



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

Environmental Sciences

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

Bozrah Fields Memorial School Evelyn Brown
 2508 L8 Fanwort: Friend or Foe?

Award 2 Student(s) Marissa A. Digby Grade 8 Town Bozrah

Madison Our Lady of Mercy School Rosalie Zonder
 1018 LT Will They Survive...

Award 3 Student(s) Kevin O'Brien Grade 8 Town Guilford
 Liam Lynders Grade 8 Town Guilford

Orange Southern Connecticut Hebrew Academy Mrs. Karen Howell
 5518 P8 The Buffering Capacity of Various Types of Soils and Grasses on Acid Rain

Award m Student(s) Moshe Y. Piekarski Grade 8 Town Hamden

Stratford Harry B. Flood Middle School Mr. Gorski
 1019 LT How to Counteract the Effects of Acid Rain on Plant Life

Award m Student(s) Lily A. Mudre Grade 8 Town Stratford
 Rachel M. Mudre Grade 8 Town Stratford

Windsor Madina Academy Aisha Seyal
 1014 LT Effects of composting leaves, coffee grounds, vegetables, or fruits compared to store-bought fertilizer and regular soil on the growth & appearance of plants and on soil nutrient levels.

Award m Student(s) Rayyan Ashraf Grade 8 Town Windsor
 Shakeel A. Choudhury Grade 8 Town Bloomfield

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
 6040 PS Electrified Nanoscale Architecture in Mixed Matrix Membranes as a Means of Rapid Throughput Water Sterilization

Award 1 Student(s) Will B. Hallisey Grade 11 Town Greenwich

Greens Farms Greens Farms Academy Sara Campolettano
 3001 LS The Investigation of the Biological Health of the New Creek Salt Marsh through Water Quality Testing and Species Identification of Benthic Invertebrates

Award 2 Student(s) Allison C. Kruk Grade 12 Town Easton

Wallingford Choate Rosemary Hall Lawrence Stowe
 3066 LS Biodegradation of Polylactide Nanoweb Electrospun for Freshwater Harmful Algal Bloom Removal

Award 3 Student(s) Joshua S. Kim Grade 11 Town Wallingford



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Bethel Bethel High School Mr. Raymond Turek

3043 LS Super Weed: Allelopathic Inhibition of Garlic Mustard (*Alliaria Petiolata*) on Germination and Growth of Native Zinnia Seeds

Award m Student(s) Julie M. Zeller Grade 11 Town Bethel

Darien Darien High School Mr. David Lewis

3041 LS A Study of Egg Fertility Rate in Leatherback Sea Turtle Clutches Over the Nesting Season (March-June) at the Pacuare Reserve, Costa Rica

Award m Student(s) Dana E. Howe Grade 12 Town Darien

Greenwich Greenwich High School Andrew Bramante

3025 LS Subsistence of *Escherichia Coli* on Artificial Turf Surfaces

Award m Student(s) Charlotte D'Acierno Grade 11 Town Old Greenwich

Hamden Sacred Heart Academy Mrs. Frances Saukas

3079 LS A Comparative Study of Herbs Grown Using an Aquaponic vs. a Hydroponic Growing System

Award m Student(s) Olivia N. Kelly Grade 9 Town Shelton

Oxford Oxford High School Mrs. Doherty

6048 PS Design and Testing of Two-step Arsenic - remediating water filtration system (year two)

Award m Student(s) Joseph A. Bonavita Jr Grade 12 Town Oxford