



RBSEF, Inc. Presents the  
**74th Reading-Berks Science and  
Engineering Fair**

Hybrid through STEMWizard  
and Albright College  
March 2, 2026 – March 5, 2026

RBSEF 2026 Awards Ceremony  
at Albright College  
March 5, 2026 6:00 pm



Principal Sponsor



# **READING-BERKS SCIENCE AND ENGINEERING FAIR**

ORGANIZED-1952

Incorporated as RBSEF, Inc. – January 2003

FOUNDED BY:

THE READING CHEMISTS' CLUB

In 1952

SUPPORTING ORGANIZATIONS:

THE SCIENCE TEACHERS OF READING AND BERKS  
COUNTY

From 1957

AND

THE READING CHAPTER  
PENNSYLVANIA SOCIETY OF PROFESSIONAL ENGINEERS

From 1972

Special Thanks To:

Broadcom Foundation

Reading Eagle

Witzel Sound Solutions

Zach Gore – STEMWizard Support

# SCHEDULE OF EVENTS

Monday, March 2, 2026

6:00 PM - 8:00 PM PROJECT DISPLAY SETUP

Tuesday, March 3, 2026

8:00 AM - 3:00 PM JUDGING OF EXHIBITS

1:00 PM - 3:00 PM STUDENT INTERVIEWS

Wednesday, March 4, 2026

11:00 AM - 9:00 PM FAIR OPEN TO PUBLIC

Thursday, March 5, 2026

8:00 AM - 4:00 PM FAIR OPEN TO PUBLIC

8:00 AM – 4:00 PM STUDENTS PICK UP PROJECTS

6:00 PM AWARDS PROGRAM

Introductory Remarks

Greg Przyjemski, President, RBSEF, Inc.

Presentation of Awards

Deanna Witzel, RBSEF Fair Director

Friday, March 6, 2026

7:00 AM – 8:30 AM STUDENTS PICK UP PROJECTS

**(All exhibits to be removed by 8:30 am.  
Unclaimed projects will be discarded.)**

# **FINANCIAL CONTRIBUTORS 2026**

## **\$10,000 Contributor – Principal Sponsor**

Broadcom Foundation

## **\$2,500 Contributors – Gold Sponsor**

Carpenter Technology

## **\$1,000 Contributors – Silver Sponsors**

East Penn Manufacturing Co.

Header Family Foundation

Mitsubishi Chemical Advanced Materials

Schatz Electric

## **\$500 Contributors – Bronze Sponsors**

Brentwood

Amy and Steven Bright

Vincent Lucas, CPA

World Electronics

Lawrence & Ilona Yerger

## **\$300 Contributors – RBSEF Supporters**

Rain Schell

## \$250 Contributors – RBSEF Supporters

Aftan Engineering, LLC  
Ashley Furniture Industries, Inc.  
C2C Design Group  
Firefly Bookstore  
JPMS Manufacturing, LLC  
PhytogenX, Inc.  
Solar Innovations  
Traffic Planning and Design, Inc.  
UGI Utilities, Inc.

### RBSEF Donors

J.B. Long, Inc.  
Levan Machine & Truck Equipment  
Marando Industries  
Microchip Technology  
Perry Township Game Association  
Security Service Company, Inc

## HOW TO CONTRIBUTE

Any corporation or individual wishing to join in supporting the Reading-Berks Science and Engineering Fair may send a contribution to:

RBSEF, Inc.,  
PO Box 13314  
Reading, PA 19612

or at <https://rbsef.com/donate>

RBSEF, Inc. is a non-profit corporation whose sole purpose is the operation of the science fair.

The Reading-Berks Science and Engineering Fair is incorporated as RBSEF, Inc.

RBSEF, Inc. has an IRS 501 C3 tax exemption. Your charitable contribution may be eligible for a full tax deduction under the rules of the Internal Revenue Service.

## **CATEGORY AWARDS**

The decisions of the judges reflect their desire to recognize exhibitors who have displayed outstanding science and engineering projects. The award guidelines may be changed at the discretion of the award donor or the judges in order that deserving students may be recognized.

### Senior Division - 9th through 12th grades

Honorable mentions in each of the nine classifications will receive a certificate. First through fourth place winners will receive medals. The Grand Champion, the Champion and the Reserve Champion will each receive a plaque. The Grand Champion and the Champion will be eligible to participate in the Regeneron International Science and Engineering Fair taking place the week of May 9 – 15, 2026 in Phoenix, AZ.

The Grand Champion, Champion, and the Reserve Champion are selected from the top projects in the Senior Division. The ISEF Committee Members determine the winners.

### Junior Division - 6th through 8th grades

Each grade, 6<sup>th</sup> through 8<sup>th</sup>, have a Natural Science Category and a Physical Science Category and will receive the following:

Honorable mentions will be awarded certificates.

First through fifth place winners will receive medals and will receive Thermo Fisher Junior Innovators Challenge awards and invitations to compete in the 2026 Thermo Fisher Junior Innovators Challenge (JIC) national competition.

The Junior Division Champion is selected from the top Natural and Physical division projects in each grade and will receive a plaque.

## **SPECIAL AWARDS**

The special awards are judged and presented by the following professional, technical, and civic organizations, and corporations.

### Altrusa International of Reading

A \$100 award given to each of three students: one 6th grader, one 7th grader, and one 8th grader in the natural and/or physical science categories of the science fair.

### American Association of University Women, Reading Branch

AAUW supports the science programs and the Science Fair event by donating a cash award for a ranked girl in the Senior (\$200) and Junior (\$100) Division that has shown talent and originality in the demonstration of an area of science.

### American Psychological Association

One certificate and 1-year Complimentary Student Membership recognizing outstanding research in psychological science under the category of behavioral and social sciences, or any category related to psychology (e.g., animal sciences, biomedical and health sciences, translational medical science).

### American Society of Civil Engineers Reading Branch

One \$100 award in the Senior Division and one \$50 award in the Junior Division for outstanding projects in Civil, Structural, Environmental, or Geothermal Engineering, or related sciences.

### Apparatus Award

A \$100 award for the project which best utilizes student-built apparatus and methodology.  
Sponsored by Dr. William Heffner

### ASM Lehigh Valley Chapter

Two \$100 awards, Junior Division; and two \$150 awards, Senior Division, will be given for best projects exhibiting understanding and knowledge of the physical sciences, materials and metallurgy.

#### Association for Women Geoscientists

An award certificate and an honorary AWG membership for the current year to girls and young women (including cis-gender, transgender, gender fluid and non-binary persons) whose projects, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences and/or Earth sciences.

#### ATA Martial Arts Sports Science Award

Two (2) \$250 prizes (one for each division) - Awarded to projects that either have an element or a main focus on sports science (including but not limited to physiology, psychology, anatomy, biometrics, biomechanics, and biokinetics).

#### Berks Building Trades Project Skills Awards

A \$250 award in the Mathematics & Computer Science category to projects that represent skill and craft by the student in performing the project.

#### Berks County Conservation District

A \$500 award for the project which best represents the organization's mission: Encouragement and instruction of the wise stewardship of the soils and waters of Berks County so that present and future generations may have healthy land on which to live and clean water for drinking and recreation". The award money will be given to the student in July at the annual Scholarship and Awards dinner on July 27, 2026.

#### Berks County Dental Society

Awards of \$150, one each in the Junior and Senior Divisions, for outstanding exhibits in the field of dentistry.

#### Berks County Medical Society

Awards of \$100, \$75, \$50 in the Senior Division and \$75 in the Junior Division for outstanding projects in the medical and health field.

#### Berks Technical Institute - Innovation Award

\$100 Award to be awarded to a Senior Division project and \$50 Award to be issued to a Junior Division project demonstrating innovation in the Dental, Medical, IT Support, Electrical or HVAC related fields.

#### Berks Western Telecom

Two Awards of \$50 to a project that contains a technology aspect.

#### Brian Wentling Memorial

A \$100 award to the highest-ranking boy or girl in Junior Division Natural Science. The award will be presented after the Junior Division category awards.

