		Sofia Roberts		Grade 10	Town	Branford	
Medallid	on	th support from Boeh				· ·	CSF
New Haven Sound	School Chu	ck Mulligan					
3511 LST	3 Po	tential Impact of Hea	vy Rain Events on tewater Treatment	Coastal Bacterial P Facilities	opulatio	ons: Modeling Hur	man Impact in
	Student(s)	Cora FitzGerald		Grade 10	Town	Guilford	
		Britney Xochipited	catl Cuahtepitzi	Grade 10	Town	New Haven	
* GENĬUS	Olympiad	stainability Awards GENIUS Olympiad (sity Project
New Haven Sound		ck Mulligen Itential Role of High F	Poinfall Evente on I	applied Diver Flow	.,		
		Tamzin Maines	naimaii Evenis on i	Grade 10		Old Saybrook	
New Haven Sound	School Chai	rles Mulligan					
3504 LST	3 Po	tential Impacts from mulus polyphemus):	Anthropogenic Influ Implications for Su	iences on Phenotyprvivorship	oic Plast	ticity of Juvenile H	lorseshoe Crabs
	Student(s)	Gabriella Spata		Grade 12	Town	New Haven	
		Ruby Blustajn		Grade 12	Town	Hamden	
Nava Milford Conta		A due La la O ida					
New Milford Cante		Andrew John Smith e Diversity of Cichlid					
0013 73		Yuntong Chu	risiles	Grade 11	Town	New Milford	
	- Cladelit(8)	- unitering office		Glaut II	IOWII	. 10 W WIIIIOI U	
Newtown Newtown	n High School	Timothy Dejulio					
3011 LS	3 Th	e Role of Hepatic St	ellate Cells in Liver	Regeneration			
	Student(s)	Kaylin Brissette		Grade 9	Town	Sandy Hook	

	chool]	[Teacher]	Spanoau(a)	Award(a)		
[Proj#] [FCat] [H	n High School	Project Title] Timothy Dejulio	Sponsor(s)	Award(s)		
6045 PS		ng Pong Robot				
		Aiden Burbank		Grade 11	Town Sandy Hook	_
Newtown Newtown	n High School	Timothy Dejulio				
3107 LS	3 Tr	ansmissible Spongifo	rm Encephalopath	ies: A Possible Trea	atment	
	Student(s)	Beatrice Cardamor	ne	Grade 10	Town Sandy Hook	_
Newtown Newtown	n High School	Timothy Dejulio				
6054 PS	3 De	evelopment of Soft Ro	botic Arms Which	Mimic Biological Sy	stems and Structures	
	Student(s)	Maura Daly		Grade 12	Town Sandy Hook	_
Newtown Newtown	n High School	Timothy Dejulio				
3041 LS		nalysis of previous and veloping a new treatr		based treatments fo	or Huntington's disease	with the goal of
	Student(s)	Annabelle Foley		Grade 10	Town Sandy Hook	_
Newtown Newtown	n High School	Timothy DeJulio				
6004 PS	3 Th	e MacroEnvironment				
	Student(s)	Filippo Formica		Grade 12	Town Sandy Hook	_
Newtown Newtown	n High School	Timothy Dejulio				
6075 PS	2 Al	Based Skin Cancer [Detection System			
	Student(s)	Aadit Jerfy		Grade 10	Town Newtown	_
lewtown Newtowr	n High School	Timothy Dejulio				
6010 PS	2 Lir	ne Follower Car				
	Student(s)	Emily Li		Grade 10	Town Newtown	_
* Dreams	Unlimited Awa	rd \$150 cash awa	ard and certificate			
		Timothy Dejulio	- IN			
3101 LS		e Effect of Placebos	and Nocebos on P	•	— O	
* Life Scie		Anna White ith support from Boeh	ringer Ingelheim -	Grade 12 Finalist - Life Sci	Town Sandy Hook ence Senior High - CSF	_ Medallion

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Sponsor(s) Award(s) Norwich Technical High School Kaminski/Pelloni Sustainably Providing Vegetables in Accordance to Overpopulation 3527 Student(s) Emerson Alexy Grade 11 Town Old Saybrook **Kelvin Lam** Grade 11 Town Norwich * EnergizeCT Technical High School Science & Technology Awards --- 2nd Place- Technical High School, \$300, Plaque Norwich Norwich Technical High School Tiffani Kaminski Using Zeolite Clinopitolite to Reduce Methane Emissions From Food Waste 3506 LST Student(s) Morgan Cook Grade 11 Town Higganum Sydney Brown Grade 11 Town Uncasville * EnergizeCT Technical High School Science & Technology Awards --- Technical High School Finalist - medallion Norwich Norwich Technical High School Mrs. Kaminiski 3523 LST Environmental Friendly Methods for Deicing Roads Student(s) Keyonna Hayes Town Uncasville Grade 11 Aliyah Mayo Grade 11 Town Lisbon * EnergizeCT Technical High School Science & Technology Awards --- 3rd Place- Technical High School, \$200, Plaque **Norwich** Norwich Technical High School Tiffani Kaminski Deangelis Inserting pET21b(+) Gene from Ideonella sakaiensis into Vibrio natriegens for Potentially Enviormenttaly 3502 LST Friendly Polyethylene Terephthalate Plastic Biodegradation. Student(s) **Elijah Smith** Grade 11 Town Norwich **Jack Barnett** Grade 11 Town Colchester Norwich Norwich Technical High School Tiffani Kaminski How Agricultural Runoff Affects The Oceans Blodiversity 3514 LST Student(s) Beverly Valle Grade 11 Town Montville **Grace Fuchs** Grade 11 Town Montville * EnergizeCT Technical High School Science & Technology Awards --- Technical High School Finalist - medallion Norwich Norwich Technical High School Tiffani Kaminski 3518 LST An Easy System to Filter Water and Improve Plant Growth Student(s) Deijanai Vergara Grade 11 Town Norwich Julia Dexter Grade 11 Town Waterford **Emily Lopez** Grade 11 Town New London

[SchTown] [Proj#] [FCat]	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)			
Pawcatuck St. I	Michael School	Mrs Grossomanides					
5003 P7	1F	our Fab Fats					
	Student(s) Connor Anderson		Grade 7	Town	Pawacatuck	
* Conn & tro		Fair Association Physi	cal Science Awards	s 3rd Place- Ph	ysical S	ciences 7th Grade	e Ind \$100
Pawcatuck St. I	Michael School	Anna Helene Grosso	omanides				
2023 L7	3	mpact of Contaminant	s of Emerging Cond	ern on Bean Seed	Germin	ation and Growth	
	Student(s) Addison Cadmus		Grade 7	Town	Pawcatuck	
		y Awards 2nd Plac s Alumni Middle S			ophy		•
Pawcatuck St. I	Michael School	Anna-Helene Grosso	omanides				
2524 L8	2	Conservation of the Mo	onarch Butterfly				
	Student(s) Gianna Giovanell	İ	Grade 8	Town	Westerly, RI	
Pawcatuck St. I	Michael School	Anna-Helene Grosso	omanides				
5503 P8	3	Oo Fans Actually Cool	You Off?				
	Student(s) Gianna Kennedy		Grade 8	Town	Pawcatuck	
Pawcatuck St. I	Michael School	Mrs.Grossomanides					
2016 L7	3	Aquatic Plants in Action	n				
	Student(s) Sarah Previty		Grade 7	Town	Pawcatuck	
Pomfret Pomfre	t School Josh	ua Lake					
6015 PS	3 F	Research on sound ge	neration through me	echanical design fo	r pedest	trian safety during	low-speed driving
	Student(s) Yuna Cho		Grade 10	Town	Pomfret	
	ecticut Academy ologist	of Audiology \$20	0 Award - For Exce	ellence in Audiology	and Ac	oustics, opport. to	shadow an
Pomfret Pomfre	t School Josh	ua Lake					
3049 LS		Detection and Remedia Bioplastic (BioCore)	ation of War Pollute	d Soil Using Deep	Learning	Robot and Soil F	Remediating
	Student(s) Yuree Oh		Grade 11	Town	Seoul	
* Infosy * Natio	s Foundation C	with support from Boel omputer Science Awa That's Geography! - C	rds 1st Place H	igh School - \$500,	Plaque	•	

