



Connecticut Science & Engineering Fair

Quinnipiac University

March 11 - 16, 2019

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

Final Judging Results

People's United Bank Mathematics Awards with ATOMIC

Award Legend
 Trophy Winners = 1, 2, ...
 Medalists = m
 Winners = w

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

Middle School

5553 P8 Tracking Plastic Bottles on Blockchain - Better Environmental Policies and Accountability through Economic and Accurate, Real-Time Management

Award 1 Student(s) C. Brooks Harris Grade 8 Town Greenwich

- * Lockheed Martin Physical Sciences Awards --- 4th Place- Physical Sciences 8th Grade Ind. - trophy and Invitation Compete in Broadcom MASTERS
- * People's United Bank Mathematics Awards - with ATOMIC --- 1st Place Middle School- \$150 from ATOMIC, and Trophy, \$300 from People's United Bank
- * Computer Science Awards --- 1st Place Middle School - \$300, Trophy and Medallion
- * Society of Women Engineers - Hartford Section --- Scientific Calculator

5503 P8 Preventing Bicycle Injuries Using an Arduino Microcontroller

Award 2 Student(s) Anthony Sharonov Grade 8 Town Bethany

- * People's United Bank Mathematics Awards - with ATOMIC --- 2nd Place Middle School- \$100 from ATOMIC, and Trophy, \$200 from People's United Bank

High School

6052 PS A Novel Activation Function for a Convolutional Neural Network Implemented Without Machine Learning Libraries

Award 1 Student(s) Aresh Pourkavoos Grade 10 Town Avon

- * People's United Bank Mathematics Awards - with ATOMIC --- 1st Place High School- \$150 from ATOMIC, Plaque, \$500 from People's United Bank
- * Computer Science Awards --- 1st Place High School - \$400, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate
- * Mu Alpha Theta --- Certificate, \$25 gift card given by CSEF
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Computer Science
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Mathematics
- * Maplesoft Awards for Applied Mathematics and Modeling --- Maple software - For Excellence in Mathematics

6529 PST On the Polygon Determined by the Short Diagonals of a Convex Polygon.

Award 2 Student(s) Yi Won Kim Grade 11 Town Watertown
 Andrew Lee Grade 10 Town Wallingford

- * People's United Bank Mathematics Awards - with ATOMIC --- 2nd Place High School- \$100 from ATOMIC, Plaque, \$300 from People's United Bank



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3022	LS	Early Diagnosis and Tracking of Parkinson's Disease via Supervised Machine Learning Algorithms
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Award 3 **Student(s)** Kyle Xiong **Grade** 11 **Town** Riverside

- * People's United Bank Mathematics Awards - with ATOMIC --- 3rd Place High School - Plaque, \$200 from People's United Bank
- * IEEE, Connecticut Section --- \$100 Honorable Mention

6068	PS	Measuring Convexnesses of Electoral Districts Using Graph Theory to Flag Potentially Gerrymandered Districts
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Award m **Student(s)** Sam Florin **Grade** 10 **Town** Greenwich

- * People's United Bank Mathematics Awards - with ATOMIC --- High School Finalist - Medallion
- * Computer Science Awards --- 3rd Place High School- \$200, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate