

Pittsburgh Regional Science Engineering Fair
 Affiliate Sponsor Awards
 Presented on March 26, 2010

Award	Winner	ProjectID	ProjectTitle
American Meteorological Society	Matthew Atwood / South Allegheny High School / McKeesport, PA	SES004	Chemical Effects on Ocean Life
American Meteorological Society	Carl Jackson / Wilson Christian Academy / West Mifflin, PA	SPH017	Oh, the Humidity!
American Meteorological Society	Pietra Bruni / Seton LaSalle High School / Pittsburgh, PA	SBI008	Glow With The Flow: Year Four
American Meteorological Society	Natalie Brock / St. Joseph High School / Natrona Heights, PA	SBI006	Comparison of Hydroponic Systems
American Psychological Association	Rebecca Deane / Ambridge Area Senior High School / Ambridge, PA	SBS010	The Effect of Mental Conditioning on an Athlete's Performance
American Psychological Association	David Shipe / Freeport Junior High School / Freeport, PA	MBI054	How Quickly Can Mice Learn by Observation
ASM Materials Education Foundation	Steven Kozlowski / St. Joseph Regional School / Port Vue, PA	JPS036	Effects of Salt Water on Metals
ASM Materials Education Foundation	Claire Ozolek / St. Maurice / Pittsburgh, PA	MPH055	Splatter Pattern! Get to the Point!
Association for Women GeoScientists	Katelyn Ripple / Ambridge Area Junior High School / Freedom, PA	MES028	Bring On the Rain
Association for Women GeoScientists	Avisha Shah / Upper St. Clair High School / Pittsburgh, PA	SER021	Opatron II
INTEL Excellence in Computer Science	Sasank Chundi / Upper St. Clair High School / Pittsburgh, PA	SCM002	Analysis of Protein Structure using Computational Meth
MU Alpha Theta	Himalaya Mehta / Franklin Regional Senior High School / Murrysville, PA	SCM007	Alternate Approximations to Solving Definite Integrals
MU Alpha Theta	Sasank Chundi / Upper St. Clair High School / Pittsburgh, PA	SCM002	Analysis of Protein Structure using Computational Meth
National Oceanic & Atmospheric Administration	Pietra Bruni / Seton LaSalle High School / Pittsburgh, PA	SBI008	Glow With The Flow: Year Four
National Oceanic & Atmospheric Administration	Sarah Klotz / Wilson Christian Academy / West Mifflin, PA	SES034	Surfs Up
National Society of Professional Engineers	Matt Vernacchia / Upper St. Clair High School / Pittsburgh, PA	SER027	Automotive Photobioreactor
National Society of Professional Engineers	Melissa Anna / Cambria Heights High School / Patton, PA	SPH040	Sound Projection In Classrooms
Ricoh Americas Corporation	Taylor Borrelli / Freeport Junior High School / Freeport, PA	MMH005	How Contam. is Wtr Spry on Prodc?
Ricoh Americas Corporation	Maria Kovalchuk / The Ellis School / Pittsburgh, PA	SCH019	Fresh Water from Industrial Wastes
Society for In Vitro Biology	Juliana Tambellini / Thomas Jefferson High School / Jefferson Hills, PA	SMH051	Advil's Influence on Prokaryotic Gene Expression
Society for In Vitro Biology	Cheyenne Novich / South Allegheny High School / McKeesport, PA	SCH031	Don't Kid With Kidney Stones
Stockholm Junior Water Prize/Water Environment Federation	Frances Anne Tosto / St. Joseph High School / Natrona Heights, PA	SES055	Reclaiming Streams Affected by AMD
Stockholm Junior Water Prize/Water Environment Federation	Quinn Pendred / Knoch High School / Saxonburg, PA	SES040	P & N in Marine Systems
Stockholm Junior Water Prize/Water Environment Federation	Victoria Schneider / Seton LaSalle High School / Pittsburgh, PA	SES046	Greener Ways to Clean Our Rivers
U.S. Air Force	Avisha Shah / Upper St. Clair High School / Pittsburgh, PA	SER021	Opatron II
U.S. Air Force	Evan Klei / Pine-Richland High School / Gibsonia, PA	SBI021	Mating Strategies to Manage Recessive Alleles
U.S. Air Force	Laura Klos / St. Agnes / West Mifflin, PA	JPS035	Suck It Up!
U.S. Air Force	Jenna MacBeth / Linton Middle School / Pittsburgh, PA	JPS039	Equality of LIGHT?
U.S. Air Force	Peter Zhang / Franklin Regional Senior High School / Murrysville, PA	SCH047	A Colligative Property and De-Icing Chemicals
U.S. Air Force	Sarah Dunn / Ambridge Area Senior High School / Ambridge, PA	SBS013	The Effect of Socio Economic Status on Cognitive Control in 3 and 4 year olds

Pittsburgh Regional Science Engineering Fair
 Affiliate Sponsor Awards
 Presented on March 26, 2010