		[Tanahau]				
	=	[Teacher]				
[Proj#] [FCat] [Honors] [P	roject Title]	Sponsor(s)	Award(s)		
Pomfret Pomfret	School Bill Ma	rtin				
3062 LS	2 Su	stainable Agricultur	e at Your Finger Tip	S		
	Student(s)	Zhoutong Qi		Grade 11	Town Wellesley	
						_
Redding CT STE	M Fair Catherir	ne Piscitelli				
3104 LS			ability of Telehealth (Consults for Muscu	lloskeletal Surgical Patier	nts with Differing
0.0., 20		urance Plans				
	Student(s)	Anchal Bahel		Grade 12	Town Woodbridge	_
Redding CT STE	M Fair Catherii	ne Piscitelli				
3110 LS			ts of Prolonged Star	vation on the Survi	val, Growth, and Develop	ment of Lymantria
00		par				
	Student(s)	Sabrina Osowiecl	ki	Grade 10	Town Redding	
* Life Sci	ence Awards wit	th support from Boe	hringer Ingelheim -	Finalist - Life Sc	ience Senior High - CSF	– Medallion
* Bannin	g Family Life Sci	ence Award Fo	or excellence in inva	sive species resear	ch, \$100 cash	Wicdamori
Redding CT STE		ne Piscitelli				
Redding CT STE	2 An	alyzing the distribut		tion, and substituti	on mutations in the gene	encoding the
3	2 An	alyzing the distribut ike protein of COVI				encoding the
3	2 An	alyzing the distribut ike protein of COVI		tion, and substituti	on mutations in the gene Town Orange	encoding the
3119 LS	2 An. Sp. Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar				encoding the
3119 LS Ridgefield Ridge	2 An. Sp Student(s) field High Schoo	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes	D	Grade 10	Town Orange	encoding the
3119 LS	2 An. Sp Student(s) field High Schoo 2 The	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic a		Grade 10	Town Orange	encoding the
3119 LS Ridgefield Ridge	2 An. Sp Student(s) field High Schoo 2 The	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes	D	Grade 10	Town Orange	encoding the
Ridgefield Ridge	2 An. Sp Student(s) Field High Schoo 2 The Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak	D	Grade 10	Town Orange	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge	2 An. Sp. Student(s) Field High Schoo 2 The Student(s) Field High Schoo	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes	D rchitecture on the pe	Grade 10 erception of trustab	Town Orange	encoding the
Ridgefield Ridge	2 An. Sp Student(s) field High Schoo 2 The Student(s) field High Schoo 3 Is t	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy B	D	Grade 10 erception of trustab Grade 12	Town Orange ility in social robots Town Ridgefield	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge	2 An. Sp Student(s) field High Schoo 2 The Student(s) field High Schoo 3 Is t	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes	D rchitecture on the pe	Grade 10 erception of trustab	Town Orange	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS	2 An. Sp Student(s) field High Schoo 2 The Student(s) field HIgh Schoo 3 Is t Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy E Maya Chauhan	D rchitecture on the pe	Grade 10 erception of trustab Grade 12	Town Orange ility in social robots Town Ridgefield	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge	2 An. Sp Student(s) field High Schoo 2 The Student(s) field HIgh Schoo 3 Is t Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy E Maya Chauhan I Patrick Hughes	rchitecture on the pe	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS	2 An. Sp Student(s) field High Schoo 2 The Student(s) field High Schoo 3 Is t Student(s) field High Schoo 2 An.	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy Barcan Maya Chauhan I Patrick Hughes alyzing the impact of alyzing the impact of the country in the second of the country in	D rchitecture on the pe	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield ss found in nature	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge	2 An. Sp Student(s) field High Schoo 2 The Student(s) field HIgh Schoo 3 Is t Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy Barcan Maya Chauhan I Patrick Hughes alyzing the impact of alyzing the impact of the country in the second of the country in	rchitecture on the pe	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge 3021 LS	2 An. Sp Student(s) field High Schoo 2 The Student(s) field High Schoo 3 Is t Student(s) field High Schoo 2 An.	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy E Maya Chauhan I Patrick Hughes alyzing the impact of Molly Crist	rchitecture on the pe	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield ss found in nature	encoding the
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge 3021 LS	2 An. Sp Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy Baya Chauhan I Patrick Hughes alyzing the impact of Molly Crist I Patrick Hughes	rchitecture on the personal setter to be Done Or of COVID-19 on the	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12 amount of happine Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield ss found in nature	-
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge 3021 LS Ridgefield Ridge	Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy Employer Barck Hughes alyzing the impact of Molly Crist I Patrick Hughes e Effect of Exercise	rchitecture on the personal setter to be Done Or of COVID-19 on the	Grade 10 Proception of trustab Grade 12 Uline or In-Person? Grade 12 Amount of happine Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield ss found in nature Town Ridgefield of High School Athletes	-
Ridgefield Ridge 3102 LS Ridgefield Ridge 6065 PS Ridgefield Ridge 3021 LS Ridgefield Ridge	Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s) Student(s)	alyzing the distribut ike protein of COVII Jasir Zafar I Patrick Hughes e effect of robotic at Alyson Barczak I Patrick Hughes the Initial Therapy Embedding Chauhan I Patrick Hughes alyzing the impact of Molly Crist I Patrick Hughes e Effect of Exercise	rchitecture on the personal setter to be Done Or of COVID-19 on the	Grade 10 erception of trustab Grade 12 line or In-Person? Grade 12 amount of happine Grade 12	Town Orange ility in social robots Town Ridgefield Town Ridgefield ss found in nature Town Ridgefield	-

SchTown] [Sc	chool]	[Teacher]					
[Proj#] [FCat] [H	-	roject Title]	Sponsor(s)	Award(s)			
Ridgefield Ridgefie	eld High Schoo	l Mr. Hughes					
6078 PS	3 Co	mparing Lipid Nand	oparticle Delivery wit	th Electroporation f	or Crispr [Delivery	
	Student(s)	Cora Fitzgerald		Grade 12	Town	Ridgefield	_
.							
		I Ryan Gleason					
6060 PS		alysis of the Free F pulations	Floating and Compar	nion (Both Transitin	g and Nor	n-Transiting) B	rown Dwarf
	Student(s)	Nathan Gaynor		Grade 12	Town	Ridgefield	_
Ridgefield Ridgefie	eld High Schoo	I Patrick Hughes					
3036 LS	2 As	sessing the Impact	of Synthetic Sweete	eners on Hunger Pe	erception i	in Drosophila M	Melanogaster
	Student(s)	Aditi Gupta		Grade 12	Town	Ridgefield	
* Institute	of Food Techno	ologists, Nutmeg S	ection \$150 awa	ard + invitation to A	wards Nig	ht Dinner with	— guest
Ridgefield Ridgefie	eld High Schoo	I Patrick Hughes					
3076 LS	2 As	sessing grid and cu	ırvilinear neighborho	od layouts for their	impact or	n wildfire dama	ıge
	Student(s)	Charlotte Kemp		Grade 12	Iown	RIDGEFIELD	
* America		·	CT Valley Chapter			RIDGEFIELD	_
	n Society of Sa	fety Professionals,	CT Valley Chapter			HIDGEFIELD	
Ridgefield Ridgefie	n Society of Sa	fety Professionals,				HIDGEFIELD	_
	n Society of Sa	fety Professionals, I Ryan Gleason e Effect of Pet Aller		\$200 grade 9-1	2 project		_
Ridgefield Ridgefie	n Society of Sa	fety Professionals,			2 project	RIDGEFIELD	
Ridgefield Ridgefie	n Society of Sa eld High Schoo 3 Th Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller		\$200 grade 9-1	2 project		
Ridgefield Ridgefie	n Society of Sa eld High Schoo 3 The Student(s)	fety Professionals, Ryan Gleason Effect of Pet Aller Emma Levine Mr. Hughes		\$200 grade 9-1 Grade 12	2 project Town	Ridgefield	etes
Ridgefield Ridgefield Ridgefield Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex	fety Professionals, Ryan Gleason Effect of Pet Aller Emma Levine Mr. Hughes	gens on Asthma	\$200 grade 9-1 Grade 12	2 project Town	Ridgefield	etes
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila	gens on Asthma	\$200 grade 9-1 Grade 12 Pancreatic Cells a	2 project Town	Ridgefield in Type 1 Diabo	etes
Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield	n Society of Sa eld High Schoo 3 Th Student(s) eld High Schoo 2 Ex Student(s)	fety Professionals, Ryan Gleason e Effect of Pet Aller Emma Levine Mr. Hughes amining the Charac Kavya Podila Ryan Gleason	rgens on Asthma	Grade 12 Pancreatic Cells a Grade 12	2 project Town and Islets i Town	Ridgefield in Type 1 Diabe Ridgefield	etes
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila I Ryan Gleason nat are the effects of	gens on Asthma	Grade 12 Pancreatic Cells a Grade 12	Town I	Ridgefield in Type 1 Diabo Ridgefield body	etes
Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo	fety Professionals, Ryan Gleason e Effect of Pet Aller Emma Levine Mr. Hughes amining the Charac Kavya Podila Ryan Gleason	rgens on Asthma	Grade 12 Pancreatic Cells a Grade 12	Town I	Ridgefield in Type 1 Diabe Ridgefield	etes
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex. Student(s) eld High Schoo 3 Wh Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila I Ryan Gleason nat are the effects of	rgens on Asthma	Grade 12 Pancreatic Cells a Grade 12	Town I	Ridgefield in Type 1 Diabo Ridgefield body	etes
Ridgefield	n Society of Sa eld High Schoo 3 Th Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo 3 Wh Student(s)	fety Professionals, Ryan Gleason e Effect of Pet Aller Emma Levine Mr. Hughes amining the Charac Kavya Podila Ryan Gleason nat are the effects of Maya Rubio Patrick Hughes	rgens on Asthma cteristics of Residual of heavy metals seen	Grade 12 Pancreatic Cells a Grade 12 Grade 12 Grade 12 Grade 12 Grade 12	Town Interpretation	Ridgefield In Type 1 Diabo Ridgefield body Ridgefield	_
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo 3 Wr Student(s) eld High Schoo 4 Ho Infl	fety Professionals, Ryan Gleason e Effect of Pet Aller Emma Levine Mr. Hughes amining the Charac Kavya Podila Ryan Gleason nat are the effects of Maya Rubio Patrick Hughes w the Intensity of a	rgens on Asthma cteristics of Residual of heavy metals seen	Grade 12 Pancreatic Cells a Grade 12 Grade 12 Grade 12 Grade 12 Grade 12	Town Interpretate Interpretate Town Interpretate Interpretate Inte	Ridgefield In Type 1 Diabo Ridgefield body Ridgefield	_
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex. Student(s) eld High Schoo 3 Wh Student(s) eld High Schoo 2 Ho Infil Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila I Ryan Gleason nat are the effects of Maya Rubio I Patrick Hughes w the Intensity of a lammatory Cytokine Gurshaan Sandh	rgens on Asthma cteristics of Residual of heavy metals seen	Grade 12 Pancreatic Cells a Grade 12 Pancreatic Office of the self-Mediated Immu	Town Interpretate Interpretate Town Interpretate Interpretate Inte	Ridgefield in Type 1 Diabo Ridgefield body Ridgefield	_
Ridgefield	n Society of Sa eld High Schoo 3 The Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo 3 Wr Student(s) eld High Schoo 2 Ho Infl Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila I Ryan Gleason nat are the effects of Maya Rubio I Patrick Hughes w the Intensity of a ammatory Cytokine Gurshaan Sandh	rgens on Asthma cteristics of Residual of heavy metals seen	Grade 12 Pancreatic Cells a Grade 12 Pancreatic Oracle 12 in in tattoo inks on the Grade 12 Cell-Mediated Immu Grade 11	Town Interpretate Town Interpr	Ridgefield in Type 1 Diabe Ridgefield body Ridgefield ugh the Releas Ridgefield	e of Anti-
Ridgefield	n Society of Sa eld High Schoo 3 Th Student(s) eld High Schoo 2 Ex Student(s) eld High Schoo 3 Wr Student(s) eld High Schoo 2 Ho Infl Student(s)	fety Professionals, I Ryan Gleason e Effect of Pet Aller Emma Levine I Mr. Hughes amining the Charac Kavya Podila I Ryan Gleason nat are the effects of Maya Rubio I Patrick Hughes w the Intensity of a ammatory Cytokine Gurshaan Sandh	rgens on Asthma cteristics of Residual of heavy metals seen n Exercise Affects Ces u	Grade 12 Pancreatic Cells a Grade 12 Pancreatic Oracle 12 in in tattoo inks on the Grade 12 Cell-Mediated Immu Grade 11	Town Interpretate Town Interpr	Ridgefield in Type 1 Diabe Ridgefield body Ridgefield ugh the Releas Ridgefield	e of Anti-

