



Connecticut Science & Engineering Fair

Quinnipiac University

March 15 - 19, 2016

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

Xerox Computer Science Awards

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

Middle School

Avon Talcott Mountain Academy Dr. Jessica Lodwick

2035 L7 Do Algorithms Dream of Electric Trees?

Award 1 **Student(s)** Aresh Pourkavoos **Grade** 7 **Town** Avon

- * People's United Bank Mathematics Awards - with ATOMIC --- 1st Place Middle School- \$150 from ATOMIC, and Trophy, \$300 from People's United Bank
- * Xerox Computer Science Awards --- 1st Place Middle School - \$300, Trophy and Medallion
- * Maplesoft Awards for Applied Mathematics and Modeling --- Maple software - For Excellence in Mathematics

Avon Talcott Mountain Academy Dr. Jessica Lodwick

2548 L8 Using Artificial Neural Networks to Diagnose Prostate Cancer Malignancy

Award 2 **Student(s)** Zan Huang **Grade** 8 **Town** West Hartford

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

Hebron RHAM Middle School Bob Clarke

2522 L8 Computer simulation if segregating students by classroom during lunch time during a viral outbreak will reduce the length of the viral outbreak and the number of students infected.

Award 3 **Student(s)** Isabelle Benson Clarke **Grade** 8 **Town** Marlborough

- * People's United Bank Mathematics Awards - with ATOMIC --- 3rd Place Middle School - Trophy , \$100 from People's United Bank
- * Petit Family Foundation Women in Science & Engineering Awards --- 3rd Place- MS Life Sciences- \$150 / plaque
- * Xerox Computer Science Awards --- 3rd Place Middle School- \$100, Trophy, Medallion
- * Alexion Biotechnology Awards --- 1st Place- Biotechnology 8th grade- \$500 & trophy and Invitation Compete in Broadcom MASTERS
- * Leask/Francoeur Family Awards --- 1st Place Middle School- For innovation electrical engineering or computer science - \$200 cash

Bethany Amity Reg Middle School, Bethany Campus Mr. Berean

4009 PT The TempBot

Award m **Student(s)** Ana Boccanfuso **Grade** 8 **Town** Woodbridge
 Saunder Saffran **Grade** 8 **Town** Bethany

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- 1st Place- Physical Sciences MS Team- \$100 each & trophy, invite to compete Broadcom MASTERS
- * Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- * Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award
- * United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- * Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSEF
- * IEEE, Connecticut Section --- \$100 Honorable Mention



Connecticut Science & Engineering Fair

Quinnipiac University

March 15 - 19, 2016

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

Final Judging Results

Xerox Computer Science Awards

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

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

Canton Canton Middle School Mr. Riley

4026 PT The Note Glove

Award m **Student(s)** Gabriel Mower **Grade 8** **Town** Canton
 Adam Obrzut **Grade 8** **Town** Canton

- * Connecticut Science & Engineering Fair Physical Sciences Awards --- Finalist - Physical Science sJr Team - CSF Medallion & Acrylic Award
- * Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award
- * Connecticut Academy of Audiology --- \$150 Cash Award Middle School- For Excellence in Audiology and Acoustics

Glastonbury Smith Middle School Mary Coburn

5526 P8 Li-Fi: How bright should LEDs be to accurately transmit data?

Award m **Student(s)** Arjun Ahilan **Grade 8** **Town** Glastonbury

- * Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award
- * United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- * Society of Women Engineers - Hartford Section --- Scientific Calculator



Connecticut Science & Engineering Fair

Quinnipiac University

March 15 - 19, 2016

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

Xerox Computer Science Awards

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

High School

Fairfield Fairfield College Preparatory School Deborah Kiel

6052 PS Application of Computer Vision in Pupil and Eye Center Tracking

Award 1 Student(s) Hanson Mo Grade 11 Town Fairfield

- * People's United Bank Mathematics Awards - with ATOMIC --- 1st Place High School- \$150 from ATOMIC, Plaque, \$500 from People's United Bank
- * Barnes Aerospace Applied Technology Awards --- 1st Place High School - \$500 and Plaque, Medallion
- * Xerox Computer Science Awards --- 1st Place High School - \$400, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate
- * IEEE, Connecticut Section --- \$250 Honors Award -Senior
- * Skills21 at EDUCATION CONNECTION --- \$100 For innovative use of technology to advance science or engineering
- * Zepke Award --- \$200 - For the Best Use of Electronic Circuitry
- * 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

Woodbridge Amity Regional High School Deborah Day

6501 PST Creating a Mobile School Navigation App

Award 2 Student(s) Vince Li Grade 10 Town Orange
 David Wang Grade 12 Town Bethany

- * Xerox Computer Science Awards --- 2nd Place High School - \$300, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Computer Science

Bethel Bethel High School Ray Turek

3038 LS Decoding Dangerous DNA

Award 3 Student(s) Monisha Das Grade 12 Town Bethel

- * Xerox Computer Science Awards --- 3rd Place High School- \$200, Plaque, Medallion
- * Intel Excellence in Computer Science Award --- \$200 & certificate
- * Leask/Francoeur Family Awards --- 1st Place High School- For innovation electrical engineering or computer science - \$200 cash
- * Cell Analysis and Modeling Award - Center for Cell Analysis and Modeling at UCHC --- \$100 monetary prize- and Tour of the Cell and Genome Sciences Institute at UCONN Health Center
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Cell and Molecular Biology

Bridgeport Fairchild Wheeler Interdistrict Magnet Mrs. Jamie Warner

3047 LS An Investigation into the Affect of Computer Puzzle Games on Student Test Scores

Award m Student(s) Steven Siveyer Grade 9 Town Monroe

- * Xerox Computer Science Awards --- Senior High Finalist - Medallion, Acrylic Award



Connecticut Science & Engineering Fair

Quinnipiac University

March 15 - 19, 2016

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

Xerox Computer Science Awards

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

Bristol St. Paul Catholic High School Mr Aliberti
 6006 PS A Novel Approach To Help Households Use Less Water
Award m **Student(s)** Kamila Krawczuk **Grade** 10 **Town** New Britain

- * Xerox Computer Science Awards --- Senior High Finalist - Medallion, Acrylic Award
- * Energize CT/eesmarts Future Sustainability Awards --- High School Finalist - Medallion and Acrylic Award
- * Ct Architecture Foundation Award Name: The William M. Mack, AIA Award --- \$250 Gift Certificate to Barnes and Noble from the Connecticut Architecture Foundation, William M. Mack, AIA Award.
- * ISA - International Society for Automation - Ct. Valley Section --- 2nd - \$75 award
- * CSF Board of Directors Award --- certificate and \$50 Amazon gift card given by CSF
- * The Connecticut Technology Council Young Woman Innovation Award --- \$150 Cash Award for Technological Innovation

Suffield Suffield High School Mitch Charkiewicz
 3024 LS An Application To Efficiently Take Notes Reliably For Full Student Engagement in a Teacher's Lecture
Award m **Student(s)** Madison D'Ostuni **Grade** 11 **Town** Suffield

- * Xerox Computer Science Awards --- Senior High Finalist - Medallion, Acrylic Award