



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

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

- Pfizer Life Sciences Awards --- 3rd Place- Life Sciences 8th grade- \$100 & trophy and Invite to Compete Broadcom MASTERS
- Barnes Aerospace Applied Technology Awards --- 3rd Place Middle School - \$100 and Trophy, Medallion
- Clean Energy Finance and Investment Authority Alternative/Renewable Energy Awards --- 3rd Place Middle School - \$100 Cash and Trophy
- eesmarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- 1st Place Middle School - \$500 Cash and Trophy
- Goodrich ISR Awards for Excellence In Engineering --- \$1,000 Cash and plaque
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- Alexion Biotechnology Awards --- 1st Place- Biotechnology 8th grade- \$300 & trophy and Invitation Compete in Broadcom MASTERS

Hebron Oei Home School Mrs. Ellen Oei

5525 P8 Development of a Prototype Pendulum Wave Energy Conversion Device

Award 2 **Student(s)** Maura Oei **Grade** 8 **Town** Hebron

- Dominion's Millstone Power Station Physical Sciences Awards --- 2nd Place- Physical Sciences 8th Grade Ind. - \$200 & trophy, invite to compete Broadcom MASTERS
- ATOMIC (Associated Teachers of Mathematics In CT) Mathematics Awards - with People's United Bank --- Middle School Finalist - Medallion & Arcylic Award
- Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- Clean Energy Finance and Investment Authority Alternative/Renewable Energy Awards --- 1st Place Middle School - \$300 Cash and Trophy
- eesmarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- 2nd Place Middle School - \$300 Cash and Trophy
- Goodrich ISR Awards for Excellence In Engineering --- \$1,000 Cash and plaque
- United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, Book, and Annual Report
- MIT Club of Hartford K-12 Initiative --- For excellence in energy related research, middle school, \$150 cash award
- Milton Fisher Science Fair Award for Innovation and Creativity --- For Excellence in Creativity and Innovation by a Middle School student, \$100 cash
- ProConn Power Inc. Award for Sustainable Electrical Energy Research --- \$250 for Excellence in Sustainable Electrical Energy Research



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Windsor Madina Academy Aisha Seyal

2527 L8 Manufacturing and Biodegrading Bioplastics: Observing the speed of biodegradation of potato, rice, tapioca and corn starch based plastics.

Award 3 **Student(s)** Muhammad Ali **Grade** 8 **Town** Windsor

- Pfizer Life Sciences Awards --- 4th Place- Life Sciences 8th grade- trophy and Invite to Compete Broadcom MASTERS
- Audubon Connecticut & Arch Chemicals Environmental Awards --- 3rd Place MS- \$100, Trophy, Audubon gifts
- eesmarks/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- 3rd Place Middle School - \$200 Cash and Trophy
- Alexion Biotechnology Awards --- 3rd Place- Biotechnology 8th grade- \$100 & trophy and Invitation Compete in Broadcom MASTERS
- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSF
- Talcott Mountain Science Center --- Founder's Award - \$450 Saturday Mentorship Course at TMSC - Middle School Life Science
- Institute of Food Technologists, Nutmeg Section --- \$50 award + invitation to dinner

Bridgeport Thurgood Marshall Middle School Carmen Andrews

2501 L8 Rock the Brownfields Green: Food for Fungi

Award m **Student(s)** Ann Hewitt **Grade** 8 **Town** Fairfield

- Audubon Connecticut & Arch Chemicals Environmental Awards --- MS Finalist - Audubon gifts, CSF Medallion, Acrylic award
- eesmarks/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy

Danbury St. Joseph School Mrs. Page

5032 P7 Ocean Wave and Tide Energy Project

Award m **Student(s)** James Parris **Grade** 7 **Town** Brookfield

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences 7th Grade - CSF Medallion & Acrylic Award
- Barnes Aerospace Applied Technology Awards --- Middle School Finalist - Medallion and acrylic award
- eesmarks/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- American Meteorological Society --- Certificate & \$50 Amazon gift card given by CSF
- Office of Naval Research- U.S. Navy / U.S. Marine Corps --- Middle School- Certificate, \$50 gift card to Amazon given by CSF

Fairfield Our Lady of the Assumption School Mrs. Kathy Almeida

5524 P8 Do Brightly Colored Roofs Reduce Thermal Radiation?

Award m **Student(s)** Patrick Agonito **Grade** 8 **Town** Fairfield

- eesmarks/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- CSF Board of Directors Award --- Certificate and \$50 Amazon gift catd given by CSF



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e-smarts Sustainable Resources & Practices

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

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Winners = w

Fairfield Our Lady of the Assumption School Kathy Almeida

2540 L8 The Effects of De-Icing Salts and Chemical Compounds on Adiantum pedatum

Award m **Student(s)** Amanda Gerstenfeld **Grade** 8 **Town** Fairfield

- Pfizer Life Sciences Awards --- Finalist - Life Sciences 8th grade - CSF Medallion & Acrylic Award
- e-smarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- Alexion Biotechnology Awards --- Finalist - Biotechnology 8th grade - CSF Medallion & Acrylic Award Souvenir
- Alumni Botany Awards --- Alumni Middle School Botany Award- \$100 Cash

Windsor Madina Academy Aisha Seyal

5033 P7 Charge your device in a power blackout: Effective methods to generate electricity from heat and solar energy using thermoelectric generators

Award m **Student(s)** Osama ElSherbini **Grade** 7 **Town** Windsor

- Dominion's Millstone Power Station Physical Sciences Awards --- Finalist - Physical Sciences 7th Grade - CSF Medallion & Acrylic Award
- Clean Energy Finance and Investment Authority Alternative/Renewable Energy Awards --- Middle School Finalist - Medallion, Acrylic Award
- e-smarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy

Windsor Madina Academy Aisha Seyal

5020 P7 Back to the Future with Mud Brick and Clay Egyptian Houses and Wooden American Houses: Comparing cooling and heating methods, structure stability, and cost differences

Award m **Student(s)** Malak Enayetallah **Grade** 7 **Town** Tolland

- e-smarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy

Windsor Madina Academy Aisha Seyal

2515 L8 Polypropylene Oil Magnets: A comparison of this novel approach using ferrofluids to established methods of oil spill removal including OEMs, woodchips, hay, and compost.

Award m **Student(s)** Ayesha Khan **Grade** 8 **Town** Windsor

- Audubon Connecticut & Arch Chemicals Environmental Awards --- MS Finalist - Audubon gifts, CSF Medallion, Acrylic award
- e-smarts/CT Energy Efficiency Fund Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion and Acrylic Trophy
- U.S. Air Force --- Certificarte, sport bag, speaker, organizer