

17th Annual Tri-County Science + Technology Fair Award Winners

AWARD	NAME	PROJECT TITLE	SCHOOL
<i>Elementary School Biology</i>			
Outstanding	Mya Smith	<i>Water Absorption</i>	St. Ann's School
Outstanding	Christopher Mena, William Tenzer	<i>Will Sports vs. Real Sports</i>	Cherry Lane Elementary School
Outstanding	Zaria Bailey	<i>Heavy Backpacks</i>	St. Columbanus School
Outstanding	Christopher Flamio	<i>Got Milk"</i>	The Melrose School
Excellent	Keifer Convertine, Henry Driscoll	<i>What Liquids Make Plants Grow the Fastest</i>	Garrison School
Excellent	James Lord	<i>How does sight affect taste?</i>	F.E.Bellows Elementary School
<i>Elementary School Chemistry</i>			
Outstanding	Daniella Terilli	<i>Invisible Ink</i>	St. Ann's School
Outstanding	Jessica Berger, Jonathan Berger	<i>Changing States</i>	Pennington School
Excellent	Sophie Gibson, Jessica Gottlieb	<i>How does smell affect taste?</i>	F.E.Bellows Elementary School
Excellent	Richard Cordero	<i>H2O Electrolysis</i>	St. Ann's School
Excellent	Ava Gallo	<i>What Makes Things Glow - "Luminescence"</i>	St. Columbanus School
Excellent	Jenna Piscioti	<i>The Effect of Perfect Popcorn</i>	St. Columbanus School
Excellent	Hanna Scali	<i>Indicator</i>	Garrison School
<i>Elementary School Environment</i>			
Excellent	Jennifer Hidalgo	<i>Hurricane in a Bottle</i>	St. Ann's School
Excellent	Anthony Maulucci	<i>What is the affect of fertilizer on the growth of algae?</i>	F.E.Bellows Elementary School
Excellent	Vincent Ribeiro	<i>Testing Ice Melting Time and Melt of Glaciers</i>	St. Columbanus School
<i>Elementary School Math and Computers</i>			
Outstanding	Monty Howell	<i>Archimedes on Ice</i>	Garrison School
Outstanding	Griffin Wollowitz	<i>Does the shape of a piece of ice affect the rate at which it melts?</i>	F.E.Bellows Elementary School
<i>Elementary School Physics</i>			
Outstanding	Zoe Devaney	<i>Spectrum</i>	Pennington School
Excellent	Julia Bilotti	<i>The Wheel and Axle</i>	St. Columbanus School
Excellent	Alana Burghart	<i>The Effects of Temperature on Magnets</i>	St. Columbanus School
Excellent	Tyler Nguyen	<i>Sweet or Salty</i>	St. Ann's School
Excellent	Eloise Smith	<i>Does rubbing a balloon against different materials produce different amounts of static electricity?</i>	F.E Bellows Elementary School
<i>Elementary School Earth Sciences</i>			
Outstanding	Ryan Francavilla	<i>Will different types of water change a crystal's growth?</i>	F.E.Bellows Elementary School
Excellent	Shivansh Goyal	<i>Reason for the Season</i>	St. Ann's School
Excellent	Christian Pitaccio	<i>The Effects of Acid Rain on the Growth of Plants</i>	St. Columbanus School
Excellent	Karsten Schneir	<i>Latitude and the Sun</i>	Pennington School
<i>Elementary School Engineering & Technology</i>			
Outstanding	Devin Ehrlich	<i>The Power Pedal Helicopter</i>	Rockland Country Day School
Outstanding	Laney Goodrum	<i>String Telephone</i>	Pennington School
Excellent	Raymond Rivituso	<i>Can electricity be generated from fruits and vegetables?</i>	F.E.Bellows Elementary School
Excellent	Bennett Taylor	<i>Does temperature affect how many popcorn kernels pop?</i>	F.E.Bellows Elementary School
Excellent	Tiffany Pimentel	<i>Can We Turn Solar Power into Electricity?</i>	St. Ann's School
Excellent	Justin Magalona	<i>Electromagnetic Curiosity</i>	St. Ann's School