[SchTown]	-	-	[Teacher]				
[Proj#] [FCat] [Hor	ors] [F	Project Title]	Sponsor(s)	Award(s)		
Ridgefield	Ridgefield	High Schoo	ol Patrick Hughes				
6083	PS		ngineering a Method crometeorites	lology and Database	to Efficiently and E	Effective	ly Discover and Classify
	_	Student(s)	Heather Wallace		Grade 12	Town	Ridgefield
				e & Engineering Awar - \$50 - Earth Science			st - Medallion c or historic value HS
Ridgefield	Ridgefield	l High Schoo	ol Mr. Hughes				
3028	LS	3 An	nalysis of Contributir ad Cost-Benefit Calc	ng Factors to Overdos ulation of Drug Overd	se Death Variabilit dose Prevention P	ies withi rograms	n U.S. States from 2015 to 2022
	_	Student(s)	Hannah Yu		Grade 11	Town	Ridgefield
Rocky Hill	Rocky Hil	I High Schoo	ol Dr. Parker				
6514	PST	2 Ev	valuating the Potenti caridin, IR-3535, Pe	al Impacts of Commo	only Used Mosquito emon Eucalyptus.	o Repel	lents on Water Systems: DEET,
		Student(s)	Swapnil Roy		Grade 12	Town	Rocky Hill
			Kristian Odobash	ni	Grade 11	Town	Rocky Hill
			Ved Bathula		Grade 11	Town	Rocky Hill
Shelton S	Shaltan Inta	rmodiata Sak	nool Erica Napoli				
2015	L7		ne Eggtastic Egg Ex	neriment			
2013			Mallory Bohrer	репшеш	Grade 7	Town	Shelton
*				- Biotechnology 7h g			
Shelton S	Shelton Inter	mediate Sch	nool Erica Napoli				
2008	L7	2 Cc	olor VS Memory				
	<u> </u>	Student(s)	Ava Hamlin		Grade 7	Town	Shelton
*		untain Scien hool Life Sci		my Founder's Aw	ard - \$450 Saturda	ay Ment	orship Course at TMSC -
Shelton S	Shelton Inter	mediate Sch	nool Dr. Erica Nap	oli			
2003	L7	1 Th	e Fingerprint Powd	er Experiment			
		Student(s)	Gabriella Kuniej		Grade 7	Town	Shelton
*	Life Scienc	e Awards wi	ith support from Boe	ehringer Ingelheim	- 4th Place- Life S	Sciences	7th grade- trophy
			igh School Patti S				
6519	PST	1 Us		r a more economical			
		Student(s)	Pranay Kakkar Adithya Anand		Grade 10 Grade 10		South Windsor South Windsor

^{*} Connecticut Science Fair Association Physical Science Awards --- 3rd Place - Physical Sciences Senior High Team -Plaque

^{*} MIT Club of Hartford K-12 Initiative --- For excellence in science & technology of energy related research, high school, \$100 cash award

^{*} Frank J. Link Family Award for Energy Related Research --- Frank J. Link Award for Energy Related Research - \$50

[SchTown]] [9	School]	[Teacher]	_		
[Proj#]	[FCat] [H	lonors]	[Project Title]	Sponsor(s)	Award(s)	
South Win	idsor S	outh Windsor	High School Dr D	David Kimel		
6012	PS			C10: An Examination	of its Increasing Di	
		Student(s) Aarush Kalia		Grade 10	Town SOUTH WINDSOR
South Win	idsor S	outh Windsor	High School Inde	ependent		
6088	PS	1 F	Predicting Solar Sto algorithms	orms and Coronal Mas	s Ejections (CMEs)) using novel Attention based Deep Learning
		Student(s) Pragyan Yadav		Grade 11	Town South Windsor
	* Connec Medalli		Fair Association Ph	nysical Science Awards	s Finalist - Phy	rsical Sciences Senior High - CSF
	* Univers year)	ity of New Ha	ven Scholarship Av	vards University of	New Haven 4 yea	r scholarship - \$96,000 (\$24,000 per
Southingt	on Sout	hington High	School Mr. Deste	fano		
3112	LS			ella larvae be utilized t	o decompose plas	tics faster?
		Student(s) Zeynep Agirma	ın	Grade 11	Town Southington
		ity of Connect \$100 Gift Cer		Experience UCO	NN Early College E	Experience Program: Life Sciences -
Stamford	Bi-Cultu	ral Hebrew A	cademy Chris Gr	aseck		
2014	L7	3 E	Effects on Radish S	eeds with Acidified Wa	ater	
		Student(s) Emma Gordon		Grade 7	Town Stamford
Stamford	Bi-Cultu	ral Hebrew A	cademy Christop	her Graseck		
2022	L7	2 H	How Do Different C	olors of Light Affect Pla	ant Growth	
		Student(s) Keren Roitman		Grade 7	Town Stamford
Stamford	King Sc	hool Dr. Vic	toria Schulman			
6027	PS	2	American Sign Lan	guage (ASL) Resin Pri	nted Prosthetic Ha	nd
		Student(s) Nicole Guido		Grade 11	Town Greenwich
Stamford	Vina Co	haal Viatoria	a Schulman			
6036	King Sc PS			adiation via Photocata	lygic for Porticl Mo	ethane Oxidation and Oil Photodegradation
0030	<u> </u>) Antonia Kolb	ediation via Photocata	Grade 11	Town New Canaan
	Medalli * Pepsico * Freema	on Engineering	Awards Finalis	t - Engineering High S	chool - CSF Medal	rsical Sciences Senior High - CSF Ilion ry or Chemical Engineering by a High

