Connecticut Science & Engineering Fair Quinnipiac University March 3 - 15, 2025	These judging results are unaudited by the fair's Database Committee. The CSEF reserves the right to correct the listings.
Computational Biology and Bioinformatic	
Awards	Plaque Winners = 1, 2,
[SchTown] [School] [Teacher] [Proj#] [FCat] [Project Title]	Medalists = m Winners = w
Middle School	
Wilton Middlebrook School Arnav Balaji	
2522 L8 Kidney Chronicles: Genes at Work	
Award 1 Student(s) Shushruth Balaji G	arade 8 Town Wilton
 * Connecticut Science Fair Association Life Science Awards with Th 8th grade- trophy * Pfizer Computational Biology and Bioinformatics Awards 1st F * Alexion Biotechnology Awards Finalist - Biotechnology 8th grade 	Place Middle School - \$200, Trophy
High School	
Wallingford Choate Rosemary Hall Zhiyuan Hu 3075 LS Clinical Application of Early Cancer Diagnosis: Supervised and S and Classification of Circulating Tumor Cells	emi-Supervised Neural Networking for the Detection
Award 1 Student(s) Yumeng Wang G	irade 11 Town Wallingford
 * Connecticut Science Fair Association Life Science Awards with Th Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 1st F * Otero Family Award The Otero Family Award; \$250 cash 	
Greenwich Greenwich High School Andrew Bramante	
3011 LS A Novel Multi-Modal ML Approach for Early Detection of Alzheime Modalities	er's Disease Using Clinical, Genetic, and MRI
Award 2 Student(s) Keen-Yin Woo G	irade 11 Town Riverside
 * Connecticut Science Fair Association Life Science Awards with Th Senior High- \$100 & Plaque * Pfizer Computational Biology and Bioinformatics Awards 2nd I * Infosys Foundation Computer Science Awards Senior High Finger 	Place High School - \$200, Plaque
Wallingford Choate Rosemary Hall Ben Small	
3155 LS Development of an AI-Enabled Pressure-Sensing Mat System an Sensor Fusion for Early Detection of Neurodegenerative Disorder	nd Validation of Novel Gait Biomarkers Through Multi-
	irade 10 Town Farmington
 * Connecticut Science Fair Association Life Science Awards with Th Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards 3rd F * Alexion Biotechnology Awards 5th Place Biotechnology Senior * Office of Naval Research- U.S. Navy / U.S. Marine Corps High 	Place High School - \$100, Plaque or High - plaque

fair's Databas	results are unaudited by the se Committee. The CSEF right to correct the listings.
Quinnipiac University	
	udging Results
Awards Plaque	ward Legend Winners = 1, 2,
[SchTown] [School] [Teacher] Medale [Proj#] [FCat] [Project Title]	sts = m rs = w
Avon Avon High School Galuska Andrea	
3132 LS Pathonix: Enhancing Ovarian Cancer Detection with an Explainable and Efficient Er	semble Learning Framework
Award m Student(s) Vishnu Mukku Grade 10 Town	Avon
 * Connecticut Science Fair Association Life Science Awards with The Jackson Laborat Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - M * Infosys Foundation Computer Science Awards Senior High Finalist - Medallion 	-
Bethel Bethel High School Turek Ray	
6035 PS Advancing Personalized Seizure Control: A Cutting-Edge Real-Time EEG Feedback Neurostimulation	System for Precision Adaptive
Award m Student(s) Srirama Desiraju Grade 11 Town	Bethel
 * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - M * University of New Haven Scholarship Awards University of New Haven 4 year sc year) for exemplary 11th grade project * Connecticut Invention Convention "Next Step Inventors" Next Step Inventor Trop 	holarship - \$104,000 (\$26,000 per
2025 Invention Convention May 3	ny a invitation to compete at the
Greenwich Sacred Heart Greenwich Joyce Reed	
3001 LS The Effect of Gender, Age, and Costoclavicular Symmetry or Asymmetry on the Cost Thoracic Outlet Syndrome (nTOS) Patients	stoclavical Interval for Neurogenic
Award m Student(s) Ann Slocum Grade 11 Town	Pleasantville
 Connecticut Science Fair Association Life Science Awards with The Jackson Laborat Senior High - CSF Medallion Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - M 	-
Hamden Hamden Hall Country Day School Lucia Jilaveanu 3140 LS Caveolin-1 as a Biomarker and Potential Mediator of Melanoma Brain Metastasis	
	a
Award m Student(s) Andrei Balas Grade 11 Town	Cheshire