Award	Winner	ProjectID	ProjectTitle
U.S. Air Force	Gabe Ren / Ingomar Middle School / Pittsburgh, PA	JPS053	Rusting Nails
U.S. Air Force	Nicholas Carlisano / Mother of Sorrows / Murrysville, PA	JPS011	What Liquids Cause Rust?
U.S. Air Force-Honorable Mention	Humza Ahmed / Mt. Lebanon High School / Pittsburgh, PA	SBI001	Ultraviolet Light and Bacteria
U.S. Air Force-Honorable Mention	Sava Dragovich / Gateway Middle School / Monroeville, PA	MER004	Cheap Energy
U.S. Army-First Place	Ian Aiken / Northern Garrett High School / Accident, MD	SER001	Mouth Mouse
U.S. Army-First Place	Matt Vernacchia / Upper St. Clair High School / Pittsburgh, PA	SER027	Automotive Photobioreactor
U.S. Army-Second Place	Sasank Chundi / Upper St. Clair High School / Pittsburgh, PA	SCM002	Analysis of Protein Structure using Computational Meth
U.S. Army-Second Place	Ariel Schroeder / St. Joseph High School / Natrona Heights, PA	SMH045	Improving Stethoscope Hygiene
U.S. Army-Second Place	Shankar Athinarayanan / Bethel Park High School / Bethel Park, P	SCM001	Prevention of Side Channel Attacks in EC Cryptography
U.S. Army-Second Place	Michelle Lee / North Allegheny Intermediate High School / Wexford	SMH027	Superbug Invades our Schools: Can We Stop it?
U.S. Army-Second Place	Alimpon Sinha / Fox Chapel Area High School / Pittsburgh, PA	SCH039	Biofuels: Fuel of the Future
U.S. Army-Second Place	Julie Wu / North Allegheny Senior High School / Wexford, PA	SMH056	A Study of Omega-3 Fatty Acids on Cancer
U.S. Army-Second Place	Melissa Anna / Cambria Heights High School / Patton, PA	SPH040	Sound Projection In Classrooms
U.S. Army-Second Place	Rebecca Stabile / Pine-Richland High School / Gibsonia, PA	SPH031	Physical Mechanism of Parity Violation
U.S. Army-Honorable Mention	Sarah Kerman, Masha Savinov, Krishna Gopal / Boyce Middle School / Upper St. Clair, PA	JTM021	Roll On Over To Statistics
U.S. Army-Honorable Mention	Shannon Palmer / St. Mary of the Assumption Glenshaw / Glenshaw, PA	JLS041	Fighting For Fresh Water
U.S. Army-Honorable Mention	Skanda Koppula / North Allegheny Intermediate High School / Wex	SCM006	Improved Drug Delivery in Treating Diseases
U.S. Army-Honorable Mention	Bharat Iyer / Fox Chapel Area High School / Pittsburgh, PA	SMH020	Factors Predicting Mortality in Acute MI
U.S. Army-Honorable Mention	Austin Lucas / St. John The Baptist School / Pittsburgh, PA	JPS038	Have A Bowl of Nails For Breakfast.
U.S. Army-Honorable Mention	Justin Green / Quaker Valley Middle School / Sewickley, PA	MPH021	Light! Jello! Action!
U.S. Army-Honorable Mention	Roy Navid / Shady Side Academy Middle School / Pittsburgh, PA	JTM002	Battle of the Creeks
U.S. Army-Honorable Mention	Mohit Bhide / Ingomar Middle School / Pittsburgh, PA	JLS004	The Journey of Milk to Yogurt
U.S. Army-Honorable Mention	Sarah Snyder / DuBois Area Middle School / DuBois, PA	MPH077	How does drag affect the speed of a swimmer?
U.S. Army-Honorable Mention	Jacob Ross, Steven Wagner / Boyce Middle School / Upper St. Cla	JTM007	Electromagnetic Levitation
U.S. Army-Honorable Mention	Kaitlyn Haney / St. Joseph Regional School / Port Vue, PA	MPH024	Roof Color and Temperature!
U.S. Army-Honorable Mention	Susheel Khetarpal / Fox Chapel Area High School / Pittsburgh, PA	SMH023	Effect of Smoking on Lung Capacity
U.S. Army-Honorable Mention	Robert Specht / Mother of Sorrows / Murrysville, PA	JPS058	Why Aren't Fog Lights on Every Car?
U.S. Army-Honorable Mention	Rebecca Allen / Ingomar Middle School / Pittsburgh, PA	JPS001	Remote Control Science
U.S. Army-Honorable Mention	Grace Smoker / St. Thomas More School / Pittsburgh, PA	MES031	Worm's Effect on NPK in Soil
U.S. Army-Honorable Mention	Jeanne Farnan / St. Thomas More School / Pittsburgh, PA	MES009	Fish Kills and Golden Algae
U.S. Army-Honorable Mention	Joseph Vaerewyck / St. Joseph High School / Natrona Heights, PA	SER012	Tactile Sensor for Artificial Vision

Pittsburgh Regional Science Engineering Fair
 Affiliate Sponsor Awards
 Presented on March 26, 2010

Award	Winner	ProjectID	ProjectTitle
U.S. Dept of Health and Human Services - U.S. Public Health Service Awards	Karthik Narayanan / Fox Chapel Area High School / Pittsburgh, PA	SMH059	The Relationship Between Dynamic and Static Foot Geometry
U.S. Dept of Health and Human Services - U.S. Public Health Service Awards	Jessica Homel / Our Lady of Fatima / Aliquippa, PA	MMH014	Lung Capacity: Boys vs. Girls
U.S. Metric Association	Claire Ozolek / St. Maurice / Pittsburgh, PA	MPH055	Splatter Pattern! Get to the Point!
U.S. Metric Association	Steven Kozlowski / St. Joseph Regional School / Port Vue, PA	JPS036	Effects of Salt Water on Metals
U.S. Metric Association	Austin Lucas / St. John The Baptist School / Pittsburgh, PA	JPS038	Have A Bowl of Nails For Breakfast.
U.S. Metric Association	Kahlil Morris / Manchester Academic Charter School / Pittsburgh, PA	JLS038	The Battle Between Soil and Water
Yale Science and Engineering Assoc.	Cheyenne Novich / South Allegheny High School / McKeesport, PA	SCH031	Don't Kid With Kidney Stones
Yale Science and Engineering Assoc.	Avisha Shah / Upper St. Clair High School / Pittsburgh, PA	SER021	Opatron II