



Connecticut Science Fair

Quinnipiac University

March 13 - 17, 2012

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

Final Judging Results

Award Legend

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

United Technologies Awards

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

Middle School

Greenwich Eastern Middle School Brian Carstens

2512 L8 An Investigation Into Hydrogen-Producing Green Algae

Award **Student(s)** Paul Hansel **Grade** 8 **Town** Old Greenwich

Glastonbury Smith Middle School Mr. Falcigno

4027 PT Solar Panel in Greenhouse

Award **Student(s)** Ninad Vora **Grade** 7 **Town** Glastonbury
Soham Kale **Grade** 7 **Town** Glastonbury

East Granby East Granby Middle School Mr Paskiewicz

5520 P8 Comparison of Baseball Bat Composition: Safety

Award **Student(s)** Gavin McConnell **Grade** 8 **Town** East Granby

Hebron Oei Home School Mrs. Ellen Oei

5525 P8 Development of a Prototype Pendulum Wave Energy Conversion Device

Award **Student(s)** Maura Oei **Grade** 8 **Town** Hebron

High School

Manchester East Catholic High School Ms. Holly Noble

6002 PS Polyvinylidene Fluoride (PVDF) Piezoelectric Generator: A Novel Approach to Harvesting Vibrations from Human Respiration to Power Biological Implant Devices

Award **Student(s)** Bridget Oei **Grade** 10 **Town** Hebron

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

Greenwich Greenwich High School Andrew Bramante

6049 PS An Organic Thin Film Transistor and Elastic Organic Solar Cell Based Electronic Skin for Biochemical and Tactile Sensing

Award **Student(s)** Ryota Ishizuka **Grade** 12 **Town** Cos Cob

Greenwich Brunswick School Mrs. Dana Montanez

6501 PST A Comparative Analysis of Bio-Diesel Emissions Versus Emissions of Petroleum Diesel

Award **Student(s)** Matthew Mayfield **Grade** 11 **Town** Greenwich
Vikram Bodas **Grade** 10 **Town** Greenwich