



Connecticut Science Fair Quinnipiac University March 15 - 19, 2011

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 Award

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

Award Legend

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

Middle School

Woodstock Woodstock Middle School Mrs. Carter

5046 P7 What are the effects of pH and temperature on the efficiency of ethanol production from biomass?

Award 1 Student(s) Deanna L. Guilani Grade 7 Town Woodstock Valley

Newtown St. Rose of Lima School Marde Dimon

2514 L8 Improved Process for Bioremediation of Oil Contaminated Seawater

Award 2 Student(s) Haley M. Ryan Grade 8 Town Newtown

Hebron Oei Homeschool Ellen McHugh

5030 P7 Prototype Design of an Electricity Generating Shoe Utilizing a Pumped Air Turbine.

Award 3 Student(s) Maura C. Oei Grade 7 Town Hebron

Manchester St. Bridget School Ms. Kim Maysonet

5023 P7 The Effect Of Temperature On The Viscosity Of Motor Oil

Award m Student(s) Nicole Robitaille Grade 7 Town Manchester

Middlefield Independent Day School Charlotte Stutz

5512 P8 Fuel Cells, Are they the Future?

Award m Student(s) Danielle M. Shubat Grade 8 Town East Haddam

Pawcatuck St. Michael School Mr. DeNoia

5516 P8 The Effect of Blade Design on The Electrical Output of a Vertical Axis Wind Turbine

Award m Student(s) Catherine E. Montalto Grade 8 Town Westerly

Westbrook Westbrook Middle School Mrs. Shafer

5508 P8 Do Different Light Sources Effect the Performance of a Solar Cell

Award m Student(s) Kaitlyn M. Luft Grade 8 Town Westbrook

High School

Manchester East Catholic High School Ms. Noble

6072 PS Applying the Principles of the Tesla Engine to Design and Construct a Prototype of a Bladeless Wind Turbine

Award 1 Student(s) Bridget M. Oei Grade 9 Town Hebron

Greenwich Greenwich High School Andrew Bramante

6069 PS Optimization of a Microbial Fuel Cell Structure to Drive a Bioelectrochemically-Assisted Wastewater Treatment Reactor

Award 2 Student(s) Ryota Ishizuka Grade 11 Town Cos Cob

Greenwich Greenwich High School Andrew Bramante

6071 PS Improved Spectral Response of Dye Sensitized Solar Cells through Red-Shift Fluorescence Resonance Energy Transfer (FRET)

Award 3 Student(s) Thomas C. Newberry Grade 11 Town Riverside

Greenwich Greenwich High School Mr. Andrew Bramante

6066 PS Synthesis of Hot Electron Carrier Lead Selenide Nanocrystals and Thin Film Layers using a Novel Vitamic C Reduction

Award m Student(s) Victoria R. Leto Grade 11 Town Greenwich



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Greenwich Greenwich High School Andy Bramante

6051 PS Purification of Biofuel Syngas via Methanation of CO₂ with a Raney Nickel-Aluminum Alloy

Award m Student(s) Nicholas M. Ornitz Grade 11 Town Old Greenwich

Oxford Oxford High School Mrs. Granucci

6002 PS Using Refinery Produced CO₂ Emissions to Form Limestone Aggregate Industrial Grade Cement, Calcium Carbonate, When Combined With Calcium.

Award m Student(s) Jared A. Schulman Grade 11 Town Oxford

Putnam Putnam Science Academy Ahmet Hakan Duman

3513 LST Utilizing Autumn Foliage as an Alternative Energy Source and as an Absorbing Agent for Oil Spills

Award m Student(s) Ozkan Cil Grade 12 Town Putnam

Selahaddin S. Ozkan Grade 11 Town Putnam

Fehmi E. Agaoglu Grade 11 Town Putnam