[SchTown] [Proj#] [[Scl FCat] [Ho	nool] nors] [[Teacher] Project Title]	Sponsor(s)	Award(s)			
Stamford	King Scho	ol Victoria	Schulman					
6021	PS	2 T	he use of NMR to nvironmentally frie	identify the LOD in mendly biomass polyme	ixtures of organic cor rs & reduce energy l	mpound oss from	s to efficiently pro	duce
		Student(s)	Gouri Krishna	n	Grade 12	Town	Darien	
,	Petit Fami	ly Foundatio	on Women in Scie	nce & Engineering Aw	ards High School	ol Finalis	st - Medallion	
Stamford	King Scho	ol Victoria	Schulman					
3075	LS		ligh G/C Content a	at the 3' End of the Sp	acer of Prime Editing	Guide	RNAs Results in	Increased Editing
		Student(s)	Benjamin Pers	sily	Grade 12	Town	Scarsdale	
*	Life Scien	ce Awards v	vith support from	Boehringer Ingelheim	Finalist - Life Sci	ence Se	enior High - CSF N	Medallion
Stamford	King Scho	ol Victoria	Schulman					
3048	LS			essential 23S rRNA m perculosis to macrolide		579c, in	creases the susc	eptibility of
		Student(s)	Yuriy Sandme	ier	Grade 12	Town	New Rochelle	
,	Regenero	n Biomedica al Society ol Victoria	al Science Award Biophysics Awa Schulman		.00 cash			
3068	LS	2 D	etermining the Pi	gmentation of Overexp	pressed BAP1 on 92.	1 GFP	Cell Lines to Pred	ict Prognosis.
	_	Student(s)	Layla Shah		Grade 11	Town	wilton	
Stamford	King Scho	ol Victoria	Schulman					
6087	PS	2 D	esigning a Simula leat Shield Desigr	ation for Aerothermodyns for Space Exploration	rnamic Performance on and Missile Defen	of Trans se Reer	satmospheric Veh ntry	icles and Ablative
		Student(s)	Ryan Wempen	1	Grade 11	Town	Stamford	
,	* American	Institute of A	Aeronautics & Ast	ronautics - Connecticu	t Section \$200 a	ward, c	ertificate	
Stamford	Westhill H	igh School	Mr Chandan Sa	rkar				
6066	PS		nvestigating the ap	oplication of statistical Framework	word analysis to auto	omatica	lly select controls	from the NIST
	_	_	Rohan Sahu		Grade 11	Town	Stamford	
,	Individual	l - Plaque		hysical Science Award out Academy of Science	•			_
	3rd Place	High School	ol - \$ 200 and Pla	que, Medallion	e and Engineening O	ivaii 30	anoor orialierige A	waius

[SchTown [Proj#]	-	[School] [Honors]	[Teacher] [Project Titl	=	Sponsor(s)	Award(s)		
Stamford	Bi-Cu	ıltural Hebrew	Academy Cl	hris Graseck	ζ			
1007	LT	3	How Micropla	astics Effect	Daphnia magna			
		Student	(s) Zoe Wirg	jin		Grade 7	Town	Stamford
			Molly Wi	rgin		Grade 7	Town	Stamford
		onmental Scie Finalist - CSF I		with Connec	ticut Association o	of Conservation and	d Inland	Wetlands Commissions
Storrs E	. O. Sm	nith High Scho	ol Cheryl Gra	anger				
6040	PS	2	Multi Tempor	al Analysis	of Beaver Activity	in Connecticut For	ests Usi	ng Aerial Imagery
		Student	(s) Hiruni Wi	itharana		Grade 9	Town	Storrs Mansfield
	1st P * The C	lace HS - Plaqu Goodwin-Nieri	ie and \$700 Stip ng Center for th	end to Compo he Environm	ete at GENIUS Oly nent \$100 for	mpiad	ironmen	Wetlands Commissions tal Conservation Studies" roject
Stratford	St. Ma	ark School A	Alexander Kenr	nedy				
2006	L7	1	The Stroop E	ffect				
		Student	(s) Julianne	Gonzalez		Grade 7	Town	Stratford
Stratford 1005	for s	elected top Mark School A		nedy ality Affect N	_	Grade 8 Grade 8	Town	nermo Fisher Scientific JIC stratford Stratford
Stratford	St. Ma	ark School N	/lr. Kennedy					
1010	LT	3	How Differen	t Liquids Aff	ect the Growth of	Plants		
		Student	(s) Sofia Paç	gano		Grade 7	Town	Stratford
			Sara Gno	oza		Grade 7	Town	Stratford
	* Alexid	on Biotechnolo	ogy Awards	- Finalist - E	liotechnology 7h ç	grade - CSF Medall	lion	
Suffield	Suffield	d Academy F	Raven Huang					
6068	PS	2	Research on	the Equatio	n of the Magnetic	Field Caused by M	agnets	
		Student	(s) Jiaxuan S	Su		Grade 11	Town	Suffield
	* M&T	Bank Mathem	atics Awards	3rd Place	e High School - \$	200 and Plaque		
Suffield		l High School	_					
3098	LS	3			anent Implementa	ation of Daylight Sa		
		Student	(s) Emma Co	onway		Grade 11	Town	Suffield
	* Amer	ican Society o	of Safety Profes	ssionals, CT	Valley Chapter -	\$200 grade 9-12	2 project	

	-	[School] [Honors]	[Teacher] [Project Title]	Sponsor(s)	Award(s)	
_ , _		High School	Melanie Brown	. (,	()	
6505	PST	3	Alternative Fuel Source	ces for Commercial	Jetliners to Combat	Climate Change
0000			s) Christopher Croz		Grade 11	Town Suffield
			Luca Matejek		Grade 11	Town Suffield
uffield	Suffield	Middle Schoo	l Melanie Brown			
4012	PT	2	Technical and Econor	nic Feasibility of Pho	otovoltaic Window S	Shades
		Student(s) Shaunak Ukidwe		Grade 8	Town Suffield
			Arnav Ukidwe		Grade 8	Town Suffield
	* Conste * MIT Cl schoo * Frank * Conne	ellation Energy lub of Hartford ol, \$100 cash o J. Link Family ecticut Inventic	d K-12 Initiative Fo award Award for Energy Rel	h - Grade 7 - 8: For r excellence in scien ated Research I	Excellence in clear ce & technology of Frank J. Link Award	n renewable / sustainable energy energy related research, middle for Energy Related Research - \$50 rophy & Invitation to compete at the
rumbull	Christia	an Heritage S	chool daniel cote			
3047	LS	2	The Effect of Metal Sa	alts and Chelation or	the Catalase Activ	rity in Alzheimer's Disease
		Student(s) Sofia Khan		Grade 11	Town stratford
rumbull	Christia	an Heritage So	chool Dr. Daniel Cote	e		
rumbull 6080	Christia PS	an Heritage So			e Using Energy Cre	eated by a Bicycle for Underdevelope
		3	Designing a Device to		e Using Energy Cre Grade 11	eated by a Bicycle for Underdevelope Town Trumbull
	* Energi	Student(izeCT AlternatizeCT Future st	Designing a Device to Areas s) Abigail Nagel	Charge a Cellphonorgy rgy Awards 1st F High School Fina	Grade 11 Place High School -	Town Trumbull \$500 Cash and Plaque
6080	* Energi * Energi * J.A. Al	Student(izeCT AlternatizeCT Future sugustine and I	Designing a Device to Areas s) Abigail Nagel tive & Renewable Eneroustainability Awards	rgy Awards 1st F High School Fina 100 H. Glista Award	Grade 11 Place High School -	Town Trumbull \$500 Cash and Plaque
6080	* Energi * Energi * J.A. Al	Student(izeCT AlternatizeCT Future sugustine and I	Designing a Device to Areas (s) Abigail Nagel tive & Renewable Enerous Englishment (Sustainability Awards H. Glista Awards \$ chool Nicole Blaskev How Ice vs. No Ice Af	rgy Awards 1st F High School Fina 100 H. Glista Award	Grade 11 Place High School - alist - Medallion for physical science	Town Trumbull \$500 Cash and Plaque
6080	* Energi * Energi * J.A. A	Student(izeCT AlternatizeCT Future sugustine and I	Designing a Device to Areas s) Abigail Nagel tive & Renewable Eneroustainability Awards H. Glista Awards \$ chool Nicole Blaskey	rgy Awards 1st F High School Fina 100 H. Glista Award	Grade 11 Place High School - alist - Medallion for physical science	Town Trumbull \$500 Cash and Plaque
6080	* Energi * Energi * J.A. Al Christia P8	Student(izeCT AlternatizeCT Future sugustine and I an Heritage So Student(ecticut Science	Designing a Device to Areas (s) Abigail Nagel tive & Renewable Eneror Sustainability Awards H. Glista Awards \$ chool Nicole Blaskev How Ice vs. No Ice Af (s) Charles Orban	rgy Awards 1st F High School Fina 100 H. Glista Award vicz fects a Stirling Engir	Grade 11 Place High School - alist - Medallion for physical science Grade 8 S Finalist - Physical	Town Trumbull \$500 Cash and Plaque es Town Norwalk sical Sciences 8th Grade - CSF
6080	* Energi * Energi * J.A. An Christia P8 * Conne Meda * Pepsic * IEEE, * John S	Student(izeCT AlternatizeCT Future Sugustine and I an Heritage So Student(ecticut Science Illion co Engineering Connecticut S S. Kendall Mer	Designing a Device to Areas (s) Abigail Nagel Itive & Renewable Enerous Sustainability Awards H. Glista Awards \$ Chool Nicole Blaskev How Ice vs. No Ice Af (s) Charles Orban Fair Association Physical Awards \$ Gettion \$100 Honomorial \$300 John \$	rgy Awards 1st F High School Fina 100 H. Glista Award vicz fects a Stirling Engir sical Science Awards Engineering Middle rable Mention S. Kendall Award for	Grade 11 Place High School - alist - Medallion for physical science Grade 8 S Finalist - Physical School - CSF Medallion	Town Trumbull \$500 Cash and Plaque es Town Norwalk sical Sciences 8th Grade - CSF
6080 Frumbull 5502	* Energi * Energi * J.A. An Christia P8 * Conne Meda * Pepsic * IEEE, * John S	Student(izeCT AlternatizeCT Future Sugustine and I an Heritage So Student(ecticut Science Illion co Engineering Connecticut S S. Kendall Mer	Designing a Device to Areas (s) Abigail Nagel Itive & Renewable Eneroder Sustainability Awards H. Glista Awards \$ Chool Nicole Blaskev How Ice vs. No Ice Af (s) Charles Orban Fair Association Physic (g) Awards \$100 Honomorial \$300 John \$100 Lessoff Memorial \$100 Honomorial \$100	rgy Awards 1st F High School Fina 100 H. Glista Award vicz fects a Stirling Engir sical Science Awards Engineering Middle rable Mention S. Kendall Award for Susan and StanleyLe	Grade 11 Place High School - alist - Medallion for physical science Grade 8 S Finalist - Physical School - CSF Medallion	Town Trumbull \$500 Cash and Plaque es Town Norwalk sical Sciences 8th Grade - CSF allion hanical Engineering - Second Place
Frumbull	* Energi * Energi * J.A. An Christia P8 * Conne Meda * Pepsic * IEEE, * John S	Student(izeCT AlternatizeCT Future sugustine and I an Heritage So Student(Student(cocticut Science Illion co Engineering Connecticut S S. Kendall Mer and Stanley I	Designing a Device to Areas (s) Abigail Nagel tive & Renewable Enerous Sustainability Awards H. Glista Awards \$ chool Nicole Blaskev How Ice vs. No Ice Af (s) Charles Orban Per Fair Association Physical Awards \$ gettion \$100 Honor Successoff Memorial \$ chool Ms. Blaskewick Chool Ms. Blaskewick	rgy Awards 1st F High School Fina 100 H. Glista Award vicz fects a Stirling Engir sical Science Awards Engineering Middle rable Mention S. Kendall Award for Gusan and StanleyLe	Grade 11 Place High School - alist - Medallion I for physical science Grade 8 S Finalist - Physical School - CSF Medalessoff Memorial Awards	Town Trumbull \$500 Cash and Plaque es Town Norwalk sical Sciences 8th Grade - CSF allion hanical Engineering - Second Place

