

Science Horizons 2001
Fair and Symposium Winners

FAIR - Overall Senior Winner

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

Student	School	Teacher
John Shedletsky	Brewster High School	Mike Mostransky
Project: Reaction-Diffusion Systems Applied to Morphological Development		

FAIR - Senior Physical Division A

Prize	Student	School	Teacher
1 st (\$150)	Paul Fraioli	Brewster High School	Mike Mostransky
Project: Experimentation and Observation of the Elusive Nonlinear Sonoluminescing Bubble			
2 nd (\$100)	Jonathan Wu	Bethel High School	Ms. Bly
Project: Laser Welding Nitinol			
3 rd (\$75)	William Klieber	New Fairfield High School	Ms. Dougherty
Project: Training Artificial Neural Networks for Classes Not In Testing Set			

FAIR - Senior Physical Division B

Prize	Student	School	Teacher
1 st (\$150)	Christine Murcott	Brookfield High School	
Project: Tintinnabular or Tinny: An Intense Study of Harp String Harmonics			
2 nd (\$100)	Amy Amin	Bethel High School	Mr. Jan Pikul
Project: How Does Construction of a Bridge Affect its Strength?			
3 rd (\$75)	Hilary Zaic	Ridgefield High School	Mr. Amend
Project: The Effect of Angle of Attack on Airplane Lift			

FAIR - Senior Biological Division A

Prize	Student	School	Teacher
1 st (\$150)	Samantha Koller	Immaculate High School	Mrs. Foncello
Project: Split Ends			
2 nd (\$100)	Heather Love	Danbury High School	Ron Miller
Project: Deposition Exposition			
3 rd (\$75)	Graham Snow	Danbury High School	Mr. Kreiger
Project: How does the amount of algae affect oxygen levels in water?			

FAIR - Senior Biological Division B

Prize	Student	School	Teacher
1 st (\$150)	Cristina Concepcion	Bethel High School	Mrs. Bly
Project: What is Yeast's Favorite Food?			
2 nd (\$100)	Chad Albert	Danbury High School	Mr. Miller
Project: Effects thermal pollution and excessive increase in nitrate level have on biological & physical life cycles of a planarian			
3 rd (\$75)	Kelly Andersen	Danbury High School	Mr. Miller
Project: Effectiveness of UV-protection lenses			

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FAIR - Overall Junior Winner

(Week for two students in Space Camp)

Stephen Ingraham New Fairfield Middle School Mrs. Geisinger

Project: Measuring refractive index with a refractometer: the speed of light in liquids

FAIR - Junior Biological Division

Prize	Student	School	Teacher
1 st (\$150)	Matthew Gethers Project: The Effects of Music on the Human	St. Joseph	Kris Pattison
2 nd (\$100)	Colin Lord Project: Which plant is the best weather man?	Mr. Ciavara	Wells Middle School
3 rd (\$75)	Eva Tringali Project: The ABCs of Patience	Mrs. Pecoraro	Wells Middle School

FAIR - Junior Physical Division

Prize	Student	School	Teacher
1 st (\$150)	Kiri-lin MacGregor Project: Chaotic Fluids	St. Mary's School	Mrs. M. Samuelson
2 nd (\$100)	Paul Klieber Project: Relative Yaw, Pitch and Distance in a 3D Graphics Engine	New Fairfield Middle School	Mr. Blake
3 rd (\$75) tie	Erin Villamizar Project: Passive Solar Rabbit Cages	Whisconier Middle School	Mr. Regan
3 rd (\$75) tie	Susan Levitt Project: Effects on sound propagation through a medium by varying densities and physical/chemical properties	Rogers Park Middle School	Mr. Balanda

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FAIR - Junior Team Physical Division

Prize	Students	School	Teacher
1 st \$100 each	Alex Nicoletti & Michael Murphy Project: Under Pressure	Wells Middle School	Mr. Ciavara
2 nd \$75 each	Megan Taverna & Karen Friedlander Project: Look Out for the Sleet Under Your Feet	Wells Middle School	Mr. Ciavara
3 rd \$50 each	Amil Patel & Bruno Moura Project: The effect of weight on a roller coaster	Rogers Park Middle School	Mr. Balanda

FAIR - Junior Team Biological Division

Prize	Student	School	Teacher
1 st \$100 each	Michael Press & Ryan Lowry Project: A-maze-ing Slime	Wells Middle School	Mrs. Celeste Ormerod
2 nd \$75 each	Nicole Sousa & Mia Petrosky Project: Which Disinfectant Is More Effective Against Bacterial Growth Against Different Age Groups In A Classroom?	St. Gregory	Mrs. Karpich
3 rd \$50 each	Kathryn Ebert & Kara Fitzgerald Project: How Harmful is Second Hand Smoke	St. Mary School	Mrs. Samuelson