



Connecticut Science & Engineering Fair

Quinnipiac University

March 9 - 14, 2020

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

5521 P8 The Power of a Wind Turbine

Award 1 Student(s) Felicia Silva Grade 8 Town Bozrah

- * Mathematics Awards - with ATOMIC --- 1st Place Middle School- \$150 from ATOMIC, and Trophy, \$300 from People's United Bank
- * Petit Family Foundation Women in Science & Engineering Awards --- 2nd Place- Middle School- \$200 / trophy
- * Collins Aerospace Engineering Awards --- Finalist - Engineering Middle School - CSF Medallion
- * U.S. Metric Association --- Certificate & \$25 gift card given by CSEF
- * Alumni Botany Awards --- Alumni Middle School Botany Award- \$100 Cash
- * Robert Francoeur Memorial Award --- Creative or innovative project in engineering or computer science by female students - \$200

4036 PT WAZE to Evaluate Traffic: The Drive from Guilford to JFK

Award 2 Student(s) Jason Li Grade 8 Town Guilford
 Eric Huang Grade 7 Town Guilford
 William Cong Grade 8 Town Guilford

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

5530 P8 Sustainability in Skincare: A comparison between store-bought products and homemade (DIY) products: What's more cost efficient, time efficient, and has superior quality?

Award m Student(s) Simar Soni Grade 8 Town Bethel

- * Mathematics Awards - with ATOMIC --- Middle School Finalist - Medallion

High School

6073 PS Biases in First and Second Moments of the Fourier Coefficients in One- and Two-Parameter Families of Elliptic Curves

Award 1 Student(s) Michelle(Jiefei) Wu Grade 11 Town Simsbury

- * Mathematics Awards - with ATOMIC --- 1st Place High School- \$150 from ATOMIC, Plaque, \$500 from People's United Bank
- * Mu Alpha Theta --- Certificate, \$25 gift card given by CSEF
- * Maplesoft Awards for Applied Mathematics and Modeling --- Maple software - For Excellence in Mathematics



Connecticut Science & Engineering Fair

Quinnipiac University

March 9 - 14, 2020

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]

6084 PS RandGAN: Testing the Limits of Small Neural Networks

Award 2 **Student(s)** Aresh Pourkavoos **Grade** 11 **Town** Avon

- * Mathematics Awards - with ATOMIC --- 2nd Place High School- \$100 from ATOMIC, Plaque, \$300 from People's United Bank
- * Applied Technology Awards --- Senior High Finalist - Medallion
- * Computer Science Awards --- 2nd Place High School - \$300, Plaque
- * Mu Alpha Theta --- Certificate, \$25 gift card given by CSEF

3517 LST Wavelet-Based Machine Learning Algorithms to Enhance Cardiovascular Disease Diagnosis

Award 3 **Student(s)** Veronica Pegkou Christofi **Grade** 12 **Town** Farmington
 Rafaela Kottou **Grade** 12 **Town** Farmington

- * PepsiCo / Pfizer Life Sciences Awards --- 1st Place- Life Sciences Senior High Team- \$500 (split) & Plaque
- * Mathematics Awards - with ATOMIC --- 3rd Place High School - Plaque, \$200 from People's United Bank

6068 PS Development of a Novel Neural Network Architecture for Improved Multiclass Classification

Award m **Student(s)** Jamison Meindl **Grade** 12 **Town** Riverside

- * Mathematics Awards - with ATOMIC --- High School Finalist - Medallion