



Connecticut Science & Engineering Fair

Quinnipiac University

March 2 - 14, 2026

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

Awards Legend

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

Five Year Longevity Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Hamden	Hamden Hall Country Day School	Alice Loth	3170	LS	2	Development of an AI-algorithm-enabled mobile application and Near-Infrared (NIR) LED device to assist in venipuncture		Student(s) Neev Makin Grade 12 Town Hamden
Hamden	Hamden Hall Country Day School	Patrick Fitzgerald	3144	LS	3	Therapeutic Potential of Neurokinin Receptor 1 Antagonist in Breast Cancer		Student(s) Sophia Vash Grade 12 Town Fairfield
New Haven	Engineering and Science University Magnet	Alyssa Anderson	3092	LS	3	Investigating the Impact of Akkermansia Muciniphila on Neuropathology in Parkinson's Disease Mice		Student(s) Titiladeoluwa Adeniran Grade 11 Town Seymour
New Haven	Engineering and Science University Magnet	Alyssa Anderson	3038	LS	1	Implementation and Validation of a Novel Machine-Learning Framework for Classifying Fossil Invertebrates Using Quantitative Morphological Trait Matrices		Student(s) Sahithi Aliminate Grade 11 Town Milford
<ul style="list-style-type: none"> * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- Finalist - Life Science Senior High - CSF Medallion * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion * University of Hartford Scholarships --- University of Hartford 4 Year Scholarship for Excellence in Science or Math, Grade 11 only - \$120,000 (\$30,000/year) 								
New Haven	Engineering and Science University Magnet	Paula Matei-Grysiak	6007	PS	3	Real-Time Adaptive Support for Dementia: An Integrated Multimodal Device for Spatial and Auditory Guidance		Student(s) Ethan Joseph Grade 11 Town West Haven
<ul style="list-style-type: none"> * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS --- 1st Place High School - \$300 and Plaque, Medallion * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion * H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering --- \$500 to 1st HS Urban School Challenge Science Department for Equipment/Supplies 								

Conn. Science & Engineering Fair

Five Year Longevity Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
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West Hartford Kingswood Oxford Ashkan Novin

3178	LS	1	A Multi-Modal AI/ML Platform for Neurodegenerative Risk Prediction: Integrating Epigenetic Signatures through cfDNA Methylation and Functional Mobility Data					
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Student(s) Rhea Doshi **Grade** 10 **Town** Farmington

- * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 1st Place- Life Sciences Senior High- \$300 & Plaque
- * Pfizer Computational Biology and Bioinformatics Awards --- 2nd Place High School - \$200, Plaque
- * H. Joseph Gerber Award of Excellence presented by the Connecticut Academy of Science and Engineering --- Life Sciences Senior 1st HS- \$1,000, Solid Silver Medal of Excellence, Invite to CASE Annual Mtg
- * Alexion Biotechnology Awards --- 1st Place Biotechnology Senior High - \$300 & plaque



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Four Year Longevity Award Winners

[SchTown]	[School]	[Teacher]	[Proj#]	[FCat]	[Honors]	[Project Title]	Sponsor(s)	Award(s)
Ellington	Ellington High School	James Manger	6110	PS	3	Development of Versatile Metal Casting Molds for Low Melting Temperature Metals Via the Use of Compliant Mechanisms		Student(s) Thomas Gerlach Grade 11 Town Ellington
Fairfield	Fairfield Warde	Ryan Gleason	3523	LST	2	The effect of rising sea levels on the germination and survival of Lathyrus Japonicus (beach pea)		Student(s) Calista Gleason Emma Speicher Grade 11 Town Fairfield Grade 11 Town Fairfield
Greenwich	Greenwich High School	Andrew Bramante	3066	LS	2	Microneedle-Contact Lens Co-Delivery of Azobenzene-Liposome Photoswitches and PEDF Neurotrophic Growth Factors to Repair the Effects of Macular Degeneration		Student(s) Hannah Dcruz Grade 11 Town Greenwich
Greenwich	Greenwich High School	Andrew Bramante	3133	LS	1	Design of a Novel, Dual-Functioning, T-Cell-Engaging and Cytarabine-Based Nanotherapeutic for Acute Myeloid Leukemia Treatment		Student(s) Lula Wang Grade 11 Town Old Greenwich
<p>* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory --- 2nd Place- Life Sciences Senior High- \$200 & Plaque * Alexion Biotechnology Awards --- 3rd Place Biotechnology Senior High - \$100 & plaque</p>								
Hamden	Hamden Hall Country Day School	Sarrah Gavin	3176	LS	3	Genetic diversity of aging and stress on breast cancer survival		Student(s) Anna Aslan Grade 10 Town Hamden
Hamden	Hamden Hall Country Day School	Patrick Fitzgerald	3136	LS	2	Mutating the Copper Binding Residues of CSRP2 to Asses Protein Function in Murine Primary Myoblasts		Student(s) Alessandra Sticca Grade 11 Town Milford
Wilton	Wilton High School	Nomita Ramchandani	6026	PS	2	OleoFoam: A Magnetically Controlled Oleophilic Foam for Targeted Oil Absorption		Student(s) Arav Gupta Grade 10 Town Wilton
<p>* Pepsico Engineering Awards --- Finalist - Engineering High School - CSF Medallion * J.A. Augustine and H. Glista Awards --- \$100 for excellence in Physical Sciences</p>								