

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

Final Judging Results

Award Legend

Plaque Winners = 1, 2, ... Medalists = m Winners = w

Computational Biology and Bioinformatics Awards

[Teacher]

[SchTown] [School] [Proj#] [FCat] [Project Title]

Middle School

Greenwich Eastern Middle School Andrew Bramante		
2506 L8 Natural remedies research for seasonal allergies by Ma	chine Learning of Cr	rowd Information
Award 1 Student(s) Arthur Lai	Grade 8	Town Greenwich
* Pfizer Computational Biology and Bioinformatics Awards	s 1st Place Middl	e School - \$300, Trophy
Vilton Middlebrook School Janica Bagosy		
5510 P8 Burnt: A web-based application to help adolescents self	f-assess and seek he	elp for stress and poor mental health
Award 2 Student(s) Jackson Norful	Grade 8	Town Wilton
 * Connecticut Science Fair Association Physical Science Atrophy * Pfizer Computational Biology and Bioinformatics Awards * Infosys Foundation Computer Science Awards 3rd F * Alexion Biotechnology Awards Finalist - Biotechnology 	s 2nd Place Midd Place Middle School-	lle School - \$200, Trophy \$100, Trophy
Bridgeport Geraldine Johnson School Kelly Mulligan		
1009 LT Can you detect Artificial Intelligent generated Text from	Human Generated	Text?
Award 3 Student(s) Angelica Philogene	Grade 8	Town bridgeport
Kee'maja Lilley	Grade 8	Town Bridgeport
 * Pfizer Computational Biology and Bioinformatics Awards * The Jackson Laboratory with Connecticut Academy of S Middle School Finalist - Medallion * Infosys Foundation Computer Science Awards Midd 	cience and Engineer	ring Urban School Challenge Awards
High School		
Voodbridge Amity Regional High School Catherine Piscitelli		
[6098] PS Modeling Interactions Between the Neocortex and the E Hierarchical Temporal Memory Artificial Neural Network	3asal Ganglia During ८	Temporal Sequential Learning Using a
Award 1 Student(s) Annika Yun	Grade 12	Town Orange
 * Connecticut Science Fair Association Physical Science A Medallion * Pfizer Computational Biology and Bioinformatics Awards * Stanley Black & Decker Applied Technology Awards * IFFE, Connecticut Section \$100 Honorable Mention 	s 1st Place High 2nd Place High Sch	School - \$500, Plaque



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Stamford Academy of Information Technology and Joshua Bogard

3035 LS A Novel Machine Learning Model for Estrous Cycle Classification in Mice

[Teacher]

Student(s) Saachi Goyal Award

Grade 11 Town Stamford

- * Life Science Awards with support from Boehringer Ingelheim --- Finalist Life Science Senior High CSF Medallion
- * Pfizer Computational Biology and Bioinformatics Awards --- 2nd Place High School \$300, Plaque

1st Place High School - \$500 and Plaque, Medallior * Infosys Foundation Computer Science Awards S	enior High Finalist - Medallion the Connecticut Academy of Science and Engineering \$500
Wallingford Choate Rosemary Hall Yingxin Gao [3121] LS Identifying the Patterns in the Progression of Alzhei	mer's Disease
Award 3 Student(s) Ann Song	Grade 11 Town Farmington
 * Pfizer Computational Biology and Bioinformatics Awa * Alexion Biotechnology Awards 5th Place Biotech 	
Brookfield Brookfield High School Jonathan Neuhausel	
God48 PS Single Cell Multi-omics Analysis of Glioblastoma:Ide	entification of Differently Expressed Genes and Diagnosis of
Award m Student(s) Shriya Jonnalagadda	Grade 12 Town Brookfield
* Pfizer Computational Biology and Bioinformatics Awa	ards Senior High Finalist - Medallion
Greenwich Greenwich High School Andrew Bramante	
3055 LS Development and In vitro Verification of a Polymers Learning Model	ome for Blood-Brain Barrier Transport Through a Novel Machine
Award m Student(s) Ashley Malkin	Grade 11 Town Greenwich
* Pfizer Computational Biology and Bioinformatics Awa	
 * H. Joseph Gerber Award of Excellence presented by Sciences Senior 1st HS- \$1,000, Solid Silver Medal * Alexion Biotechnology Awards 4th Place Biotech 	•
	Hology Gerilor Flight - plaque
Hamden Hall Country Day School Gina D'Angelo [6025] PS Deep learning based drug response prediction algorithms drug combos.	rithm about synergistic and antagonistic responses of cell lines and
Award m Student(s) Jiahui Chen	Grade 11 Town New Haven
* Connecticut Science Fair Association Physical Scien Medallion * Pfizer Computational Biology and Bioinformatics Awards * Infostre Foundation Computer Science Awards	

- Infosys Foundation Computer Science Awards --- Senior High Finalist Medallion
- * Alexion Biotechnology Awards --- Finalist Biotechnology Senior High CSF Medallion
- * Lunch with a Patent Attorney --- Lunch with a Patent Attorney



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Computational Biology and Bioinformatics Awards

[SchTown] [School] [Teacher] Winners = w [Proj#] [FCat] [Project Title] Hamden Hall Country Day School Robert Link Using an AI algorithm to minimize the number of punctures attempted during blood draw or IV insertion. 3011 Student(s) Neev Makin Town Hamden m Grade 10 Award * Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion **South Windsor** South Windsor High School Danel Fitel A novel approach to preventing the PrPsc induced neurotoxicity which characterizes Creutzfeldt-Jakob disease through 3510 LST the inhibition of Glypican-1 Town South Windsor Student(s) Smriti Rajan Grade 11 Award m Saniav Raian Grade 9 Town South Windsor * Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion King School Victoria Schulman Stamford 6097 DETICKT IT: A Machine Learning-Based Application for Real-Time Tick Identification and Spatiotemporal Disease Risk Assessment Town New Canaan Student(s) Antonia Kolb Grade 12 Award m * Connecticut Science Fair Association Physical Science Awards --- 3rd Place- Physical Sciences Senior High Individual - \$200 & Plaque * Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist - Medallion * Infosys Foundation Computer Science Awards --- Senior High Finalist - Medallion Christopher T. Borowiec Excellence in Innovation Awards --- \$100 Cash for Excellence in Innovation with emphasis in Artificial Intelligence Wilton Wilton High School Matthew Hoyt 3059 LS A Novel Al-Driven Approach for Tracking and Managing Invasive Plant Species Student(s) Shriya Natarajan Town Wilton Grade 10 m Award |

- * Life Science Awards with support from Boehringer Ingelheim --- 3rd Place- Life Sciences Senior High- \$200 & Plaque
- * Pfizer Computational Biology and Bioinformatics Awards --- Senior High Finalist Medallion
- * Environmental Sciences Awards with Connecticut Association of Conservation and Inland Wetlands Commissions ---HS Finalist - CSF Medallion
- * Banning Family Life Science Award --- For excellence in invasive species research, \$100 cash