* Regeneron Biomedical Science Award --- Certificate & \$375.00 cash

Awards Award Legend [SchTown] [School] [Teacher] [Proj#] [FCat] [Project Title]	
[SchTown] [School] [Teacher] Plaque Winners = 1, 2, Winners = Winners = 1, 2,	
New Haven Engineering and Science University Magnet School Paula Matei-Grysiak 3003 LS Implementation and Validation of a Novel Machine-Learning-Based Mobile Gyrocardiography System for Arrhyth Detection Detection	nia
Award m Student(s) Ethan Joseph Grade 10 Town West Haven	
 * Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory Finalist - Life Science Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * Urban School Challenge Awards with Connecticut Academy of Science & Engineering and OTIS 1st Place Hi 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 \$ to 1st HS Urban School Challenge Science Department for Equipment/Supplies * 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, \$100 cash 	jh
Redding CT STEM Lindsay McCarthy	
6106 PS Developing a Machine-Learning Driven Wearable Vest for Early Diagnosis and Management of Chronic Obstruct Pulmonary Disease through Vitals Analysis	ve
Award m Student(s) Aryan Shrivastav Grade 10 Town Orange	
* Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion	
South Windsor South Windsor High School Suma Basavarappa 3144 LS SiExo: Modular Bayesian-Optimized Dual-Ligand TfR/RVG Exosomes for siRNA Delivery and BBB Transcytosis CNS Neurotherapeutics	n
AwardmStudent(s)Samarth BasanthGrade11TownSouth Windsor	
* Connecticut Science Fair Association Life Science Awards with The Jackson Laboratory Finalist - Life Science	ł
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF	_
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion	l Lung
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF Stamford King School Victoria Schulman 6057 PS LungSCOPE: A Multimodal Machine Learning-Based Framework for Overall Survival Prediction in Non-Small Ce	l Lung
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF Stamford King School Victoria Schulman 6057 PS LungSCOPE: A Multimodal Machine Learning-Based Framework for Overall Survival Prediction in Non-Small Ce Cancer	
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF Stamford King School Victoria Schulman 6057 PS LungSCOPE: A Multimodal Machine Learning-Based Framework for Overall Survival Prediction in Non-Small Ce Cancer Award m Student(s) Parker Hayashi * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino Finalist - Physic Sciences Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * Infosys Foundation Computer Science Awards Senior High Finalist - Medallion * Infosys Foundation Computer Science Awards Senior High Finalist - Medallion * Pepsico Engineering Awards Finalist - Engineering High School - CSF Medallion * Windsor * The Loomis Chaffee School Gaurav Sharma	
Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * U.S. Metric Association Certificate & \$25 gift card given by CSEF Stamford King School Victoria Schulman 6057 PS LungSCOPE: A Multimodal Machine Learning-Based Framework for Overall Survival Prediction in Non-Small Ce Cancer Award m Student(s) Parker Hayashi * Connecticut Science Fair Association Physical Science Awards with CMS Dorothy Minervino Finalist - Physic Sciences Senior High - CSF Medallion * Pfizer Computational Biology and Bioinformatics Awards Senior High Finalist - Medallion * Infosys Foundation Computer Science Awards Senior High Finalist - Medallion * Infosys Foundation Computer Science Awards Senior High Finalist - Medallion * Pepsico Engineering Awards Finalist - Engineering High School - CSF Medallion	