#### Broadcom Foundation - Coding with Commitment Award

The Broadcom Coding with Commitment is recognition of a project by a 6th, 7th or 8th grade student, preferably from a Title I school or an underrepresented group, participating in any category and who combines:

1. STEM Knowledge and
2. Basic Coding/Computation in the project's research, design, or development, and
3. Expresses Passion for helping or improving his/her/their community Prize Elements
  - Public recognition at Broadcom Foundation-sponsored competitions and showcases, with the receipt of a formal award certificate from the Broadcom Foundation, and
  - \$250, and
  - Raspberry Pi Pico, a breadboard, and related accessories

Citadel Securities Innovation Prize

Citadel Securities Innovation Prize of \$100 to be awarded to a 6th-8th grade student and a 9th-12th grade student. A \$100 award and a certificate will be provided to a young scientist who is using innovation and expert data analysis to address and solve real-world problems.

Conrad Weiser Lions Club

Eight \$50 awards. \$50 each to four Conrad Weiser High School and four Conrad Weiser Middle School students whose projects best show application to Lions Club vision of helping others.

Diocese of Allentown

A \$30 award to the highest-ranking girl from a parochial school in the Junior Division, and an environmental science and technology award of \$30 will be given in the Junior Division or Senior Division to a student from a parochial school.

Entech Engineering, Inc.

One award of \$50 in the Junior Division and one \$100 award in the Senior Division for projects which display creative concepts and could lead to useful inventions.

Frank D. Herron Memorial Award

In memory of the long-time director of the Reading-Berks Science and Engineering Fair, two awards of \$75 each for the most unusual projects exhibited.

Fraternal Order of Police, Lodge #9, of the City of Reading

The Sgt. Donald Matz Award of \$1000 for the most outstanding project in forensics or chemistry.

IBEW Local Union 743 International Brotherhood of Electrical Workers Awards

Two \$250 awards for projects from either Senior or Junior divisions that incorporate electricity in a safe, knowledgeable, and interesting way. Sponsored by the Electricians Local 743.

Junior Division Sports Equipment Award

Mike & Rose Gerhart present two \$50 awards in the Junior Division for a project that incorporates sports equipment to test the hypothesis. Presented by Mike and Rose Gerhart.

Kempton Lions Club – We Serve

\$100 to a project focusing on VISION, HEARING, HUNGER RELIEF, DIABETES AWARENESS, CHILDHOOD CANCER, MEDICAL EQUIPMENT LOANS, and ENVIRONMENTAL PROTECTION.

Lehigh Valley Section of the American Chemical Society

A \$250 award to the winner of the Chemistry Division. A \$250 award to the best project using chemistry in the Junior Division. The award will be presented after the Senior Division category awards are presented.

Lemelson Early Inventor Prize

In partnership with The Lemelson Foundation, the Society is offering a \$100 award and certificate to a 6th-8th grade inventor creating an invention that represents a promising solution to a real-world problem. Inventions can be devices, or they can take the form of novel methods or processes (for example, inventing a carbon sequestration process or creating a biomarker to detect disease).

Michelle & Steve Hnath Award

Two \$50 awards to Muhlenberg School District students (Middle School if possible) for the most engaging and creative model or backboard that convey a clear understanding of their chosen topics.

Mohnton - Cumru Lions Club

Five \$100 awards to Governor Mifflin students whose project best show application to supporting community.

#### NASA Earth System Science Award

Certificate and Invitation to a Webinar with NASA Scientist presented to the student whose project offers the greatest insight into the earth's interconnected systems. The different spheres that make up our Earth system are the atmosphere, lithosphere, hydrosphere, cryosphere (snow and ice), and biosphere.

#### National Oceanic and Atmospheric Administration (NOAA)

##### NOAA's "Taking the Pulse of the Planet" Award

A Letter of Congratulation and an Award Certificate for the project whose research emphasizes NOAA's mission of Science, Service, and Stewardship: To understand and predict changes in climate, weather, oceans, and coasts, to share that knowledge and information with others, and to conserve and manage coastal and marine ecosystems and resources.

#### Penn State Berks, Science Division

Three (3) awards of \$100 each for the Best Projects in Agricultural Science, Biological Science, and Physical Science. One (1) Award in the Amount of \$50 for Best Science Project using Scientific Method.

#### Project Excellence Award Sponsored by Organization Management Services

Organization Management Services presents a \$150 award to Senior and a \$100 award to Junior Division students for exhibits that demonstrate project excellence through appropriate use of project notebook, well written project report, thought out project display, and proper use of the scientific process. Sponsored by Organizational Management Services.

#### Reading Bakery Systems

(1) \$100 award for the most complex exhibit involving food science.

(1) \$100 award for the most unusual exhibit involving food science.

#### Reading Musical Foundation: For the Love of Music

The Reading Musical Foundation (RMF) is proud to sponsor two awards recognizing outstanding student projects that explore the intersection of music and science. These awards celebrate innovative research in areas such as acoustics, music technology, and the impact of music on the mind and body. By supporting young scholars in their musical and scientific pursuits, RMF encourages creativity and a deeper understanding of music's role in our world.

\$100 each in Senior and Junior Divisions.

#### Reading Science Center

Award to the most unique project or approach and student enthusiasm in the 6th grade Junior Division. Awards of one (1) Family Membership for one year as well as a science kit from the Reading Science Center.

#### Regeneron Biomedical Science Award

Regeneron Biomedical Science Award to be awarded to Senior Division.

This award will provide a \$375 award and a certificate to an exceptional student scientist who not only demonstrates an impressive command of biomedical science and research but also embodies Regeneron's core values and behaviors, known as The Regeneron Way, which are reflected in the award selection criteria.

#### Ricoh Sustainable Development Award

Certificate to student, whose outstanding project addresses issues of environmental responsibility and sustainable development and incorporates principles & technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly & socially responsible businesses.

#### Schatz Electric

An award of \$250 presented in memory of Harold Bucks for projects that display practical use of electrical or electromechanical devices. An award of \$250 presented in honor of Al Happ, Instructor, Berks Career & Technology Center, for projects that display practical use of electrical or electromechanical devices.

### Scoboria Family

A \$200 award to the winner and \$100 each to the second and third place of the Physics Division. Three \$100 awards in the Junior Division, one in each grade in the Junior Division (6th, 7th, & 8th) for the best Physics Project.

### State Senator Judy Schwank

Awards of \$50, one each in the Senior and Junior Divisions, for outstanding exhibits in agriculture, horticulture, plant science, or related fields.

### Society for In Vitro Biology

The Society for In Vitro Biology (SIVB) provides one (1) award and Membership in SIVB at each Regional/State ISEF Competition. It is intended that this recognition be awarded to the most outstanding 11th grade student exhibiting in the areas of plant or animal in vitro biology or tissue culture.

In addition, it is possible that the recipient will be contacted by our society and invited to submit an abstract of their work to our annual meeting.

### TExpL® Momentum Maker Awards

The TExpL® Momentum Maker Awards celebrate student research projects that showcase creativity and innovative thinking with a strong connection to solving real world issues in their field of research. These awards recognize the power of ideas and exploration, valuing the ingenuity of the students work. This award grants students a sponsorship opportunity to attend one week of the TExpL® Momentum Makers Summer Program at Alvernia University this summer.

- 1 TExpL® Innovative Momentum Maker Awards (one for Middle School, One for High School)
- 1 TExpL® Innovative Momentum Maker Medical Science Award
- 1 TExpL® Innovative Momentum Maker Culinary Science Award
- 1 TExpL® Innovative Momentum Maker Entrepreneur Award
- 1 TExpL® Innovative Momentum Maker Engineering Science Award

### U.S. Metric Association

Certificate and 1 Year of Membership to the US Metric Association for a research project that expresses measurements in the SI is an ideal candidate for this award. All reported measurements, including calculations, data, graphs, and conclusions should be expressed exclusively and accurately using the SI.

### United States Air Force

Four award packages to students for best exhibits in mathematics, science and engineering. The award packages include a sling pack, Power Bank, USB Flash Memory Drive, USB Car Charger, and Official AF Certificate.

