



Connecticut Science Fair

Quinnipiac University

March 10 - 14, 2009

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

Final Judging Results

CT Clean Energy Fund

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

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

Middle School

Hebron Oei Homeschool Paul Oei

5023 P7 Piezoelectric Tiles: A Novel Approach to Harvesting Vibrations as a New Renewable Energy Source

Award **1** Student(s) **Bridget M. Oei** Grade 7 Town Hebron

Woodstock Woodstock Middle School Ms. Rodgers

5032 P7 What are the Effects of Light Intensity, Temperature, Wavelength, and Angle of Light Upon a Solar Cell?

Award **2** Student(s) **Hannah E. Guilani** Grade 7 Town Woodstock Valley

Trumbull St. Catherine of Siena School Mrs. Schickler

5506 P8 Design of an Inflatable Solar Concentrator to Reduce Price per Watt and Amplify Photovoltaic Energy Production

Award **3** Student(s) **Kyle T. Ryan** Grade 8 Town Trumbull

Mystic Mystic Middle School Mrs. Bausch

4005 PT The Power of Wind

Award **m** Student(s) **Kyle C. Gillick**
Zachary P. Poirier Grade 7
7 Town Stonington
Pawcatuck

Pawcatuck St. Michael School Bernie Petkis

5003 P7 Which is Better Economically and Energy Wise--Active or Passive Solar Energy?

Award **m** Student(s) **Caleb M. Whewell** Grade 7 Town Pawcatuck

Stafford Springs St. Edward School Mrs. Wendy Hopkins

5042 P7 Wood Burning:A Biofuel Heating Source

Award **m** Student(s) **Emily M. Jacoboski** Grade 7 Town Willington

Windsor Madina Academy Rasha Amir & Mehwish Amin

5053 P7 Is Solar Power Colorblind?

Award **m** Student(s) **Rubina Bhura** Grade 7 Town East Hartford

High School

Wallingford Choate Rosemary Hall Deron N. Chang

3012 LS Modeling Synergistic Cellulolytic-Hemicellulolytic Enzyme Complexes for Lignocellulosic Hydrolysis

Award **1** Student(s) **Aditya Rajagopalan** Grade 12 Town Glastonbury

Greenwich Greenwich High School Andrew Bramante

3504 LST Analysis of Jatropha Curcas

Award **2** Student(s) **David Finkelstein**
Stephen Rubino Grade 11
11 Town Greenwich
Greenwich

Danbury Immaculate High School Mrs. Betsy Murphy

6049 PS Enzyme Catalyzed Biodiesel Production

Award **3** Student(s) **Narmien Haddad** Grade 9 Town Danbury



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Fairfield Fairfield College Preparatory School Mr. Mamrus

6037 LS Algae, Biofuel of the Future

Award m **Student(s)** Adam C. Kee **Grade** 9 **Town** Trumbull

Greenwich Greenwich High School Andrew Bramante

6013 PS Emissions of Compressed Natural Gas in a Wankel Rotary Engine Comparison with Gasoline Emissions

Award m **Student(s)** Victor P. Ansart **Grade** 11 **Town** Greenwich

Norwich Norwich Free Academy Robert Johnson

6062 PS Solar Updraft Tower

Award m **Student(s)** Ian D. Dakers **Grade** 9 **Town** Bozrah

Oxford Oxford High School Dr. Frank LaBanca

6029 PS Reduction of Resistance to Fluid Movement in a PEM Fuel Cell Due to Freezing

Award m **Student(s)** Daniel Spicer **Grade** 11 **Town** Oxford

Shelton Shelton High School Mr. Seppa

6063 PS Increasing the Efficiency of Hydrogen Production with Thermal Energy

Award m **Student(s)** Ryan J. Rousel **Grade** 11 **Town** Shelton