[SchTown] [S [Proj#] [FCat] [H	chool] onors] [F	[Teacher] Project Title]	Sponsor(s)	Award(s)			
Trumbull Trumbull	High School	William Heher					
3057 LS	3 Th	ne Effect of Calcium	Received on the Gr	owth of Green Bea	ns in Hy	droponics	
	Student(s)	Kaitlyn Allen		Grade 12	Town	Trumbull	
Trumbull Trumbull	High School	Steffanie Elkins					
3114 LS	2 W	hich Genre of Musi	c Promotes Brain Pla	sticity the Best?			
	Student(s)	Nandhan Aditya	Anandha Kumar	Grade 12	Town	Trumbull	
Trumbull Trumbull	High School	Steffanie Elkins					
3065 LS		ne Effect of Differing uscipula	g Concentrations of C	hlorine lons on the	Growth	and Eating Habits of Dionae	a
	Student(s)	Freud-Williams N	Maignan	Grade 12	Town	Trumbull	
Frumbull Trumbull	High School	Steffanie Elkins					
Frumbull Trumbull	=		t Concentrations of C	affeine on Acidoph	nilic and	Alkaliphilic Plants	
3022 LS	3 Th	ne Effect of Differen Shivashankar Su		Grade 12	Town	Trumbull	
3022 LS * Institute	3 The Student(s) of Food Technol	ne Effect of Differen Shivashankar Su nologists, Nutmeg S		Grade 12	Town	Trumbull	
3022 LS * Institute	3 The Student(s) of Food Technology H.	ne Effect of Differen Shivashankar Su nologists, Nutmeg S all John Gadoua	ıbramanian	Grade 12 d + invitation to Aw	Town ards Nig	Trumbull	
* Institute Wallingford Choat	3 The Student(s) of Food Technology Here Rosemary Here 3 Ef	ne Effect of Differen Shivashankar Su nologists, Nutmeg S all John Gadoua	ubramanian Section \$50 award	Grade 12 d + invitation to Aw	Town ards Nig	Trumbull	
* Institute * Institute Wallingford Choat 6030 PS	3 The Student(s) of Food Technology H 3 Ef Student(s)	ne Effect of Differen Shivashankar Su cologists, Nutmeg S all John Gadoua fect of Atmospheric Seokhyun Chin	ubramanian Section \$50 award	Grade 12 d + invitation to Aw ower output of Sola Grade 10	Town ards Nig	Trumbull ht Dinner with guest	
* Institute * Institute Wallingford Choat 6030 PS * Energize	3 The Student(s) of Food Technology Hamiltonian Student(s) eCT Future Sussessing Student	Shivashankar Su cologists, Nutmeg S all John Gadoua fect of Atmospheric Seokhyun Chin stainability Awards	section \$50 award conditions on the Po	Grade 12 d + invitation to Aw ower output of Sola Grade 10	Town ards Nig	Trumbull ht Dinner with guest	_
* Institute * Institute Wallingford Choat 6030 PS * Energize	3 The Student(s) of Food Technology Hamiltonian Student(s) eCT Future Sustein Rosemary Hamiltonian Student(s) eRosemary Hamiltonian	Shivashankar Suspensive Effect of Different Suspensive	section \$50 award conditions on the Po High School Fina one of the policy of t	Grade 12 d + invitation to Aw ower output of Sola Grade 10 llist - Medallion	Town ards Nig r Panel Town	Trumbull ht Dinner with guest	and
* Institute * Institute * Wallingford Choat 6030 PS * Energize * Wallingford Choat	3 The Student(s) of Food Technology He Rosemary He Student(s) eCT Future Sustee Rosemary He 3 Effective Student He Rosemary He He Rosema	shivashankar Suspensive Effect of Different Shivashankar Suspensive Suspensiv	section \$50 award c conditions on the Po High School Fina conoculants on novel biostable bioplastics	Grade 12 d + invitation to Aw ower output of Sola Grade 10 llist - Medallion	Town ards Nig r Panel Town n: a com	Trumbull ht Dinner with guest Wallingford	and
* Institute * Institute * Institute * Wallingford Choat * Energize * Wallingford Choat 3046 LS	3 The Student(s) of Food Technology He Rosemary He Student(s) eCT Future Sustemary He Rosemary He Student(s) Etudent(s)	Shivashankar Suspensive Effect of Different old Suspensive Suspens	section \$50 award c conditions on the Po High School Fina conoculants on novel biostable bioplastics	Grade 12 d + invitation to Aw ower output of Sola Grade 10 dist - Medallion oplastic degradatio Grade 12	Town ards Nig r Panel Town n: a com	Trumbull ht Dinner with guest Wallingford parative study on backyard	and
* Institute * Institute * Institute * Wallingford Choat * Energize * Energize * Wallingford Choat 3046 LS * Petit Far * Wallingford Choat	3 The Student(s) of Food Technology Has a Student(s) eCT Future Sustemany Has a Student(s) eRosemany Has a Student(s) mily Foundation eRosemany Has a Student(s)	shivashankar Suspensive Effect of Different cologists, Nutmeg Stall John Gadoua fect of Atmospheric Seokhyun Chin stainability Awards all Joseph Scanic fect of microbiota in mercially compose Rebecca Denharm Women in Science all Jan Cook	section \$50 award conditions on the Po High School Fina conoculants on novel bio stable bioplastics t ee & Engineering Awa	Grade 12 d + invitation to Aw ower output of Sola Grade 10 dist - Medallion oplastic degradatio Grade 12 drds 3rd Place-	Town ards Nig r Panel Town n: a com Town High So	Trumbull ht Dinner with guest Wallingford parative study on backyard and burham chool- \$200 / plaque	
* Institute Wallingford Choat 6030 PS * Energize Wallingford Choat 3046 LS	3 The Student(s) of Food Technology He Rosemary He Student(s) eCT Future Sustemary He Student(s) Etudent(s) mily Foundation e Rosemary He	shivashankar Suspensive Effect of Different cologists, Nutmeg Stall John Gadoua fect of Atmospheric Seokhyun Chin stainability Awards all Joseph Scanic fect of microbiota in mercially compose Rebecca Denharm Women in Science all Jan Cook	section \$50 award conditions on the Po High School Fina conoculants on novel bio stable bioplastics t ee & Engineering Award tion of Sodium Ion Ac	Grade 12 d + invitation to Aw ower output of Sola Grade 10 dist - Medallion oplastic degradatio Grade 12 drds 3rd Place-	Town ards Nig r Panel Town n: a com Town High So	Trumbull ht Dinner with guest Wallingford parative study on backyard	

Student(s) Yoon Ha Lee Grade 11 Town Seoul	[Scn rown]	[School]	[reacner]				
Student(s) Yoon Ha Lee Grade 11 Town Seoul	[Proj#] [FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)		
Desertification Student(s) Yoon Ha Lee Grade 11 Town Seoul	Wallingford Ch	oate Rosemary	Hall Jan Cook				
* Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions HS Finalist - CSF Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF * Stockholm Junior Water Prize Certificate, \$25 gift card by CSEF, possible advance to further competition * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook 3083 LS 3 Investigating Stress Response Genes in C. elegans to Prevent Huntington's Disease Student(s) Claire Liu Grade 11 Town Wallingford Wallingford Choate Rosemary Hall Yingxin Gao 3072 LS 1 Using Machine Learning to Forecast Progression from Mild Cognitive Impairment to Alzheimer's Disease Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook 8055 PS 2 The application of fractal in machine learning	3007 LS	1		ant, Lignin-Based Fu	Ivic Acid Supply De	evice (FASD) to Prevent (Ocean
*Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions HS Finalist - CSF Medallion *U.S. Metric Association Certificate & \$25 gift card given by CSEF *Stockholm Junior Water Prize Certificate, \$25 gift card by CSEF, possible advance to further competition *Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook 3083 LS 3 Investigating Stress Response Genes in C. elegans to Prevent Huntington's Disease Student(s) Claire Liu Grade 11 Town Wallingford Wallingford Choate Rosemary Hall Yingxin Gao 3072 LS 1 Using Machine Learning to Forecast Progression from Mild Cognitive Impairment to Alzheimer's Diseas Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook The application of fractal in machine learning		Student(s) Yoon Ha Lee		Grade 11	Town Seoul	
Student(s) Claire Liu Grade 11 Town Wallingford	* Enviro HS I * U.S. I * Stock	onmental Scien Finalist - CSF M Metric Associat tholm Junior Wa	nces Awards with Confedallion ion Certificate & \$ ater Prize Certifica	necticut Association of 25 gift card given by ate, \$25 gift card by 0	of Conservation and CSEF CSEF, possible adv	d Inland Wetlands Comm	issions
Student(s) Claire Liu Grade 11 Town Wallingford Wallingford Choate Rosemary Hall Yingxin Gao 3072 LS 1 Using Machine Learning to Forecast Progression from Mild Cognitive Impairment to Alzheimer's Diseas Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning	Wallingford Ch	oate Rosemary	Hall Jan Cook				
Student(s) Claire Liu Grade 11 Town Wallingford Wallingford Choate Rosemary Hall Yingxin Gao 3072 LS 1 Using Machine Learning to Forecast Progression from Mild Cognitive Impairment to Alzheimer's Diseas Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning	3083 LS	3	Investigating Stress F	Response Genes in C	. elegans to Prever	nt Huntington's Disease	
Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning							
Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning							
Student(s) Ann Song Grade 10 Town Farmington * Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning							
* Life Science Awards with support from Boehringer Ingelheim 3rd Place- Life Sciences Senior High- \$200 & Plaque Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook 6055 PS 2 The application of fractal in machine learning	3072 LS	1	Using Machine Learn	ing to Forecast Progr	ession from Mild C	ognitive Impairment to Al	zheimer's Disease
Wallingford Choate Rosemary Hall Jan Cook 3040 LS 1 TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook 6055 PS 2 The application of fractal in machine learning		Student(s) Ann Song		Grade 10	Town Farmington	
TopoCan: A Novel Histopathological System for Clinical Prediction with Topology- and Spatial Genome Informed Deep Learning Student(s) Isabella Wu Grade 11 Town Wallingford * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning	* Life S	Science Awards	with support from Boo	ehringer Ingelheim -	3rd Place- Life S	Sciences Senior High- \$20	00 & Plaque
Student(s) Isabella Wu * Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning	Wallingford Ch	oate Rosemary	Hall Jan Cook				
* Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning	3040 LS				em for Clinical Pred	iction with Topology- and	Spatial Genome-
* Pfizer Computational Biology and Bioinformatics Awards 3rd Place High School - \$200, Plaque * Society for In Vitro Biology Certificate and \$25 gift card given by CSEF Wallingford Choate Rosemary Hall Jan Cook [6055] PS 2 The application of fractal in machine learning		Student(s) Isabella Wu		Grade 11	Town Wallingford	
6055 PS The application of fractal in machine learning	* Pfizer	r Computationa	I Biology and Bioinform	matics Awards 3	d Place High Scho		- Medallion
	Wallingford Ch	oate Rosemary	Hall Jan Cook				
	6055 PS	2	The application of frac	ctal in machine learni	ng		
					-	Town Glenview	
							-

Winning Projects

[SchTown] [School] [Teacher] [Proj#] [FCat] [Honors] [Project Title] Award(s) Sponsor(s) Wallingford Choate Rosemary Hall Jan Cook 6064 A Self-Stabilizing Haptic Accessibility Mouse for Parkinson's Disease Sufferers Student(s) Jingyuan Zhang Grade 10 Town Wallingford * Connecticut Science Fair Association Physical Science Awards --- 1st Place - Physical Sciences Senior High Individual - \$500 & Plaque * Pepsico Engineering Awards --- 3rd Place- Engineering Senior High- \$200 & plaque * Quinnipiac University Scholarships --- \$30,000, 4 year scholarship (\$7,500 per year) to Quinnipiac University for HS Student * H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering ---Physical Sciences 1st HS \$1,000, Solid Silver Medal of Excellence, Invite to CASE Annual Mtg * Alexion Biotechnology Awards --- 1st Place Biotechnology Senior High - \$500 & plaque * MTU Aero Engines North America, Inc. --- MTU Aero Engines Mechanical Engineering Applied Principles Award -\$250 * IEEE, Connecticut Section --- \$250 Honors Award - Senior * Zepke Awards --- \$125 - For the Best Use of Electronic Circuitry- Senior High Wallingford Choate Rosemary Hall Christopher Hogue Probing Neural Networks for Visio-Linguistic Feature Binding 6069 PS Student(s) Minzhi Zhang Grade 11 Town Wallingford * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion * Maplesoft Awards for Applied Mathematics and Modeling --- Maple software, gift packs, & T-shirt - For Excellence in Mathematics Washington The Frederick Gunn School Morgen Fisher Water Quality Inspection Catamaran Student(s) Chengyue Zhang Grade 11 Town Shanghai * Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion Waterbury ACES at Chase Anne Pember 2013 Removing Sodium Nitrate from run off water Student(s) Joel Brooks Grade 7 Town Naugatuck * EnergizeCT Future Sustainability Awards --- Middle School Finalist - Medallion * Ricoh Americas Corporation --- Certificate, \$25 gift card given by CSEF Waterbury **ACES** at Chase Anne Pember 5513 THe Design and Experimentation of Creating a Cold Pack Out of Household Items Student(s) Brock Dauber-Katz Grade 8 Town Thomaston * Connecticut Invention Convention "Next Step Inventors" --- Next Step Inventor Trophy & Invitation to compete at the 2023 Invention Convention, June 10 **ACES** at Chase Anne Pember Waterbury 5001 Streaky Windows Experiment Student(s) Andrew Daukas Grade 7 Town Middlebury * Connecticut Science Fair Association Physical Science Awards --- 1st Place- Physical Sciences 7th Grade Ind. - \$300

Thermo Fisher Scientific Junior Innovators Challenge --- Nomination to compete in the Thermo Fisher Scientific JIC for selected top MS winners