### Valley Forge Chapter, Pennsylvania Society of Professional Engineers

Scott G. Daelhousen Engineer's Award

Awards of \$300 to the Grand Champion and \$200 to the Champion. The Grand Champion award is funded by the Scott G. Daelhousen Engineer's Award endowment and distributed by the Berks County Community Foundation.

### Vincent Lucas, CPA

\$500 to Grand Champion, \$400 to Champion, \$300 to Reserve Champion. \$150 each to 6th, 7th, and 8th Champions and \$100 each to 6th, 7th, and 8th Runner-up.

### Waldesruh - The Most Innovative Project Award

Award 1 (\$50): A project that demonstrates ingenuity and creative thinking.

Award 2 (\$50): A project that creatively addresses the problem of climate change.

### Witzel Sound Solutions

One (1) \$100 Junior Division prize and one (1) \$100 Senior Division prize for the most unique project applying sound/audio concepts (e.g., sound waves, sound pressure, sound production, sound engineering).

Worley

One \$100 award for the Junior Division and one \$100 award for the Senior Division for the most outstanding project investigating anything associated with power generation, distribution, or storage.

Water Environment Federation / Stockholm Junior Water Prize

1 Certificate - The U.S. SJWP is open to all high school students in 9th -12th grades who have conducted water related science projects and have reached the age of 15 by August 1st of the current competition year. Projects should be aimed at enhancing the quality of life through improvement of water quality, water resource management, or water and wastewater treatment.

Yale Science and Engineering Association

Preliminary Certificate to the most outstanding 11th grade project exhibiting in the areas of Science, Technology, Engineering, and Mathematics. In extraordinary cases it may be awarded to a 10th or 12th grade project.

## CATEGORY EXHIBITS

<u>DIVISION</u>	<u>CLASSIFICATION</u>	<u>CODE</u>
SENIOR - 9th - 12th Grades	Behavioral and Social Sciences	BS
	Botany	BO
	Chemistry	CH
	Earth and Environment	EE
	Engineering	EN
	Mathematics and Computers	MC
	Medicine and Health	MH
	Physics and Astronomy	PA
	Zoology	ZO
	JUNIOR - 6th - 8th Grades	Natural Science
Physical Science		6P, 7P, 8P

## CATEGORY EXHIBITS LISTED BY SCHOOL

### Conrad Weiser High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Fessler, Macey	Investigating Evidence of Avian Influenza in Raw Dairy Milk	MH003
Miller, Finnegan	Mycofiltration Capabilities of Hericium Erinaceus and Pleurotus Ostreatus	EE002
Miller, Piper	Lactate Enhances Muscle Hypertrophy and Regeneration After Cell Injury	MH002
Neider, Scarlet	Solidification Methods for Keratin-Based Bioplastic Production	EE001
Nutter, Cami	Acclimating Tissue Culture Chrysanthemums	BO001
Robinson, Brady	Melittin Bound Silver Nanoparticles as a Therapeutic Strategy for Cancer	MH001
Speicher, Gabriel	Isolation and Presence of Native Orchid Fungal Symbionts in Soil	BO002
Wartzenluft, Garth	Inhibition of Escherichia coli Biofilm Using UVC Light	MH014
Yudiski, Edmund	The Power of Words on Taste	BS003

### Conrad Weiser Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Allen, Alexander	Does Playing Cash Royale Improve Your Reaction Time?	6N014
Andino, JViance	Jump, Pivot, Score: Does Footwear Drive Performance?	8P031
Anton, Ellie	Light vs. Photos: Which Light Will Cause More Damage?	6P010
Balde, Abdoulaye	The Effect of Age on Taste Buds	8N045
Batezel, Aubrey	Which Popcorn Popping Method Produces the Least Waste?	6N023
Benfer, Odin	The Effect of Football Design and Texture on Short Distance Passing	6P008
Blass, Annie	Testing Temperature Insulation in Popular Water Bottle Brands	7P057
Brownmiller, D	The Effect of Temperature on A Soccer Ball	8P010
Budwash, Dallas	Household Sounds Effect on House Cat Behavior	7N024
Christman, Nathan	The Effect of Different Stretches on Athletic Performance	8N037
Ciemiewicz, Connor	The Effect of Organic Waste on Anaerobic Digestion	8N014
Cohen, AJ	The Effect of Different Sugars on Taste/Texture of Chocolate Chip Cookie	8P014
Cornish, Colton	The Physics of a Bat Swing: How Length and Mass Affect Swing Speed	7P056

<b><u>Student</u></b>	<b><u>Title</u></b>	<b><u>Exhibit #</u></b>
Cruz, Camila	The Effect of Different Percentages of Cacao on Speed Chocolate Melts	8N047
Dickman, Penelope	The Effects of Taekwondo on Student Anxiety in School	7N030
Dobbs, Alexander	Trapped Heat: How Greenhouse Gases Warm the Air	6P007
Esterly, Brixton	Do Road Salts Affect Plant Root Growth?	7N006
Fabien, Isaiah	The Effectiveness of Teaching Methods	8N022
Ferchalk, Jonah	The Best Food for a Battery Substitute	7P001
Fisher, Josh	The Effect of Age/Gender on Persevering in Solving Complex Math	8N012
Flores, Madison	The Impact of Cup Material on Drinking Water	7P008
French, Ariadne	The Effect of Color on Mood and Emotion	8N001
French, Declan	How a Paper Airplane Material & Design Affects its Velocity	8P001
Gainer, Gauge	The Effect of Drywall Additive to Substrate on Mycelium Growth	7N035
Ganges, Aubrey	Identifying the Most Effective Ingredients for Curly Hair Care	8P011
Gehret, Connor	Does Type of Water Effect Plant Growth?	7N005
Geise, Eric	The Effect of Video Games on Reading Speed and Accuracy	7N018
George, Lillian	Who Has the Better Memory, Males or Females?	7N010
Good, Savannah	Who Has Better Balance: Males or Females?	6P005
Grabosky, Molly	The Effect of Different Lighting on Plant Growth	7N034
Gravitt, Austin	Does Time Fly When You're Having Fun? Time Perception vs Patience	7N020
Harbach, Elliott	The Effect of Lighting on Color Perception	8N021
High, Raymond	Attempting to Turn Plastics into Fuel Using Pyrolysis	8P036
Hoy, Gwendolyn	Seeing the World Through Aspen's Eyes: Do Cats Have a Favorite Color?	6N013
Hughey, Ryan	The Effect of Energy Drinks on Teeth	7N025
Keppley, Jaden	Testing Handwriting on Various Writing Surfaces	6P012
Kertsman, Alecsey	The Effect of Electrolytes on Fatigue	8N017
Kirlin, Chloe	Sugar vs. Sugar Free Cookies	7N023
Klitsch, Laura	The Effect of Multitasking on the Primary Task Performance	8N016
Kofsky, Savannah	Cleaning Product Effect on the Growth of Bacteria on Porcelain Tile	7N019
La, Casen	The Effect of Dehydration on Sugar Content in Produce	8N020
Lee, Rebecca	Hot Spots and Cool Cats: GIS Analysis of Cat Colony Density / Income	7N037
Lefler, Grayson	Ratio of Lever Arm Lengths vs Lifting Capacity in a Water-Based Crane	7P012
Little, John	Pea Plant Stem Growth - Comparing Hanging Pot to Traditional Growing	7N009
Lloyd, Madison	Baking Temperature Effect on Maillard Reaction in Bread	7N027
McCoy, Savanah	The Effect of Age on the Heart Rate of a Horse	6N004
Meeks, Conner	The Effect of Gender on Average Vertical Measurement	7N007
Mendoza, Alexandra	The Best Teaching Styles for 7th Graders	7N011
Metzger, Corin	Pepper Picks: Which Color Do Bearded Dragons Prefer?	6N011
Metzger, Emma	The Effect of Miniature Donkey Waste on Small Stream Water Quality	8N003
Miller, Caden	Observing Cosmic Rays with Different Altitudes in a Cloud Chamber	8P012
Misiti, Kai	Age Group and Gender Ability to Identify AI vs Non-AI Generated Images	7N015
Monroy, Aidan	The Effect of Reed Type and Temperature on Clarinet Sound Quality	7P058
Morales, Lilly	The Effect of Music on Memory and Learning	8N034
Morris, Abigail	Fueling the Brain: How Breakfast Impacts Learning	6N003
Morris, Camryn	The Effect of Different Electrolyte Drinks on Soccer Performance	8N004
Myers, Nina	What Happens to a Hot Wheels Car's Acceleration as a Car Gets Heavier?	6P004
Nadirov, Emilia	The Effect of Dance Shoes and Speed During a La Seconde Turns	8P049
Nelson, Natalie	Red Cabbage: Natures pH Indicator	8N015