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AWARD	NAME	PROJECT TITLE	SCHOOL
<i>Middle School Biology</i>			
1	Pascale Eenkema van Dijk	<i>What Factors Affect Reaction Time?</i>	Rye Neck Middle School
2	Rachel Cohen, Nicolas Wilmer	<i>Don't Put Your Money Where Your Mouth Is</i>	Rye Neck Middle School
2	Lily Velona	<i>Effect of Character Size on Test Taking Skills</i>	Rye Country Day School
3	Henry Townley	<i>Instrumental, Vocal, Music or Silence. Which Is Best?</i>	Rye Country Day School
<i>Middle School Chemistry</i>			
1	Ivan Paskov*	CG90 vs. Salt vs. Magic Salt	Edgemont Jr/Sr High School
2	Tyler Spinks	<i>The Relationship Between 5 Different Liquids and Tin Foil</i>	Edgemont Jr/Sr High School
3	Oksana Klymko	<i>Seeing C</i>	PEARLS
<i>Middle School Earth Sciences</i>			
1	Nadine Eenkema van Dijk	<i>What type of liquid evaporates fastest and what factors influence evaporation?</i>	F.E.Bellows Elementary School
2	Jared Ortega	<i>Why Did the Earthquake in Haiti Cause So Much Damage?</i>	George Fischer Middle School
3	Marco Chan	<i>The Global Conveyor Belt</i>	PEARLS
<i>Middle School Engineering & Technology</i>			
1	Vivian Zhong	<i>Bridges Built Strong</i>	Edgemont Jr/Sr High School
2	Stacey Prgacheva, Jacquelyn Firsty	<i>Pitch Matters</i>	PEARLS
3	August. Iorio, Justin Iorio	<i>Which Glue Works the Best?</i>	St. Theresa School
<i>Middle School Environment</i>			
1	Michael Parisi	<i>Bacteria and the Cleaner</i>	George Fischer Middle School
2	Yanis Sophia	<i>Memory Mnemonics</i>	Rye Country Day School
3	Alina Maki, Olivia Thurman	<i>The Effectiveness of Environmentally-Friendly Materials on Removing Tarnish from Silver</i>	Rye Neck Middle School
<i>Middle School Math & Computers</i>			
1	Robby Alter	<i>Does the amount of non-school reading per week correlate with vocabulary level?</i>	F.E.Bellows Elementary School
1	Maggie McDonnell	<i>The Birthday Paradox: True or False</i>	George Fischer Middle School
<i>Middle School Physics</i>			
1	Dennis Rocco	<i>Take Charge! Lightning in a Jar!</i>	St. Columbanus School
2	Theodore Kim	<i>Passing Air</i>	PEARLS
3	Serena Wessely	<i>Most Effective Insulation</i>	Garrison