Waterbury ACES a		e Pember			
2515 L8		owing a Plant from Food Waste Victoria DiMatteo	Grade 8	Town	Naugatuck
-	Student(s)	VICTORIA DIMATLEO	Grade o	TOWIT	
Waterbury ACES a	ıt Chase Ann	e Pember			
5501 P8	2 Th	e experimentation and design of	all purpose cleaners		
-	Student(s)	Andrew Freer	Grade 8	Town	Thomaston
Waterbury ACES a	ıt Chase Ann	e Pember			
2529 L8	2 Bio	outilization of Italian Rye Grass to	remove oily pollutants fro	om soil	
-	Student(s)	Yesenia Galicia Herrera	Grade 8	Town	Meriden
Waterbury ACES a	ıt Chase Ann	e Pember			
2025 L7	3 Ap	ple Preservation (Organic vs Nor	n Organic)		
-	Student(s)	Kenlee LaFlamme	Grade 7	Town	Watertown
Waterbury ACES a	ıt Chase Ann	e Pember			
5011 P7		ducing the Waste of Footballs			
		Christian Simoes	Grade 7	Town	Watertown
-					
	it Chase I isa	Debany			
Waterbury ACES a	011400 2100				
Waterbury ACES a	1 Str	ontium Alumninate Begonia			
	1 Str	Isaiah Smith	Grade 8		Meriden
<u>-</u>	1 Str	Isaiah Smith Sharon Olabisi	Grade 8	Town	Meriden
<u>-</u>	1 Str	Isaiah Smith	-	Town	
1020 LT	1 Strudent(s) nce Awards wi	Isaiah Smith Sharon Olabisi	Grade 8 Grade 8	Town Town	Meriden Prospect
1020 LT * Life Scien Medallic	1 Strudent(s) nce Awards with	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingell	Grade 8 Grade 8	Town Town	Meriden Prospect
1020 LT * Life Scien Medallic	1 Structure 1 Stru	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingell	Grade 8 Grade 8 neim Finalist - Life Sc	Town Town	Meriden Prospect
* Life Scien Medallio	1 Structure Awards with the Chase Ann Th	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelle	Grade 8 Grade 8 neim Finalist - Life Sc	Town Town siences M	Meriden Prospect
* Life Scien Medallio Waterbury ACES a 2505 L8	1 Structure Awards with the Chase Ann Student(s)	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi	Grade 8 Grade 8 neim Finalist - Life So	Town Town siences M	Meriden Prospect iddle School Team - CSF
* Life Scien Medallio Waterbury ACES a 2505 L8	Student(s) nce Awards with the Chase Annol Student(s) hool Davi Ma	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi	Grade 8 Grade 8 neim Finalist - Life So lage of Food Grade 8	Town Town siences M	Meriden Prospect iddle School Team - CSF
* Life Scient Medallion Waterbury ACES at 2505 L8	Student(s) nce Awards with the Chase Annol Student(s) hool Davi Ma	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi Charles Tscheppe	Grade 8 Grade 8 neim Finalist - Life So lage of Food Grade 8	Town Town tiences M Town	Meriden Prospect iddle School Team - CSF
* Life Scient Medallion * Waterbury ACES at 2505 L8 Watertown Taft Scient Control Laborate Control Laborat	1 Str Student(s) nce Awards with the Chase Annote The Student(s) hool Davi Ma 3 Qu	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi Charles Tscheppe	Grade 8 Grade 8 neim Finalist - Life Sc lage of Food Grade 8	Town Town tiences M Town	Meriden Prospect iddle School Team - CSF Oakville
* Life Scient Medallion * Waterbury ACES at 2505 L8 Watertown Taft Scient Medallion * Life Scient Medallion * Life Scient Medallion * ACES at 2505 PS	1 Str Student(s) nce Awards with the Chase Annote The Student(s) hool Davi Ma 3 Qu	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi Charles Tscheppe eximo antitative inequalities for the max Michael Ren	Grade 8 Grade 8 neim Finalist - Life Sc lage of Food Grade 8	Town Town tiences M Town	Meriden Prospect iddle School Team - CSF Oakville
* Life Scient Medallion * Waterbury ACES at 2505 L8 Watertown Taft Scient Medallion * Life Scient Medallion * Life Scient Medallion * ACES at 2505 PS	1 Str Student(s) nce Awards with the Chase Annote The Student(s) hool Davi Margan Question Student(s)	Isaiah Smith Sharon Olabisi Nevaeh Alfonso th support from Boehringer Ingelf e Pember e Effect of Lysozyme on the Spoi Charles Tscheppe eximo antitative inequalities for the max Michael Ren	Grade 8 Grade 8 Grade 8 neim Finalist - Life So lage of Food Grade 8	Town Town tiences M Town	Meriden Prospect iddle School Team - CSF Oakville

[SchTown	•	[School]	-	Teacher]					
[Proj#]	[FCat]	[Honors]	[Pr	oject Title]	Sponsor(s)	Award(s)			
Westbroo	k Wes	stbrook High S	Schoo	l Mr. Zebrowski					
6047	PS	2	Line	ar Particle Accele	rator				
		Student	(s) l	Enzo Adorno		Grade 12	Town	Westbrook	
	* Office * IEEE, * Unive	of Naval Res Connecticut rsity of Conne	search Section ection	n- U.S. Navy / U.S. on \$100 Honor	Engineering High Scl . Marine Corps Hi rable Mention experience UCON	gh School- Certifi	cate, \$7		•
Westport	Greer	s Farms Aca	demy	Mathieu Freema	an				
3071	LS	2		Antibacterial Effectobiome.	ct of Apple Cider Vine	gar on Staphyloc	occus ar	nd on the Human E	Epidermal
		Student		Anna Moss		Grade 11	Town	Fairfield	
•	Greer	s Farms Acad	demy	Mathieu Freema	an				
3060	LS	3	The	Effects of Family	Dynamics on an Indiv	idual's Suicide Ri	sk Beha	viors and General	Mental Health
		Student	:(s)	Hannah Portman		Grade 12	Town	Westport	
Westport	Greer	ıs Farms Aca	demy	Juli Gerdes					
3084	LS	2		Effects of Nitric O	zide, Ozone, Herbicio	les, and Vitamin [on Alzł	neimer's Induced [Drosophila
		Student	(s) I	_aci Raveis		Grade 12	Town	Fairfield	
Wilton M	1iddlebr	ook School	Jessi	ca Garcia					
2520	L8	2	Pan	creatic Cancer Tre	eatment				
		Student	:(s) I	Megan Dragunat		Grade 8	Town	Wilton	
Wilton M	1iddlebr	ook School	Kend	ra Norman					
5002	P7	2	Blin	dSight					
		Student	(s)	Arav Gupta		Grade 7	Town	Wilton	
	* Office	of Naval Res	earch		gy Awards Middle . Marine Corps M rable Mention				by CSEF
Wilton M	1iddlebr	ook School	Debb	ie Mallozzi					
5514	P8	2			Galaxies with the help	o of a Convolution	al Neura	al Network	
		Student	(s) I	shanvi Jaiswal		Grade 8	Town	Wilton	
	* Infosy	rs Foundation	Com	puter Science Awa	ards 2nd Place M	iddle School - \$20	00, Troph		

[SchTown] [[Proj#] [FCat] [[School] [Honors] [[Teacher] Project Title]	Sponsor(s)	Award(s)		
Wilton Middlebro	ok School Pai	ige Randall				
2020 L7	1 T	he Power of Your P	roduce!			
	Student(s)	Nadia Khan		Grade 7	Town	Wilton
			oehringer Ingelheim ace Biotechnology 7th			7th grade - CSF Medallion
Wilton Middlebro	ok School Jes	ssica Garcia				
5517 P8		•	ons with Artificial Intell	igence		
	Student(s)	Leonardo Kulon		Grade 8	Town	Wilton
* Americ	can Society of S	afety Professionals	, CT Valley Chapter -	\$200 grade 7-8	project	
Wilton Middlebro	ok School Kel	lly DePiano				
2525 L8		reventing Hypoxia ι	using Magnetism			
	Student(s)	Anshika Saagi		Grade 8	Town	Wilton
* Alexior * Aquari	n Biotechnology	Awards 3rd Pla	ehringer Ingelheim ace Biotechnology 8th 0 Cash - Grade 7-8 F	grade - \$100 & tro	ophy	s 8th grade- trophy ality or Environmental
Wilton Middlebro	ok School Ms	. Kelly Depiano				
5516 P8		low to See Beyond incrometer in size)	What the Eye Can Se	e (How to build a N	Microsco	pe to see objects smaller than 1
	Student(s)	Angela Varghes	е	Grade 8	Town	Wilton
* Robert	Francoeur Mer		ce & Engineering Awa Creative or innovative			
Windsor Academ	ny of Aerospace	and Engineering	Michelle Bellinger			
3024 LS	1 N	on-Invasive Pre-sci ervical Cancer Prev	reening Approach for vention in Underrepres	Early Detection of sented Demograph	The Hur nics	man Papillomavirus (HPV) to Aid in
	Student(s)	Ana-Lois Davis		Grade 11	Town	Broad Brook
* Pfizer * The Ja 1st Pl * H. Jos Schoo * Univer grade	Computational Eackson Laborato ace High Schoo eph Gerber Awa of Challenge Ser sity of Hartford \$ 11 only \$28,00	Biology and Bioinformy with Connecticuted 1 - \$500 and Plaqued and of Excellence printer Division, 1st - \$500 arships U0 (\$7,000/year)	matics Awards 1s Academy of Science e, Medallion resented by the Conne s1,000, Award of Exce	at Place High Scho and Engineering U ecticut Academy of Ilence, Invite to CA Scholarship - For E	ool - \$500 Jrban So f Science ASE Anr excellence	chool Challenge Awards e and Engineering Urban
Windsor Acaden	ny of Aerospace	and Engineering	Dr. Aramli			
3086 LS	3 H	ybridization of Trop	aeolum nanum & Trop	paeolum lobbianur	n	
	Student(s)	Elijiah Delgado		Grade 11	Town	Hartford