<b><u>Student</u></b>	<b><u>Title</u></b>	<b><u>Exhibit #</u></b>
Oberlin, Sophia	A Safe Alternative to Chemical-Based Whitening Strips	7N031
Okwara, Chelsea	How Does Color Affect Taste?	6N015
Orellana, Jacob	The Effect of Strength Training Improving Free Throw Percentage	8N030
Osman, Lillian	Meow-stery Solved: Which Paw Do Cats Prefer?	6N008
Paine, Brayden	What Liquid Produces the Most Bioelectricity in Plants	7N004
Parker, Jenesis	The Effect of Music on Cognitive Thinking	8N019
Parkin, Kay'Leen	The Effect of Various Salt Types in Breadmaking	7N029
Pastor, Dax	The Most Dangerous Grapes For Dogs: A Toxicity Comparison	6N022
Pauley, Matthew	The Influence of Participation in Sports on Reflexes	7N032
Petersheim, Aubrey	How Motorized Vehicles in Water Affect Water Quality	7N028
Petersheim, Ava	The Effect of Ingredient Substitutions on Taste/Texture in Baked Goods	7N026
Phan, Tri	Apples Vs Enzymatic Browning	7N068
Pinnell, L (Alexander)	Kandi and the Different Types of Stitches	6P014
Pyle, Joseph	Analyzing Mechanical Energy Transfer in Wood and Aluminum Bats	6P013
Quirk, Maeve	Effect of Layered Skincare Products on UV Transmission	6P003
Reinert, James	The Effect of Video Games on Response Time	6N009
Rice, Mila	The Effect of Certain Age Groups on AI Use	7N008
Robison, Luke	Does the Amount of Salt Affect the Warmth of the Ocean?	7P010
Rodriguez, Nathan	How Baseball Bat Design Influences Hitting Distance	8P018
Santoro, Jordan	What is Better for Sterile Hands? Hand Sanitizer vs Hand Soap	6N018
Sassaman, Liam	Video Games: Beneficial or not	7N014
Sattazahn, Bailey	Milk Matters: Whole or 1% With Cookies	6N002
Savant, Bentley	Do Cats have a Favorite Color?	6N010
Schott, Quinn	The Effect of Different Flours in Muffins	6N007
Schweigert, Kieran	The Effect of Warmups on Athletic Performance	7N013
Seidel, Jaice	The Effect of Sports Drinks on Reaction Time	7N064
Shaffer, Brooke	Stability and Comfort of Custom Designed 3D-Printed Patella Knee Brace	8P002
Shoumlisky, Samuel	Do Chinese Zodiac Signs Match Student Personalities in Grades 5-8?	6N012
Smith, Koree	The Surface of a Baseball and Impact on Pitching Speed and Accuracy	7P055
Speicher, Cole	The Cleanliness of Indoor Turf Beads Compared to Outdoor Turf Beads	7P011
Speicher, Josephine	Mushroom	6N006
Stankiewicz, D	The Effect of Copper on Pea Seeds	8N018
Strine, Kinsley	Effect of Physical Activity and Heart Rate on Athletes and Non-Athletes	8P009
Sweigart, Ella	Effect on Vanilla Cupcakes When Different Leavening Agents Are Added	7N073
Ulrich, Kamryn	Determining the Best Wavelength to Cure Gel Nail Polish	7P032
Unger, Baron	Lockdown: Creating a Robot to Open a Locker	8P003
Vinjamuri, Aiden	The Effect of Temperature on Bounce	8P030
Walker, Nathaniel	The Perfect Kick: Testing Soccer Ball Accuracy	6P009
Watson, Holden	The Great Race - Boys vs Girls	6N005
Weidner, Carl	What Makes the Tallest Elephant Toothpaste	6P011
Weir, Zoey	Music's Effect on Focus and Anxiety	7N065
Yeung, Tivian	Reciprocity and Personality Traits	8N002
Zocco, Connor	The Most Effective Shuffling Technique When Shuffling a Deck of Cards	7N022

## Holy Guardian Angels

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Bray, Michael	Catching Waves: Most Effective Blocking of Electromagnetic Waves	7P037
Butler, Krislyana	Vaping vs Cigarettes	8P034
Franco, Gabriel	What Kind of Cheese Grows Mold Faster?	7N054
Jarjusey, Adwin	Which Surface Is the Best?	7P038
Kimma, Brady	Under Pressure-How Does Scuba Diving Affect the Ear and Lungs?	8N028
Medina Cardenas, N	What Soil Works Better for Plants?	7N056
Mendes, Jaeleah	How Different Colors of Light Affect Plant Growth	7N055
Monderewicz, Joseph	Which Mineral Preserves the Best?	7P042
Munoz, Xiomara	Bath Bombs	7P040
Nguyen, Ivylla	Which Sunscreen Brand Makes the Oiliest Stain?	8P035
Parker, Avery	Natural Antimicrobials	7N051
Pascavage, Leia	The Effect of Different Caffeine Levels On Plants	7N053
Quito, Jhoselyn	Which Napkin Absorbs Better?	8P026
Rivera Jimenez, Leslie	Does Color Affect Taste?	7N050
Rodriguez, Ivelise	The Effect of Social Media on Teens' Focus	7N052
Routledge, Trelisse	What Makes Gummy Bears Grow?	8P023
Rundle, Marcus	What Type of Pitch Has the Fastest Speed?	8P021
Sauer, Michael	What Type of Salt Makes Ice Melt the Fastest?	8P024
Suarez, Verani	How Does Music Affect Heart Rate?	8N035
Taimanglo, Evan	Efficiency in Motion	8P025
Tenezaca, Anthony	Conduction of Electrical Metals	8P027
Valenzuela, Alexander	The Last Standing Fizz	7P041
Whalen, Garrett	Does The Amount of Sugar Affect the Carbonation?	8N053
Work, Keegan	The Chill Factor	7P039

## Immaculate Conception Academy

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Crozier, Madysyn	Stain Remover Show and Tell	8P041
Groucutt, Penelope	Are Fingerprint Patterns Inherited?	7N058
Hine, Mackenzie	Musical Plants	8N038
Leininger, Matthew	Wire Pairings Producing the Greatest Amount of Thermal Energy	8P045
Mayall, Lillian	Does Moisture Affect Popcorn Kernels?	7N075
North, Isabella	Study Methods	8N040
O'Donnell, Joseph	DNA Smoothie	8N051
Shuman, Teagan	Picture Perfect Memory	8N039
Weidner, Lucien	What is the Best Method for Removing Grease?	7P047

## Kutztown Jr High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
David, Ajax	How Temperature Affects Reaction Time for Athletes	7N067
Herman, Lincoln	How Angle Affects Velocity on a Rollercoaster	7P043
Ohlinger, Eris	Yeast Has "Adapted" to Grow in Different Environments	7N046
Riegel, Dustin	Chemical Reaction and CO2 Emissions	7P045
Sirrakos, Grace	Don't Be Salty: The Effects of Salinity on Seedlings	7N047

