



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

Applied Technology

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

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

Middle School

Windsor Madina Academy Aisha Seyal
 5041 P7 A novel water filtration and disinfection system designed using a salad spinner, dynamo and high intensity light emitting diodes (LED) for use in developing countries.

Award 1 Student(s) Sithy A. Mahamoon Grade 7 Town Windsor

Greenwich/Riverside Eastern Middle School Brian Carstens
 5009 P7 A Cost-Effective, Eco-Friendly Weather Monitoring UAV.

Award 2 Student(s) Paul J. Hansel Grade 7 Town Old Greenwich

Norwalk The Montessori Middle School David Lavallee
 5554 P8 Airlift Water Pumping

Award 3 Student(s) Eric Smith Grade 8 Town Norwalk

Hebron Oei Homeschool Ellen McHugh
 5030 P7 Prototype Design of an Electricity Generating Shoe Utilizing a Pumped Air Turbine.

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

Stafford Springs St. Edward School Mrs. Milnes
 5559 P8 Ion Engines: A Superior Deep Space Propulsion Method

Award m Student(s) Benjamin S. Teerlinck Grade 8 Town Monson

Windsor Madina Academy Mehwish Amin
 2002 L7 A Novel Approach to Oil Spill Cleanup: Wood Chips

Award m Student(s) Sofija Gjonbalaj Grade 7 Town Manchester

High School

Greenwich Greenwich High School Andrew Bramante
 6069 PS Optimization of a Microbial Fuel Cell Structure to Drive a Bioelectrochemically-Assisted Wastewater Treatment Reactor

Award 1 Student(s) Ryota Ishizuka Grade 11 Town Cos Cob

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

Manchester East Catholic High School Ms. Holly Noble
 6050 PS Development of a Composite Clay Polymer Sponge for Remediation of Oil Contaminated Water.

Award 3 Student(s) Theresa A. Oei Grade 12 Town Hebron

New Milford New Milford High School Mr. Felten
 6060 PS What are the most desirable sources of mud for a microbial fuel cell?

Award m Student(s) Tara E. Larkin Grade 11 Town New Milford

Putnam Putnam Science Academy Fatih Cekic
 6014 PS Improving the Efficiency of Robotic Arm Movement through Advanced Geometric Calculations

Award m Student(s) Serik Tukupov Grade 10 Town Putnam



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Redding Joel Barlow High School Dr. Katherine Nuzzo

3008 LS Efficacy of Solar Disinfection Using Artificial Sunlight Versus a Composite of Infrared, Ultraviolet, and Visible Light

Award m **Student(s)** Caroline Caglioni **Grade** 12 **Town** Redding

Westport Staples High School Dr. Nicholas Morgan

6064 PS Evaluation of Venting-to-Coolant in Sodium-Cooled Fast Neutron Reactors

Award m **Student(s)** Tessa D. Green **Grade** 12 **Town** Westport