[SchTown] [Proj#] [FCa	[School] it] [Honors]	_	Teacher] oject Title]	Sponsor(s)	Award(s)					
Windsor Aca	demy of Aerospa	ace ar	nd Engineering	Michelle Bellinger						
6051 PS	6051 PS Testing Model Rocket Propulsion Methods									
	Student	:(s) A	Abby Neal		Grade 11	Town	Somers			
Windsor Aca	demy of Aerospa		nd Engineering	Michelle Bellinger						
6512 PS			<u> </u>	rom the Wind by Combi						
	Student		Ronak Ramesh		Grade 11		Middletown			
		-	Aarush Singh		Grade 11	Town	South Windsor			
\$3 * En * En * Co * Co	 * Connecticut Science Fair Association Physical Science Awards 2nd Place- Physical Sciences Senior High Team-\$300(split) & Plaque * EnergizeCT Alternative & Renewable Energy Awards High School Finalist - Medallion * EnergizeCT Future Sustainability Awards 3rd Place High School - \$200 Cash and Plaque * Constellation Energy 2nd: \$100.00 Cash - Grade 9 - 12: For Excellence in clean renewable / sustainable energy * Connecticut Association of Physics Teachers \$100 Senior project * Jon Chapitis Memorial Award John Chapitis Spirit of Innovation Award - HS \$200 									
Windsor Mad	lina Academy	Ms. S	ana							
6057 PS	3	A Pe	erpetually Flying	Plane						
	Student	(s) I	Hamza Alsaleh		Grade 9	Town	Windsor Locks			
			Sana Farooqi							
6063 PS				·			nction on the drag and lift of airfoils.			
	Student	(s)	Tasneem Zogho)I 	Grade 10	Iown	Enfield ————————————————————————————————————			
* Connecticut Science Fair Association Physical Science Awards 4th Place- Physical Sciences Senior High Individual - Plaque * Petit Family Foundation Women in Science & Engineering Awards 2nd Place High School \$300 / plaque * U.S. Air Force Certificate & USAF Merchandise Paskage * American Institute of Aeronautics & Astronautics - Connecticut Section \$200 award, certificate * Vanderbilt Chemicals, LLC \$150 Vanderbilt Chemicals Award for Excellence in Tribology and Sustainable Lubrication * University of Connecticut - Early College Experience UCONN Early College Experience Program: Frontiers in Science - Co-Op \$100 Gift Certificate										
* Art	hur & Ruth Mens	sing A	ward Mensi	ng Award Excellence in	the High School	Physical	l Sciences - \$500			
Windsor The	Loomis Chaffee	Scho	ool Koby Osei-	Mensah						
6003 PS	1	Impi Surf		tric Conversion Efficier	cy of the Solar Ce	ell with S	Silica-Based-Aerogel-Coated			
	Student	(s) \	Yan Che		Grade 11	Town	Shanghai			
M	edallion			•	·		ences Senior High - CSF 50 Cash and Plaque HS			

[SchTown]	[School]	[Teacher]	C======(=)	Association			
[Proj#] [FCat]		[Project Title]	Sponsor(s)	Award(s)			
		chool Koby Osei-					
3002 LS		•	r using Uncertainty-av		-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	Student(s) Qiwu Jiang		Grade 11	Iown	Windsor	
* Pfizei * Alexio * Unive	r Computational on Biotechnology	Biology and Bioinfo y Awards Finali Scholarships U	oehringer Ingelheim rmatics Awards S st - Biotechnology Se Jniversity of Hartford	Senior High Finalist nior High - CSF Me	- Medall dallion	lion	
Windsor The Lo	oomis Chaffee S	chool Koby Osei-	Mensah				
3106 LS	3 N	A Quantitative Study Mortality Rates to Er	of Social Determinar nphasize Medical and	nts of Health as Pre I Social Disparities	dictors o	of Covid-19 Case Fi nited States	ates and
	Student(s)) Zarin Rizvi		Grade 11	Town	Glastonbury	
Woodbridge An	nity Regional Hig	gh School Catheri	ne Piscitelli				
3108 LS	3 E	Determining an Idea Finite Element Analy	I Surgical Treatment or sis of Different Plate	of Distal Femur Frac and Screw Scenari	ctures in os	o Osteoporotic Elde	rly Based on
	Student(s)) Aaron Babajany	/an	Grade 12	Town	Woodbridge	
Woodbridge An	nity Regional Hig	gh School Catheri	ine Piscitelli				
6002 PS			lopment of an Autono on and Ardupilot Firm		vide Sec	curity for Schools a	nd Businesses
	Student(s)) Edgar Babajany	<i>r</i> an	Grade 12	Town	Woodbridge	
Woodbridge An	nity Regional Hig	gh School Catheri	ne Piscitelli				
3093 LS		Effects of Increased Next Century	Rainfall on Permafros	st Stability and Meth	nane Em	nissions in Eastern	Canada to the
	Student(s)) Vishwa Balamu	rugan	Grade 11	Town	Orange	
Woodbridge An	nity Regional Hig	gh School Catheri	ine Piscitelli				
6085 PS		Refining a Novel Pelloint Control Archite	diatric Bionic Ankle Th cture	nrough Empirical Te	esting ar	nd Integration of an	Intelligent Fluidic
	Student(s)) Aditi Bhattamis	hra	Grade 11	Town	Orange	
	ecticut Science I allion	Fair Association Ph	ysical Science Award	s Finalist - Phys	sical Sci	ences Senior High	- CSF
* Yale	Science & Engin	eering Association, ection \$100 Hon	Inc 1 Certificate orable Mention	Medallion and 1-	\$25 gift (card given by CSE	F
Woodbridge An	nity Regional Hig	gh School Catheri	ne Piscitelli				
6061 PS	2	Creating and Testing	g a Novel Drone Swar	m Mapping and Su	rveilland	e Algorithm	
	Student(s)) Francis Cavalla	ro	Grade 12	Town	Orange	
* U.S. 7 * IEEE	Air Force Ce , Connecticut Se			n Finalist - Medallio	n		

[SchTowr	-	[School]	[Teacher]					
[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)			
Woodbrid	ige An	nity Regional	High School C	atherine Piscitelli				
6077	PS	2	Developing a N Clinical Notes	Machine-Learning Based	Algorithm to Identify a	and Pred	dict Alzheimer's D	isease from
		Studer	nt(s) Haseeb Ch	audhry	Grade 11	Town	Orange	
		ersity of New		ioinformatics Awards ip Awards University				24,000 per
Woodbrid	lge An	nity Regional	High School C	atherine Piscitelli				
3100	LS	2	Developing a n	nachine learning model t tures	o preoperatively evalu	ıate pati	ent outcomes for	complex
		Studer	nt(s) Suhail Irsh	ad	Grade 11	Town	Orange	
				High School Finalist - Noce Awards 3rd Place		Plaque		•
Woodbrid	ige An	nity Regional	High School C	atherine Piscitelli				
6007	PS	2	Determining the Players	e Forces Received Durin	ng Multiple Head Impa	cts in Hi	igh school Americ	an Football
		Studer	nt(s) Matthew L		Grade 12	Town	Orange	
		-	High School C					(1)
3032	LS	3		natic Analyses to Identify id Arthritis Cells	Key Differences Bet	ween the	e Gene Expressio	n of Normal Cells
		Studer	nt(s) Daniel Liu		Grade 12	Town	Woodbridge	
Woodbrid	ige An	nity Regional	High School C	atherine Piscitelli				
3074	LS	1		of Structural Connectiv	ity and Synaptic Dens	ity in Alz	zheimer's Disease)
		Studer	nt(s) Melinda Lu		Grade 12	Town	Woodbridge	
	* Life S	Science Awar	ds with support fr	om Boehringer Ingelhein	n Finalist - Life Sc	ience Se	enior High - CSF	Medallion
Woodbrid	lge An	nity Regional	High School C	atherine Pisctielli				
6070	PS	2	Development of	f an Autonomous Device	that uses Heart Rate	and Vik	orational Pulses to	Reduce Stress
		Studer	nt(s) Sheehan M	lunim	Grade 12	Town	Orange	
	* Stanle * Amer	ey Black & D ican Psychol	ecker Applied Teo ogical Association	chnology Awards Se n Certificate, \$25 gift	nior High Finalist - Me card given by CSEF	edallion		•
Woodbrid	ige An	nity Regional	High School C	atherine Piscitelli				
6017	PS	2	Optimizing Rei Autonomous N	nforcement Learning Usi avigation Al	ng Dynamic Environm	nent Mar	nipulation to More	Efficiently Train
		Studer	nt(s) Aarav Pate	•	Grade 11	Town	Orange	
	* University year	ersity of New)	Haven Scholarsh	chnology Awards Se ip Awards University ematics and Modeling	of New Haven 4 year	r scholar		•

[SchTown] [Proj#] [FCat]	[School]	[Teacher] [Project Title]	Sponsor(s)	Award(s)				
. ,		gh School Catherine P	. ,	7				
6034 PS	2	Designing and Optimizing	g a More Efficient	and Inexpensive (Optical Component fo	or Thermal Cameras		
	Student(s) Anthony Sharonov		Grade 12	Town Bethany			
Woodbridge Ar	nity Regional Hi	gh School Catherine P	iscitellli					
6025 PS		Modeling Subcortical-Co Femporal Memory Artific			ased Decision Making	Using a Hierarchical		
	Student(s) Annika Yun		Grade 11	Town Orange			
* Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * Wisner Chairman's Award \$500 cash & Plaque HS								
Woodbridge Ar	nity Regional Hi	gh School Catherine P	iscitelli					
3069 LS		Determining the Impact of Persistence Developmen						
	Student(s) Annie Zhan		Grade 12	Town Bethany			
* Life S	* Life Science Awards with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion							