

Science Horizons 2002
Fair and Symposium Winners

FAIR - Overall Senior Winner

(\$1000 scholarship and expenses to Int'l Science & Engineering Fair)

Student	School	Teacher
Stephen Ingraham	New Fairfield High School	Mrs. Weldon
Project: Designing a Laser Jamin Interference Refractometer To Measure Gas Refractive Index		

FAIR - Senior Biological Division A

Prize	Student	School	Teacher
1 st (\$150)	Corey Green Project: The effects of the N677 MTHFR Mutation on Human recurrent Miscarriages	Danbury High School	Mr. Miller
2 nd (\$100)	Elizabeth Mandeville Project: Diatoms Dominate	New Milford High School	Mrs. Wilson
3 rd (\$75)	Samantha Lin Project: The Soda Pop Question: Can Soda Inhibit Ecoli Growth?	Bethel High School	Ms. Bly

FAIR - Senior Biological Division B

Prize	Student	School	Teacher
1 st (\$150)	Maria Dimitrova Project: The effect of magnetic water on plants	New Milford High School	Mrs. Levin
2 nd (\$100)	Shawna Dobson Project: Brain Habits in Processing Stimuli	Bethel High School	Mr. Turek
3 rd (\$75)	Elizabeth Calle Project: How Can DNA Analysis be Used for Determination of Maternal Relatedness?	Danbury High School	Mr. Miller

FAIR - Senior Physical Division A

Prize	Student	School	Teacher
1 st (\$150)	David Roache Project: Profiler: the next wave in hurricane landfall forecasting	New Milford High School	Mr. Oles
2 nd (\$100)	Alison Goldenberg Project: Newtonian Telescope Fabrication	Danbury High School	Mr. Miller
3 rd (\$75)	Anna-Katrina Shedletsky Project: A proposed Model for the Harmonic Oscillation of Hydrogen ₂	Brewster High School	Mr. Mostransky

FAIR - Senior Physical Division B

Prize	Student	School	Teacher
1 st (\$150)	Paul Legan Project: The Creation of Digital Imaging Software and Its Potential	New Milford High School	Mr. Oles
2 nd (\$100)	Joel Schwartz Project: Effect of Blade Design on the Efficiency of Water Turbines	North Salem High School	Mr. Kasack
3 rd (\$75)	Joe Bonanni Project: Kickin the Tires	Ridgefield High School	Mr. Amend

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FAIR - Overall Junior Winner

(Week for two students in Space Camp)

Student	School	Teacher
Paul McCaffrey	H. H. Wells Middle School	Mr. Craig

Project: Bridges vs. S-Waves

FAIR - Junior Biological Division

Prize	Student	School	Teacher
1 st (\$150)	Daniel Black	H. H. Wells Middle School	Mr. Murin
	Project: Adjustable Orthotics		
2 nd (\$100)	Carl Eckner	H. H. Wells Middle School	Mrs. Driscoll
	Project: Killing Microorganisms and Protection Against Disease		
3 rd (\$75)	Christine Sutherland	H. H. Wells Middle School	Mr. Murin
	Project: Brainbow of Colors		

FAIR - Junior Physical Division

Prize	Student	School	Teacher
1 st (\$150)	Chris Niessl	H. H. Wells Middle School	Mr. Craig
	Project: The Efficiency of Standard Wood Frames		
2 nd (\$100)	Hunter Young	H. H. Wells Middle School	Mr. Craig
	Project: Cold Thrust Rocket		
3 rd (\$75)	Daniel Douglas	H. H. Wells Middle School	Mr. Craig
	Project: The Conservation of Temperature and the study of Insulation		

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FAIR - Junior Team Biological Division

Prize	Student	School	Teacher
1 st \$100 each	Katie Winkler and Dana Happel Project: Do Subconscious Messages Come Through in a Conscious World?	Newtown Middle School	Mr. Bauer and Mrs. Johnson
2 nd \$75 each	Stacy Riley and Caitlin Byrnes Project: Short Term Memory - Here Today - Gone Tomorrow	H. H. Wells Middle School	Mr. Craig
3 rd \$50 each	Blair Brendli and Rebecca Brendli Project: Soils Affecting Earthworm Reproduction	H. H. Wells Middle School	Mr Craig

FAIR - Junior Team Physical Division

Prize	Students	School	Teacher
1 st \$100 each	Kathryn Ebert and Kara Fitzgerald Project: Does Age Affect Your Photographic Memory?	Saint Mary School	Mr. Quinlan
2 nd \$75 each	Andrew Altman and Gregory Marecki Project: The Seismic Resistance of Different Soils	New Fairfield Middle School	Mrs. Sullivan
3 rd \$50 each	Katherine Calle and Tiffany Moy Project: Bottled Spring Water vs. Purified Drinking Water. Which One is Purer?	Broadview Middle School	Mr. Seabury