# LaSalle Academy

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Banton, Xoren	Hack of the Century	6P015
Barnhart, Anna	What Household Liquid Cleans Pennies the Best?	6P020
Cartin, Cecilia	Splatter Science	6P018
Debiec, Maeve	Gone with Technology	7N060
Diaz Jr, Elias	Popsicles vs Drones	6P016
Dobson IV, Thomas	Can Solar Power Run a Chicken Coop?	8P006
Draper, Atley	Building Material/Structures Best Suited for Various Natural Disasters	6P017
Gable, Ruthie	Stroop Effect and MS Students	6N020
Gontarz, Ainsley	Power Up the world	7P003
Jolls, Nicholas	Examining The Efficiency of Wind Turbine Blade Shapes	7P051
Kuebler, Emily	Every Drop Counts from Dirty from Drinkable	7P059
Kutzer, Zoey	Left or Right Brained	8N048
Lewandowski, Kylie	Smartwatch vs. Tracker	8P042
Manidis, Quinn	Stressed Out	8N008
Maurer, Michaela	Citrus Circuits	8P043
McCoy, Aisling	Moisture Matters	7P050
McNear, Carter	Moving Trash	7P049
Morrissey, Quinn	Gimme Some Sugar	7N061
Murphy, Anna	Punching Up The Pulse	6N021
Myotte, Aurelia	Is My Brain AFK?	6N017
Purvis, Azori	Can 8th Graders Detect AI-Generated Images?	8N041
Reali, Alyssa	Are Microplastics Present in Our Berks County Water?	8N006
Reinard, Kyrill	Building a Better Solar Tracker	7P005
Rogers, Teagan	How Fast Does Eyewitness Memory Deteriorate?	8N005
Romeo, Anthony	Salt Water to Clean Water: A Survival Experiment	8P005
Romeo, Elsie	Eating With Your Eyes	6N016
Rosario, Kelci	Can Stimming help Kids with Autism	8N049
Skalski, Fiona	Strawberry Electrophoresis	8N009
Spencer, James	Bridge Study	8P039
Stonaha, Sonya	Dr Serenity Marigold - Your Custom AI Therapist	7P004
Thompson, Eva	Mighty Mycelium	7N072

## Muhlenberg Junior and Senior High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Abdurraheem, Azizah	Fertilizer Yay or Nay	BO005
Alston, Aaliyah	The Green Machine	EE007
Alston, Alexis	Watt's the Difference	BO003
Baylor, Olivia	Sun-Portive PROTECTION	8N025
Bissell, Gracie	Rhythm and Response	BS010
Chopra, Sanaya	Words In Focus	BS002
De Los Santos, A	Cultural Attitudes and Teen Mental Health: A Comparative Study	BS001
DeAngelis, Addison	Seeing vs Hearing... Which One Sticks?	7N045
DeBlase, Isabella	Go Bananas!	8N026
Dieter, Joshua	It's Time for Your Daily Dose of Nutrition	7N039
Dinino, Gemma	Flaming Fabrics	8P032
Djevharian, Laura	Defying Cavities	MH004
Dominguez, Jessica	Optimal Encapsulation for Flexible Solar Panels	EN004
Edwards, Jayden	Top Flight	7P031
Evans, Alexis	Colorful Quizzes	7N066
Faust, Layla	The Bamboo Breakthrough	EE003
Giraldi, Rebekah	From Banana Peels to Plastic Bottles	EE005
Gomez Gonzalez, J	Roller Coaster G Force vs Human Circulatory System	8P028
Hamilton, Ella	Frozen, Frozen, Water Baby	EE006
Hamilton, Emma	The Science of Yeast Stress	CH003
Heckler, Autumn	Protein Proteolysis Power	CH001
Hobbs, Liam	Desert! High Voltage	8P007
Killen, Makayla	Shocking discoveries!	8P051
Mendoza, Sierra	Infection to Autoimmunity	MH007
Moyer, Aubrey	Keep the Beat: Your Birth Decade Music vs Your Heart Rate	8N029
Mulutzie, Lillie	Scent-Sational Choices	ZO001
Padilla Peralta, R	Fruit DNA Decoded	8N023
Padilla-Peralta, G	TEMPERATURES & SUGAR INTENSITY	EE008
Peralta, Kalie	Moisture in Motion	7N048
Piotrowski, Cole	Speech Matters	BS011
Rancier, Leyla	Glow or Go?	MH016
Rowley, Mason	Feeding Behaviors of Chickens	8N024
Saint-Preux, Abigail	Stack The Tasks!	8P033
Smith, Brycen	Effects of Visual Imagery on Logical Reasoning Skills	BS008
Tambo, Victoria	Listening Lab	BS012
Townsend, Madison	Hair Strength	CH004
Vy, Lily	Sustainable Additive Protection Against Drosophila	EE004
Wolf, Gabrielle	Cauliflower Under Heat: What happens to its Vitamin C?	8N052
Wolfe, Lyla	Got Rust? The Chemistry Behind Corrosion	8P019
Wyland, Bronson	Micro Worlds Macro Impact	8N010

## Sacred Heart School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Bernardo, Ben	Which Material Can Hold the Most Weight on a Truss Bridge?	8P046
Brunner, Gemma	Melt Down	8P015

## Saint Catharine of Siena School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Crass, Owen	Fold, Fly, Defy: How Design Affects Flight Distance	7P022
Dobinsky, Sam	The Baseball Brawl	7P028
Grande, Francesca	The Best Way to Store Mushrooms	7N040
Hacker, Jackson	At What Temperature is a Magnet Stronger?	7P021
Hoffman, Kayden	How Does a Basketball Bounce on Different Surfaces	7P027
Kozik, Gabby	Osmosis in Action	7N043
Miller, Lucas	Viscosity and Its Effects on the Melting Process	7P029
Perez, Fernando	How Fast Different Types of Milk Freeze	7N044
Perez, Simon	A Potato's Electricity	7P061
Preston, Shirley	Washed Away: A Look at Colorfastness of Different Inks	7P019
Rex, Rowan	Sunblock Showdown	7N042
Skolny, Dylan	Are The Everyday Plastics We Use Causing Us Harm?	7P020
Strunk, Marisa	Dirty Penny, Clean Results	7P026
Townsley, Aubrey	Fat vs Pop the Ultimate Showdown	7N041
Vu, Vinson	Solar Speedway	7P023

## St. Ignatius Loyola School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Arguinzi, Armani	What Type of Cardio Raises Your Heart Rate the Most?	8N042
Beetel, Madelynn	Investigating the Impact of Oxygen Availability on Fruit Spoilage Rates	8N011
Beetel, Sarah	The Wonderful Water Bottle	7P034
Bradley, Paige	How Sugar Content Changes as Bananas Ripen	8N044
Casimir, Leona	Which Popcorn Brand Leaves the Least Amount of Popcorn Kernels?	7N074
Folino, Lorenzo	What Paper Airplane Flies the Farthest	7P035
Giandomenico, Leo	What Mixtures Stop Apples from Turning Brown?	7N038
Giannotti, Miranda	The Secrets of Plant Growth	8N043
Hess, Tucker	Garden Energy	8P029
Janiszewski, M	Apple Rotting	7N069
Kolson, Jocelyn	Which Chip is the Greasiest?	8N033
Matlack, Andrew	The Science of Taste: Turning "Yuck" into "Yum"	7N070
Napoli, Izzy	Which Brand of Popcorn Pops the Best?	8N050
Nguyen, Kyle	How Does Exercise Affect Heart Rate?	7N049
O'Donnell, Nora	What Laundry Detergent is the Most Effective?	8P038
Pegram, McKenna	How Does Color Affect Memory?	8N046
Price, Alexandra	Nail Polish Durability	7P024
Purfield III, Joey	Effects of Lower Air Pressure on Footballs	8P017
Reimels, Anna	Which Type of Bread Molds the Fastest?	8N031
Sgroi, Luca	Carbonation Sensation	7P060
Stokes, Presley	The Effects of Aloe on the Digestive System	6N019
Tarantino, Mia	5 Seconds, That's It	8N007
Thai, Fiona	How Does Music Affect Memory?	8N036
Waetjen, Katrin	What Heat Protectant Works the Best	8P008
Zudie, Loveline	Paper Aerodynamics	8P048

