Connecticut Science Fair
Quinnipiac University
March 13 - 17, 2012

Final Judging Results

Computer Science

[SchTown]   [School]   [Teacher]

[Proj#] [FCat] [Project Title]

Middle School

Bozrah   Fields Memorial School   Mrs. E Brown

2534	L8	Password Security

Award **1**   **Student(s) Connor Provost**   **Grade** 8   **Town** Bozrah

- ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards - with People's United Bank --- 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
- IEEE, Connecticut Section --- $100 Honorable Mention

Bozrah   Fields Memorial School   Mrs. E Brown

5021	P7	What variables affect the grasp efficiency of a robotic arm?

Award **2**   **Student(s) Emily O'Connor**   **Grade** 7   **Town** Bozrah

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences 7th Grade - CSF Medallion & Acrylic Award
- Xerox Computer Science Awards --- 2nd Place Middle School - $200, Trophy and Medallion
- IEEE, Connecticut Section --- $100 Honorable Mention

Avon   Talcott Mountain Academy   John Pellino

2525	L8	How Do Different Colors and Sizes Affect Memory

Award **3**   **Student(s) Mark Shapiro**   **Grade** 8   **Town** Glastonbury

- Xerox Computer Science Awards --- 3rd Place Middle School- $100, Trophy, Medallion

Danbury   St. Peter-Sacred Heart Upper School   Mr. Greg Capone

5505	P8	Programming NANORGS in a Virtual World

Award **m**   **Student(s) Gabriel Correa**   **Grade** 8   **Town** Danbury

- Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award

Norwalk   The Montessori Middle School   Carolyn Ogden-Stenerson

5521	P8	Experimental Evaluation of Techniques for Protecting Users from Malware Attacks

Award **m**   **Student(s) Samyukt Kumar**   **Grade** 8   **Town** Stamford

- Xerox Computer Science Awards --- Middle School Finalist - Medallion, Acrylic Award
- IEEE, Connecticut Section --- $100 Honorable Mention

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

Final Judging Results

Computer Science

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

High School

Woodbridge   Amity Regional High School   Deborah Day

| 6006 | PS | Effect of Indexing String Length On Speed and Memory Usage for Digital Karyotyping Query Algorithms |

| **Award** | **1** | **Student(s) Jordan Henck** | **Grade** 11 | **Town** Woodbridge |

- Xerox Computer Science Awards --- 1st Place High School - $400, Trophy, Medallion
- Intel Excellence in Computer Science Award --- $200 & certificate
- Milton Fisher Science Fair Award for Innovation and Creativity --- For Excellence in Creativity and Innovation by a High School student, $200 cash
- Leask/Francoeur Family Awards --- 1st Place High School- For innovation electrical engineering or computer science - $200 cash

Shelton   Shelton High School   Mrs. Dunham

| 6066 | PS | Revolutionizing Cancer Treatment: A Simulation of Nanocarriers Using Swarm Intelligence for Targeted Cancer Cells |

| **Award** | **2** | **Student(s) Rigel Mahmood** | **Grade** 10 | **Town** Shelton |

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- Xerox Computer Science Awards --- 2nd Place High School - $300, Trophy, Medallion
- Intel Excellence in Computer Science Award --- $200 & certificate
- IEEE, Connecticut Section --- $100 Honorable Mention

Shelton   Shelton High School   Mr. Nazzaro

| 6516 | PST | What is the Fastest Way to Solve a Sudoku Puzzle? |

Award	**3**	**Student(s) Ryan Zuklie**	**Grade** 12	**Town** Shelton
		Alex Wlcek	**Grade** 12	**Town** Shelton
		Mike Dellolio	**Grade** 12	**Town** Shelton

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences Senior Team - CSF Medallion & Acrylic Award
- Xerox Computer Science Awards --- 3rd Place High School- $200, Trophy, Medallion

Bridgeport   Central High School   Ms. Sullivan

| 6525 | PST | Javonic Bonding |

Award	**m**	**Student(s) Monsurat Olaosebikan**	**Grade** 11	**Town** Bridgeport
		Carolyn Roach	**Grade** 11	**Town** Bridgeport
		Jaymi Gooden	**Grade** 11	**Town** Bridgeport

- Urban School Challenge Awards --- Senior High Finalist - Medallion and acrylic award
- Xerox Computer Science Awards --- Senior High Finalist - Medallion, Acrylic Award

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Final Judging Results

Computer Science

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

Norwich   Norwich Free Academy   Mrs. Jones

6016	PS	Utilizing a Robotic Turning Mechanism to Focus on the Sun in Order to Maximize the Efficiency of a Parabolic Trough Water Heating System

Award m   **Student(s) Remington Carle**   **Grade** 11   **Town** Norwich

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences Senior High - CSF Medallion & Acrylic Award
- Xerox Computer Science Awards --- Senior High Finalist - Medallion, Acrylic Award
- eesmarts/CT Energy Efficiency Fund Future Sustainability Awards --- High School Finalist - Medallion and Acrylic Award
- United Technologies Corporation Awards --- $500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- Connecticut Association of Physics Teachers --- $100 Senior project
- IEEE, Connecticut Section --- $100 Honorable Mention
- I-SWEEEP (International Sustainable World Project Olympiad) --- I-SWEEEP Competition for student (2) and advisor -