*** Judge Edith Miller Excellence in Education Award for Top Award Among All Middle School Exhibits**

17th Annual Tri-County Science + Technology Fair Award Winners

AWARD	NAME	PROJECT TITLE	SCHOOL
<i>High School Biology</i>			
1	Alex Schlesinger	<i>Human Corneal Epithelium Migration and Adhesion on Different Topographically Patterned Silk Biomaterials</i>	Edgemont HS
2	David Lu	<i>Characterization of GATA-6 Positive Stem Cells within the Adult Mouse Heart</i>	Yorktown HS
3	Nick Stefano	<i>The Induction of Chemotoxic and Invasion in Human Malignant Glioma Cells through the Use of FGF2</i>	Eastchester High School
3	Evelyn Jagoda	<i>An Alv-based Phylogenetic Study of Old World Monkeys</i>	Edgemont HS
<i>High School Chemistry</i>			
1	Harry Oppenheimer	<i>Crystallization of Calcium Oxalate Monohydrate (COM) on Hybrid Surfaces of Proteins and Lipid Bilayers</i>	Pelham Memorial High School
2	Maryn Paul	<i>The Effect of Different Kinds of Fats on the Final Result of Pie Crusts</i>	Rockland Country Day School
<i>High School Engineering & Technology</i>			
1	Jayanth Krishnan	<i>Analyzing the NCI-60 Cancer Cell Lines Using Data Obtained from Genome-Wide Chip X Experiments</i>	Mahopac High School
1	Thomas Kump	<i>The Effect of Increased Surface Area and Electrode Composition on Electrical Output of Gerbacter Sulfurreducens Fuel Cells</i>	Eastchester High School
2	Austin Rivera	<i>A Statistical Analysis of Flight School Configuration for the Development of Efficient Training Programs and the Prevention of General Aviation Accidents</i>	White Plains High School
3	Michael Cerabona	<i>Utilizing Novel Muscle Wire System to Improve Cost-effectiveness of Solar Tracking Systems</i>	Yorktown High School
<i>High School Environment</i>			
1	Samisha Bansal	<i>Calculating the Feasibility of a Solar Power System for School Use</i>	Rye Country Day School
1	Jonathan Kligman	<i>Carbon Economic Intensity and Carbon Emissions in the Transportation Sector</i>	Rye Country Day School
2	Kevin Fischer	<i>Utilization of an Extensive Green Roof System to Reduce the Summer Temperature in a Non-Air Conditioned Public School Room</i>	White Plains High School
2	Rebecca Gibson	<i>Determining the Transmission Routes of Israel Acute Paralysis Virus within Colonies of Apis Mellifera</i>	Eastchester High School
<i>High School Health & Medicine</i>			
1	Swathi Krishnan	<i>Development of a Novel Listeria-Caspose-3 DNA Vaccine to Eradicate Metastatic Breast Cancer</i>	Rye Country Day School
2	Dustin Brout	<i>Linear vs Conformational Epitopes of Shrimp Allergen Tropomyosin</i>	Scarsdale High School
2	Sarah Maclean	<i>Effects of Gluten and Casein Peptides on Human Neuronal Cells: Implications for Autism Diets</i>	Croton-Harmon High School
3	Julie Ochs	<i>Eye movement Variation in voters with PTD</i>	Edgemont HS
<i>High School Math and Computers</i>			
1	Andrew Huang	<i>A Novel Markov-Chain Approach to Rank Aggregation</i>	Scarsdale High School
<i>High School Psychology</i>			
1	Radhika Rastogi*	<i>The Correlation between Lung Function and Quality of Life among Obese Asthmatics</i>	Scarsdale High School
2	Tahmina Ahmed	<i>A Statistical Analysis of Nutritional Characteristics of Preadolescent Children Using the Kidwave</i>	Pelham Memorial High School
3	Kelly Yang	<i>Enhanced Human Memory Consolidation with Post-Exposure Stress</i>	Rye Neck High School

* Marilyn Reiner Science in Education Award for Top Award Among All High School Exhibits

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STANYS AWARD FOR TOP TEN HIGH SCHOOL EXHIBITS

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2	Harry Oppenheimer	<i>Crystallization of Calcium Oxalate Monohydrate (COM) on Hybrid Surfaces of Proteins and Lipid Bilayers</i>	Pelham Memorial High School
3	Tahmina Ahmed*	<i>A Statistical Analysis of Nutritional Characteristics of Preadolescent Children Using the Kidwave</i>	Pelham Memorial High School
4	Kelly Yang*	<i>Enhanced Human Memory Consolidation with Post-Exposure Stress</i>	Rye Neck High School
5	Swathi Krishnan	<i>Development of a Novel Listeria-Caspose-3 DNA Vaccine to Eradicate Metastatic Breast Cancer</i>	Rye Country Day School
6	Dustin Brout	<i>Linear vs Conformational Epitopes of Shrimp Allergen Tropomyosin</i>	Scarsdale High School
7	Sarah Maclean	<i>Effects of Gluten and Casein Peptides on Human Neuronal Cells: Implications for Autism Diets</i>	Croton-Harmon High School
8	Alex Schlesinger	<i>Human Corneal Epithelium Migration and Adhesion on Different Topographically Patterned Silk Biomaterials</i>	Edgemont HS
8	Christina Song	<i>Examining the Relationship between Attachment, Combat-Experiences and Post-Traumatic Stress Disorder</i>	Scarsdale High School
10	David Lu	<i>Characterization of GATA-6 Positive Stem Cells within the Adult Mouse Heart</i>	Yorktown HS

* Advances to State Level Competition