## Wilson High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Agrawal, Anya	The Effect of Magnesium on Alzheimer's disease	MH008
Alozie, Amarachi	Braces and Demineralization: Access, Physiognomy, and Orthodontics	MH010
Aman, Tyler	Generating Electricity from Human Movement	EN001
Ding, Heidi	Enhanced qPCR Assay for HBV cccDNA	MH011
Ding, Kevin	Optimization of Filtration System for Water Clarity and Flow Efficiency	EN005
Ferrenchick, William	Hopper: a Biomimetic, Tendon-driven, Series Elastic Jumping Robot	EN002
Hilton, John	The Living Dinosaurs	ZO002
Jain, Samyak	The Effects of Lithium on Alzheimer's Disease	MH006
Nama, Sanhitha	The Effect of Perceived Task Difficulty on Test Performance	BS006
Nasereddin, Salma	The Effect of the Amount of Sleep on Health	MH012
Olaosebikan, E	Neuroplasticity Indicators in Teen Instrumentalists	BS004
Shah, Sonali	How Students Perceive Barriers to Achieving Their Long-Term Goals	BS009
Sinha, Pragya	Mind in Motion: Unlocking Long-Term Memory with Exercise	MH005
Tran, Anna	Investigating Human Accuracy Under Time Constraints	BS005
Xie, Julia	Thermoelectric Waste Heat-Recovery for Power Generation	EN003

## Wilson Southern Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Aman, Violet	Signal Lost: Investigating the Limits of a Faraday's Cage	7P006

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Stauffer, Brady

### **Wilson High School**

Melograna, Joseph

### **Wilson Southern Middle School**

Melograna, Joseph

## Science Fair Participants by Project

### Junior Division

<b>Number</b>	<b>Student Name</b>	<b>School</b>
<u>6th Grade Natural Science</u>		
6N002	Sattazahn, Bailey	Conrad Weiser Middle School
6N003	Morris, Abigail	Conrad Weiser Middle School
6N004	McCoy, Savannah	Conrad Weiser Middle School
6N005	Watson, Holden	Conrad Weiser Middle School
6N006	Speicher, Josephine	Conrad Weiser Middle School
6N007	Schott, Quinn	Conrad Weiser Middle School
6N008	Osman, Lillian	Conrad Weiser Middle School
6N009	Reinert, James	Conrad Weiser Middle School
6N010	Savant, Bentley	Conrad Weiser Middle School
6N011	Metzger, Corin	Conrad Weiser Middle School
6N012	Shoumlisky, Samuel	Conrad Weiser Middle School
6N013	Hoy, Gwendolyn	Conrad Weiser Middle School
6N014	Allen, Alexander	Conrad Weiser Middle School
6N015	Okwara, Chelsea-Mac	Conrad Weiser Middle School
6N016	Romeo, Elsie	LaSalle Academy
6N017	Myotte, Aurelia	LaSalle Academy
6N018	Santoro, Jordan	Conrad Weiser Middle School
6N019	Stokes, Presley	Saint Ignatius Loyola School
6N020	Gable, Ruthie	LaSalle Academy
6N021	Murphy, Anna	LaSalle Academy
6N022	Pastor, Dax	Conrad Weiser Middle School
6N023	Batezel, Aubrey	Conrad Weiser Middle School
<u>6th Grade Physical Science</u>		
6P003	Quirk, Maeve	Conrad Weiser Middle School
6P004	Myers, Nina	Conrad Weiser Middle School
6P005	Good, Savannah	Conrad Weiser Middle School
6P007	Dobbs, Alexander	Conrad Weiser Middle School
6P008	Benfer, Odin	Conrad Weiser Middle School
6P009	Walker, Nathaniel	Conrad Weiser Middle School
6P010	Anton, Ellie	Conrad Weiser Middle School
6P011	Weidner, Carl	Conrad Weiser Middle School
6P012	Keppley, Jaden	Conrad Weiser Middle School
6P013	Pyle, Joseph	Conrad Weiser Middle School
6P014	Pinnell, Luna (Alexander)	Conrad Weiser Middle School
6P015	Banton, Xoren	LaSalle Academy
6P016	Diaz Jr, Elias	LaSalle Academy
6P017	Draper, Atley	LaSalle Academy
6P018	Cartin, Cecilia	LaSalle Academy
6P020	Barnhart, Anna	LaSalle Academy

### 7th Grade Natural Science

7N004	Paine, Brayden	Conrad Weiser Middle School
7N005	Gehret, Connor	Conrad Weiser Middle School
7N006	Esterly, Brixton	Conrad Weiser Middle School
7N007	Meeks, Conner	Conrad Weiser Middle School
7N008	Rice, Mila	Conrad Weiser Middle School
7N009	Little, John	Conrad Weiser Middle School
7N010	George, Lillian	Conrad Weiser Middle School
7N011	Mendoza, Alexandra	Conrad Weiser Middle School
7N013	Schweigert, Kieran	Conrad Weiser Middle School
7N014	Sassaman, Liam	Conrad Weiser Middle School
7N015	Misiti, Kai	Conrad Weiser Middle School
7N018	Geise, Eric	Conrad Weiser Middle School
7N019	Kofsky, Savannah	Conrad Weiser Middle School
7N020	Gravitt, Austin	Conrad Weiser Middle School
7N022	Zocco, Connor	Conrad Weiser Middle School
7N023	Kirlin, Chloe	Conrad Weiser Middle School
7N024	Budwash, Dallas	Conrad Weiser Middle School
7N025	Hughey, Ryan	Conrad Weiser Middle School
7N026	Petersheim, Ava	Conrad Weiser Middle School
7N027	Lloyd, Madison	Conrad Weiser Middle School
7N028	Petersheim, Aubrey	Conrad Weiser Middle School
7N029	Parkin, Kay'Leen	Conrad Weiser Middle School
7N030	Dickman, Penelope	Conrad Weiser Middle School
7N031	Oberlin, Sophia	Conrad Weiser Middle School
7N032	Pauley, Matthew	Conrad Weiser Middle School
7N034	Grabosky, Molly	Conrad Weiser Middle School
7N035	Gainer, Gauge	Conrad Weiser Middle School
7N037	Lee, Rebecca	Conrad Weiser Middle School
7N038	Giandomenico, Leo	Saint Ignatius Loyola School
7N039	Dieter, Joshua	Muhlenberg Jr High School
7N040	Grande, Francesca	Saint Catharine of Siena School
7N041	Townsley, Aubrey	Saint Catharine of Siena School
7N042	Rex, Rowan	Saint Catharine of Siena School
7N043	Kozik, Gabby	Saint Catharine of Siena School
7N044	Perez, Fernando	Saint Catharine of Siena School
7N045	DeAngelis, Addison	Muhlenberg Jr High School
7N046	Ohlinger, Eris	Kutztown Jr High School
7N047	Sirrakos, Grace	Kutztown Jr High School
7N048	Peralta, Kalie	Muhlenberg Jr High School
7N049	Nguyen, Kyle	Saint Ignatius Loyola School
7N050	Rivera Jimenez, Leslie	Holy Guardian Angels
7N051	Parker, Avery	Holy Guardian Angels
7N052	Rodriguez, Ivelise	Holy Guardian Angels
7N053	Pascavage, Leia	Holy Guardian Angels
7N054	Franco, Gabriel	Holy Guardian Angels
7N055	Mendes, Jaeleah	Holy Guardian Angels

7N056	Medina Cardenas, Natalie	Holy Guardian Angels
7N058	Groucutt, Penelope	Immaculate Conception Academy
7N060	Debiec, Maeve	LaSalle Academy
7N061	Morrissey, Quinn	LaSalle Academy
7N064	Seidel, Jaice	Conrad Weiser Middle School
7N065	Weir, Zoey	Conrad Weiser Middle School
7N066	Evans, Alexis	Muhlenberg Jr High School
7N067	David, Ajax	Kutztown Jr High School
7N068	Phan, Tri	Conrad Weiser Middle School
7N069	Janiszewski, Madalynn	Saint Ignatius Loyola School
7N070	Matlack, Andrew	Saint Ignatius Loyola School
7N072	Thompson, Eva	LaSalle Academy
7N073	Sweigart, Ella	Conrad Weiser Middle School
7N074	CASIMIR, LEONA	Saint Ignatius Loyola School
7N075	Mayall, Lillian	Immaculate Conception Academy

