



# Connecticut Science Fair

## Quinnipiac University

March 11 - 15, 2008

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

### Final Judging Results

## Mathematics

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

#### Award Legend

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

### Middle School

**West Hartford** Solomon Schechter Day School Mr. David Girolamo

5528 P8 Which Offensive Baseball Statistic Best Predicts Run Production?

**Award** 1 **Student(s)** Uri T. Bilmes **Grade** 8 **Town** West Hartford

**Avon** Talcott Mountain Academy Mr. Meredith

5013 P7 Natural Spirals and Mathematical Series

**Award** 2 **Student(s)** Emily E. Baczyk **Grade** 7 **Town** Avon

**Avon** Talcott Mountain Academy Mark Meredith

5540 P8 Determining Thermal Conductivity

**Award** 3 **Student(s)** Alexander Rainville **Grade** 8 **Town** Granby

**Trumbull** St. Catherine of Siena School Mrs. Shickler

5535 P8 Gyromills; Jetstream Power Plants

**Award** m **Student(s)** Adam C. Kee **Grade** 8 **Town** Trumbull

### High School

**Fairfield** Fairfield Warde High School Ms. Faggella

6004 PS A Novel Exploration of the Theory of Calculus and its Applications to Circular Motion

**Award** 1 **Student(s)** Evan N. Feinberg **Grade** 11 **Town** Fairfield

**Putnam** Putnam Science Academy Ahmet Cakar

6051 PS Selection with Perfect Privacy by using RSA Encryption

**Award** 2 **Student(s)** Mehmet Sencan **Grade** 10 **Town** Putnam

**Westport** Staples High School Dr. AJ Scheetz

6059 PS Providing a Detect-and-Verify Framework for Specific Face Detection

**Award** 3 **Student(s)** Zachary I. Weiner **Grade** 12 **Town** Westport

**East Lyme** East Lyme High School Dr. James Michaelson

3022 LS Development of a Computer Model of Cancer Metastasis to Identify Screening Strategies for Reducing the Lethal Burden of Malignant Melanoma

**Award** m **Student(s)** Priya G. Ranade **Grade** 11 **Town** East Lyme

**North Haven** North Haven High School Marilyn Kramer

3041 LS A Numerical Model of Late-Spiking Neurons

**Award** m **Student(s)** Fiona W. Wood **Grade** 11 **Town** North Haven

**Norwich** Norwich Free Academy Mr. Roy Wentworth

3512 LST The Impact of Park Clearing Along the Yantic River on Benthic Macroinvertebrate Populations: Part II

**Award** m **Student(s)** Samantha M. Schoepfer  
Heather N. Leask **Grade** 10 **Town** Bozrah  
10 Bozrah

**Watertown** The Taft School William Kron

6062 PS OCR: Handwriting Recognition

**Award** m **Student(s)** Matthew A. Petroff **Grade** 9 **Town** Cheshire