



Connecticut Science Fair

Quinnipiac University

March 11 - 15, 2008

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

Final Judging Results

Applied Technology

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

Award Legend

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

Middle School

Windsor Creative Home school Mrs. Aisha Khan

2010 L7 Sugar Powered Future: Constructing an Alkaline Fuel Cell and Operating it with Different Biofuels to Increase Voltage Output

Award 1 Student(s) Zainab Khan Grade 7 Town Windsor

Fairfield Hillel Academy Mrs. Karen Howell

4004 PT Quantitative Analysis of Cellulosic Biofuels and Their Effect on Environment

Award 2 Student(s) Daniel Salem Grade 8 Town New Haven
Benjamin M. Ellenberg 8 Easton

Trumbull St. Catherine of Siena School Mrs. Shickler

5535 P8 Gyromills; Jetstream Power Plants

Award 3 Student(s) Adam C. Kee Grade 8 Town Trumbull

Danbury St. Joseph School Ms. Catherine Vill

5556 P8 Convert Waste to Energy

Award m Student(s) Narmien Haddad Grade 8 Town Danbury

Mystic Mystic Middle School Mrs. Kimberly Brandt

5537 P8 The Mythbox: A Portable DVR

Award m Student(s) Michael A. Ciociola Grade 8 Town Stonington

Westbrook Westbrook Middle School Cathi A. Lepore

5002 P7 Wind Turbines - What is the Best Blade Angle?

Award m Student(s) Kathryn H. Cyr Grade 7 Town Westbrook

Willington Hall Memorial School Mrs. Laura Rodriguez

5505 P8 Putting Wind to Work: The Efficiency of Windmill Blades

Award m Student(s) Erica N. Tremko Grade 8 Town Willington

High School

Manchester East Catholic High School Ms. Lesa Milas

6021 PS Use of Seashells to Detoxify Lead-Contaminated Effluent and Groundwater

Award 1 Student(s) Theresa A. Oei Grade 9 Town Hebron

Woodbridge Amity Regional High School Young-Wook Lee (Father)

6061 PS Development of a Radio Controlled Flapping Wing Micro Air Vehicle

Award 2 Student(s) Simon J. Lee Grade 9 Town Orange

Brewster Brewster High School Ed Schmidt

3045 LS Mudslide Mitigation Protocols for Southern California using Enhanced Germination Technologies in *Larrea tridentata*

Award 3 Student(s) Dorothy M. Klein Grade 12 Town Brewster

Greens Farms Greens Farms Academy Dr. Mathieu J. Freeman

6033 PS Feasibility of Low Temperature Proton Exchange Membrane Fuel Cells

Award m Student(s) Michael A. Pavlis Grade 12 Town Fairfield



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Guilford Guilford High School Mr. Cuddy

6009 PS Building and Testing an Inexpensive PCR Machine

Award m **Student(s)** Alan P. Weiner **Grade** 10 **Town** Guilford

Norwich Norwich Free Academy Mr. Croteau

3529 LST Population Spread and Impact of Galerucella Beetles

Award m **Student(s)** Zachary S. Banning
Jessica S. Banning **Grade** 12
10 **Town** Bozrah
Bozrah

Putnam Putnam Science Academy Ahmet Cakar

6507 PST Better Fuel or Better Oxidizer?

Award m **Student(s)** Semih Eren
Muhammed Y. Mergen **Grade** 11
11 **Town** Putnam
Putnam