#### 7th Grade Physical Science

7P001	Ferchalk, Jonah	Conrad Weiser Middle School
7P003	Gontarz, Ainsley	LaSalle Academy
7P004	Stonaha, Sonya	LaSalle Academy
7P005	Reinard, Kyrill	LaSalle Academy
7P006	Aman, Violet	Wilson Southern Middle School
7P008	Flores, Madison	Conrad Weiser Middle School
7P010	Robison, Luke	Conrad Weiser Middle School
7P011	Speicher, Cole	Conrad Weiser Middle School
7P012	Lefler, Grayson	Conrad Weiser Middle School
7P017	Gomez, Scarlett	Sacred Heart School
7P019	Preston, Shirley	Saint Catharine of Siena School
7P020	Skolny, Dylan	Saint Catharine of Siena School
7P021	Hacker, Jackson	Saint Catharine of Siena School
7P022	Crass, Owen	Saint Catharine of Siena School
7P023	VU, Vinson	Saint Catharine of Siena School
7P024	Price, Alexandra	Saint Ignatius Loyola School
7P026	Strunk, Marisa	Saint Catharine of Siena School
7P027	Hoffman, kayden	Saint Catharine of Siena School
7P028	Dobinsky, Sam	Saint Catharine of Siena School
7P029	Miller, Lucas	Saint Catharine of Siena School
7P031	Edwards, Jayden	Muhlenberg Jr High School
7P032	Ulrich, Kamryn	Conrad Weiser Middle School
7P034	Beetel, Sarah	Saint Ignatius Loyola School
7P035	Folino, Lorenzo	Saint Ignatius Loyola School
7P037	Bray, Michael	Holy Guardian Angels
7P038	Jarjusey, Adwin	Holy Guardian Angels
7P039	Work, Keegan	Holy Guardian Angels
7P040	Munoz, Xiomara	Holy Guardian Angels
7P041	Valenzuela, Alexander	Holy Guardian Angels
7P042	Monderewicz, Joseph	Holy Guardian Angels

7P043	Herman, Lincoln	Kutztown Jr High School
7P045	Riegel, Dustin	Kutztown Jr High School
7P047	Weidner, Lucien	Immaculate Conception Academy
7P049	McNear, Carter	LaSalle Academy
7P050	McCoy, Aisling	LaSalle Academy
7P051	Jolls, Nicholas	LaSalle Academy
7P055	Smith, Koree	Conrad Weiser Middle School
7P056	Cornish, Colton	Conrad Weiser Middle School
7P057	Blass, Annie	Conrad Weiser Middle School
7P058	Monroy, Aidan	Conrad Weiser Middle School
7P059	Kuebler, Emily	LaSalle Academy
7P060	Sgroi, Luca	Saint Ignatius Loyola School
7P061	Perez, Simon	Saint Catharine of Siena School

#### 8th Grade Natural Science

8N001	French, Ariadne	Conrad Weiser Middle School
8N002	Yeung, Tivian	Conrad Weiser Middle School
8N003	Metzger, Emma	Conrad Weiser Middle School
8N004	Morris, Camryn	Conrad Weiser Middle School
8N005	Rogers, Teagan	LaSalle Academy
8N006	Reali, Alyssa	LaSalle Academy
8N007	Tarantino, Mia	Saint Ignatius Loyola School
8N008	Manidis, Quinn	LaSalle Academy
8N010	Wyland, Bronson	Muhlenberg Jr High School
8N011	Beetel, Madelynn	Saint Ignatius Loyola School
8N012	Fisher, Josh	Conrad Weiser Middle School
8N014	Ciemiewicz, Connor	Conrad Weiser Middle School
8N015	Nelson, Natalie	Conrad Weiser Middle School
8N016	Klitsch, Laura	Conrad Weiser Middle School
8N017	Kertsman, Alecsey	Conrad Weiser Middle School
8N018	Stankiewicz, Deziree	Conrad Weiser Middle School
8N019	Parker, Jenesis	Conrad Weiser Middle School
8N020	La, Casen	Conrad Weiser Middle School
8N021	Harbach, Elliott	Conrad Weiser Middle School
8N022	Fabien, Isaiah	Conrad Weiser Middle School
8N023	Padilla Peralta, Rafelina	Muhlenberg Jr High School
8N024	Rowley, Mason	Muhlenberg Jr High School
8N025	Baylor, Olivia	Muhlenberg Jr High School
8N026	DeBlase, Isabella	Muhlenberg Jr High School
8N028	Kimma, Brady	Holy Guardian Angels
8N029	Moyer, Aubrey	Muhlenberg Jr High School
8N030	Orellana, Jacob	Conrad Weiser Middle School
8N031	Reimels, Anna	Saint Ignatius Loyola School
8N033	Kolson, Jocelyn	Saint Ignatius Loyola School
8N034	Morales, Lilly	Conrad Weiser Middle School
8N035	Suarez, Verani	Holy Guardian Angels
8N036	Thai, Fiona	Saint Ignatius Loyola School
8N037	Christman, Nathan	Conrad Weiser Middle School

8N038	Hine, Mackenzie	Immaculate Conception Academy
8N039	Shuman, Teagan	Immaculate Conception Academy
8N040	North, Isabella	Immaculate Conception Academy
8N041	Purvis, Azori	LaSalle Academy
8N042	Arguinzi, Armani	Saint Ignatius Loyola School
8N043	Giannotti, Miranda	Saint Ignatius Loyola School
8N044	Bradley, Paige	Saint Ignatius Loyola School
8N045	Balde, Abdoulaye	Conrad Weiser Middle School
8N046	Pegram, McKenna	Saint Ignatius Loyola School
8N047	Cruz, Camila	Conrad Weiser Middle School
8N048	Kutzer, Zoey	LaSalle Academy
8N049	Rosario, Kelci	LaSalle Academy
8N050	Napoli, Izzy	Saint Ignatius Loyola School
8N051	O'Donnell, Joseph	Immaculate Conception Academy
8N052	Wolf, Gabrielle	Muhlenberg Jr High School
8N053	Whalen, Garrett	Holy Guardian Angels

#### 8th Grade Physical Science

8P001	French, Declan	Conrad Weiser Middle School
8P002	Shaffer, Brooke	Conrad Weiser Middle School
8P003	Unger, Baron	Conrad Weiser Middle School
8P005	Romeo, Anthony	LaSalle Academy
8P006	Dobson IV, Thomas	LaSalle Academy
8P007	Hobbs, Liam	Muhlenberg Jr High School
8P008	Waetjen, Katrin	Saint Ignatius Loyola School
8P009	Strine, Kinsley	Conrad Weiser Middle School
8P010	Brownmiller, Dawson	Conrad Weiser Middle School
8P011	Ganges, Aubrey	Conrad Weiser Middle School
8P012	Miller, Caden	Conrad Weiser Middle School
8P014	Cohen, AJ	Conrad Weiser Middle School
8P015	Brunner, Gemma	Sacred Heart School
8P017	Purfield III, Joey	Saint Ignatius Loyola School
8P018	Rodriguez, Nathan	Conrad Weiser Middle School
8P019	Wolfe, Lyla	Muhlenberg Jr High School
8P021	Rundle, Marcus	Holy Guardian Angels
8P023	Routledge, Trelisse	Holy Guardian Angels
8P024	Sauer, Michael	Holy Guardian Angels
8P025	Taimanglo, Evan	Holy Guardian Angels
8P026	Quito, Jhoselyn	Holy Guardian Angels
8P027	Tenezaca, Anthony	Holy Guardian Angels
8P028	Gomez Gonzalez, Joseph	Muhlenberg Jr High School
8P029	Hess, Tucker	Saint Ignatius Loyola School
8P030	Vinjamuri, Aiden	Conrad Weiser Middle School
8P031	Andino, JViance	Conrad Weiser Middle School
8P032	Dinino, Gemma	Muhlenberg Jr High School
8P033	Saint-Preux, Abigail	Muhlenberg Jr High School
8P034	Butler, Krislyana	Holy Guardian Angels
8P035	Nguyen, Ivylla	Holy Guardian Angels

