

65th Pittsburgh Regional Science and Engineering Fair Affiliate Sponsor Awards, April 2-3, 2004

Affiliate Sponsor Award	Student's Name	Project Title	School/Teacher
American Meteorological Society	Dan Weber	Prediction of CMEs	Keystone Oaks High School/Elizabeth Fadgen
American Meteorological Society	Melissa Meighan	Air Pollution: Seasonal Variation	East Allegheny High School/James Frankiewicz
American Psychological Association	Jane Henkels	Birth Order & Personality	St. Thomas More School/Cathy Borecky
ASM International Foundation	Rebecca Levitan	The Effect of Different pH Liquids on the Rusting of Iron Nails	Frick International Studies Academy/Winifred Corr
Association for Women GeoScientists	Di Ye	Carbon Sequestration by Bauxite Residue	Mt. Lebanon Senior High School/Irene Duda
Eastman Kodak company Photographic Award	Jennifer Soung	Pharmaceuticals and Extra-Cellular Matrix	Franklin Regional Senior High School/James Passarelli
Herbert Hoover Presidential Library Association	Chris Hruska	Does Design Affect Speed?	Pine-Richland Middle School/Kathy Deal
INTEL Excellence in Computer Science	Albert Sheu	Coding/Analysis of Steganography	Franklin Regional Senior High School/James Passarelli
INTEL Excellence in Environmental Health and Safety Award	Daile Flurry	MtBE and TAML Reaction Byproduct	Schenley High School/Charlotte Atwood
International Society for Optical Engineering	Geza I. Erdos	Exploring Nanotechnology	North Allegheny Senior High School/Karl Kennedy
Mu Alpha Theta	Caroline Rogi	The Dickey Facts	Franklin Regional Middle School/John Blank
NACE International(National Assoc. of Corrosion Engineers)	Ian McMeans	How Do Rust Removers Work?	North Catholic High School/Stephen Hiner
National Society of Professional Engineers	Richard White	Aerodynamics in Action	St. Alphonsus School/Nancy Snyder
U.S. Air Force	Ben Burns	Acid Mine Drainage at Wingfield Pines	Upper St. Clair High School/Jean Austin
U.S. Air Force	Grace Park	Biochemical Memory in Planaria	Franklin Regional Senior High School/James Passarelli

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U.S. Air Force	Dana Brutsche	Torque and Model Airplane Flight	Norwin High School/Brian Nevi
U.S. Air Force	Heather Ender	Bait Selection in Blowflies	Seneca Valley Intermediate High School/Patti Griest
U.S. Army	Matthew Zeiler	Effects of Antacids	Highlands High School/Brigitte Huffman
U.S. Army	DeAndre Smith	The Efficiency of Maglev vs. Rolling Friction	Schenley High School/Mark Murphy
U.S. Army	Lorren Kezmoh	Frog Coloration Station	Brentwood Middle School/Sherry Nystrom
U.S. Army	David Snyder	Static Friction of Metals	Fox Chapel Area High School/Gregory Schubert
U.S. Army	Michael Andryka	Flocking Behavior in Robots	Linton Middle School/Claire Dice
U.S. Army	Dana Brutsche	Torque and Model Airplane Flight	Norwin High School/Brian Nevi
U.S. Army	Megan Conroy	Acid Mine Drainage Remediation	Conroy Learning Center/Stephanie Conroy
U.S. Army	Julie Gaydosik	Breakin' Bridges	Hopewell Memorial Jr. High School/Paula Cosnek
U.S. Army	Dionysios Kavalieratos	RNAi Mediated Disruption of hnRNP F and Downstream Effects on Ig Synthesis	Allderdice High School/Cathy Didomenico
U.S. Army	Andrew Goldstein	Comp. Of Arrow Tip Weight to Flight Dist.	Sterrett Classical Academy/Terri Knaebel
U.S. Army	Abhiram Bhashyam	Effects of Sulfonation on a Sulfonated PolyEther Ketone (PEEK) Membrane used in a Fuel Cell	Bethel Park High School/Barbara Eisel
U.S. Army	Anirban Sahu	Are Insecticides Safe?	Fox Chapel Area High School/Gregory Schubert
U.S. Army	Lavanya Sivakumar	Genetic Algorithm in Acoustics	Franklin Regional Middle School/John Blank
U.S. Army	Marissa Pfoff	A Model for Warfarin Dosing	Our Lady of the Sacred Heart High School/Michael Schuster
U.S. Army	Shane Bates	Does the Shape of the Pile Affect Its Vertical Load?	Conemaugh Township Area High School/Deanna Haddle
U.S. Army	Lauren Whitehead	Something Ghastly in Your House?	South Allegheny Sr. High School/Janice Skraly

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U.S. Dept of Health and Human Services - U.S. Public Health Service Awards	Lynley Doonan	Modified Corn in Your Corn Products?	Serra Catholic High School/Kathy Warcup
U.S. Metric Association	Michael P. Moeslein	Does Rear Wheel Size Matter?	St. Elizabeth Elementary School/Bruce Kolosvary
U.S. Navy/U.S. Marine Corps	Steve Hood	Magnetic and Air Lock Brakes	Ingomar Middle School/John Ashoff
U.S. Navy/U.S. Marine Corps	Matthew Lipner	Wind Turbine Blade Effects	Gateway Middle School/Karen Maddix
U.S. Navy/U.S. Marine Corps	Michael Andryka	Flocking Behavior in Robots	Linton Middle School/Claire Dice
U.S. Navy/U.S. Marine Corps	Jennifer Munoz	Are Dogs Right or Left Pawed?	Hopewell Memorial Jr. High School/Paula Cosnek
U.S. Navy/U.S. Marine Corps	Kerrick Dando	Green Roof Ecology	Franklin Regional Middle School/John Blank
U.S. Navy/U.S. Marine Corps	Cameron Louttit	Body Type VS. Wind Resistance	Franklin Regional Middle School/John Blank
U.S. Navy/U.S. Marine Corps	Reid Myers	Measuring the Accuracy of a robot	Allerdice High School/Cathy Didomenico
U.S. Navy/U.S. Marine Corps	Albert Sheu	Coding/Analysis of Steganography	Franklin Regional Senior High School/James Passarelli
U.S. Navy/U.S. Marine Corps	Jennifer Cross	HARP: Helicopter-based Autonomous Robotic Pilot	State College Area High School/Jack Lyke
U.S. Navy/U.S. Marine Corps	Geza I. Erdos	Exploring Nanotechnology	North Allegheny Senior High School/Karl Kennedy
U.S. Navy/U.S. Marine Corps	Benjamin Cence	Wind: Energy of the Future	Cambria Heights Middle School/Laura Fisanick
Water Environment Federation	Samantha Bell	Effect of Fire Retardant Chemicals on Freshwater Ecosystems	Seneca Valley Intermediate High School/Patti Griest
Yale Science and Engineering Assoc.	Albert Sheu	Coding/Analysis of Steganography	Franklin Regional Senior High School/James Passarelli