8P036	High, Raymond	Conrad Weiser Middle School
8P038	O'Donnell, Nora	Saint Ignatius Loyola School
8P039	Spencer, James	LaSalle Academy
8P041	Crozier, Madysyn	Immaculate Conception Academy
8P042	Lewandowski, Kylie	LaSalle Academy
8P043	Maurer, Michaela	LaSalle Academy
8P045	Leininger, Matthew	Immaculate Conception Academy
8P046	Bernardo, Ben	Sacred Heart School
8P048	Zudie, Loveline	Saint Ignatius Loyola School
8P049	Nadirov, Emilia	Conrad Weiser Middle School
8P050	Skalski, Fiona	LaSalle Academy
8P051	Killen, Makayla	Muhlenberg Jr High School

# Senior Division

Number	Student Name	School
<u>9th-12th Grades Botany</u>		
BO001	Nutter, Cami	Conrad Weiser High School
BO002	Speicher, Gabriel	Conrad Weiser High School
BO003	Alston, Alexis	Muhlenberg Jr High School
BO005	Abdurraheem, Azizah	Muhlenberg Jr High School
<u>9th-12th Grades Behavioral and Social Sciences</u>		
BS001	De Los Santos, Ashley	Muhlenberg High School
BS002	Chopra, Sanaya	Muhlenberg High School
BS003	Yudiski, Edmund	Conrad Weiser High School
BS004	Olaosebikan, E	Wilson High School
BS005	Tran, Anna	Wilson High School
BS006	Nama, Sanhitha	Wilson High School
BS008	Smith, Brycen	Muhlenberg High School
BS009	Shah, Sonali	Wilson High School
BS010	Bissell, Gracie	Muhlenberg Jr High School
BS011	Piotrowski, Cole	Muhlenberg Jr High School
BS012	Tambo, Victoria	Muhlenberg Jr High School
BS001	De Los Santos, Ashley	Muhlenberg High School
<u>9th-12th Grades Chemistry</u>		
CH001	Heckler, Autumn	Muhlenberg Jr High School
CH003	Hamilton, Emma	Muhlenberg Jr High School
CH004	Townsend, Madison	Muhlenberg Jr High School
<u>9th-12th Grades Earth and Environment</u>		
EE001	Neider, Scarlet	Conrad Weiser High School
EE002	Miller, Finnegan	Conrad Weiser High School
EE003	Faust, Layla	Muhlenberg Jr High School
EE004	Vy, Lily	Muhlenberg High School
EE005	Giraldi, Rebekah	Muhlenberg Jr High School
EE006	Hamilton, Ella	Muhlenberg Jr High School
EE007	Alston, Aaliyah	Muhlenberg High School
EE008	Padilla-Peralta, Gabriela	Muhlenberg Jr High School
<u>9th-12th Grades Engineering</u>		
EN001	Aman, Tyler	Wilson High School
EN002	Ferenchick, William	Wilson High School
EN003	Xie, Julia	Wilson High School
EN004	Dominguez, Jessica	Muhlenberg High School
EN005	Ding, Kevin	Wilson High School

9th-12th Grades Medicine and Health

MH001	Robinson, Brady	Conrad Weiser High School
MH002	Miller, Piper	Conrad Weiser High School
MH003	Fessler, Macey	Conrad Weiser High School
MH004	Djevharian, Laura	Muhlenberg Jr High School
MH005	Sinha, Pragya	Wilson High School
MH006	Jain, Samyak	Wilson High School
MH007	Mendoza, Sierra	Muhlenberg Jr High School
MH008	Agrawal, Anya	Wilson High School
MH010	Alozie, Amarachi	Wilson High School
MH011	Ding, Heidi	Wilson High School
MH012	Nasereddin, Salma	Wilson High School
MH014	Wartzenluft, Garth	Conrad Weiser High School
MH016	Rancier, Leyla	Muhlenberg Jr High School

9th-12th Grades Zoology

ZO001	Mulutzie, Lillie	Muhlenberg Jr High School
ZO002	Hilton, John	Wilson High School

## SUMMARY OF ENTRIES BY CATEGORY

6N	22
6P	16
7N	61
7P	42
8N	47
8P	42
BO	4
BS	11
CH	3
EE	8
EN	5
MC	0
MH	13
PA	0
ZO	<u>2</u>
<b>Total Entries</b>	<b>276</b>

## **RBSEF PAST AWARD WINNERS**

- 1953  
1 - Virgil Ponzoli - Central Catholic - Earth-Space  
2 - Joseph Drylewski - Central Catholic - Zoology  
3 - Harvey Plowfield, Jr. - Wyomissing - Physics
- 1954  
1 - Malcolm Eidle - Kutztown
- 1955  
1 - David L. Klemmer - Reading High - Zoology
- 1956  
1 - John Braun - Central Catholic - Chemistry
- 1957  
1 - Raymond Bowman - Reading High - Physics
- 1958  
1 - Kerry Weinhold - Reading High - Physics  
2 - Priscilla Hendricks - Governor Mifflin  
3 - Dolores A. Napiecek - Central
- 1959  
1 - George F. Post - Central - Zoology  
2 - Catharine Gallagher - Mt. St. Michaels  
3 - Marguerite Costigan - Kutztown
- 1960  
1 - George F. Post - Central Catholic  
2 - Paula Buskey - Central Catholic  
3 - Barry W. Ache - Reading High - Botany
- 1961  
1 - Kermit F. Crossland - Central Catholic - Chemistry  
2 - Jacob Snyder - Oley Valley - Zoology  
3 - Dale Stoltzfus - C.E. Cole
- 1962  
1 - Bruce D. Pomeroy - Central Catholic - Physics  
2 - James Berger - Exeter - Zoology  
3 - Kathleen Bryniaski - Central Catholic
- 1963  
1 - Barbara M. Descoteaux - Mt. St. Michaels - Bio Chemistry  
2 - John Stofko - Central Catholic - Physics  
3 - Janine Phillips - Schuylkill Valley - Physical Science
- 1964  
1 - Ronald Polinski - Central Catholic - Applied Science  
2 - Suzanne Garszcynski - Central Catholic - Chemistry  
3 - Janine Phillips - Schuylkill Valley - Physical Science
- 1965  
1 - Ronald J. Polinski - Central Catholic - Grand Champ Boy - Zoology  
1 - Cheryl L. Leddy - Central Catholic - Grand Champ Girl - Chemistry  
2 - Daniel M. Webber, Jr. - Central Catholic - Physics  
2 - Nancy Noone - Central Catholic - Applied Science
- 1966  
1 - James Simpson - Central Catholic - Zoology  
1 - Antoinette Tyrrell - Central Catholic - Physics  
2 - Daniel Weber - Central Catholic - Physics  
2 - Suzanne Radka - Central Catholic - Applied Science
- 1967  
1 - Bradley Auge - Governor Mifflin - Zoology  
1 - Suzanne Radka - Central Catholic - Applied Science  
2 - David L. Wagner - Holy Name - Physics  
2 - Kathleen Rose - Central Catholic - Physics

1968 1 - Bradley Auge - Governor Mifflin - Med./Health  
2 - Randall Heffelfinger - Oley - Chemistry  
3 - Maryann Zanis - Holy Name - Zoology

1969 1 - Richard Harris - Central Catholic - Med/Health  
2 - Maryann Zanis - Holy Name - Zoology  
3 - Steven Peter - Boyertown - Earth-Space

1970 1 - Leonard Smolinski - Central Catholic - Physics  
2 - Patricia Culp - Holy Name - Zoology  
3 - Richard Harris - Central Catholic - Med/Health

1971 1 - R. Richard Harris - Central Catholic - Med./Health  
2 - Jeffrey Green - Reading High - Chemistry  
3 - Robert Skrocki - Central Catholic - Earth-Space

1972 1 - Maria Porcaro - Central Catholic - Med/Health  
2 - David Embree - Muhlenberg - Physics  
3 - Anton Kapp - Holy Name - Botany

1973 1 - Anton Kapp - Holy Name - Botany  
2 - Thomas P. Hafer - Central Catholic - Med/Health  
3 - Dennis Lorah - Boyertown - Chemistry

1974 1 - Paul Embree - Muhlenberg - Physics  
2 - Dennis P. Lorah - Boyertown - Chemistry  
3 - Richard H. Ebright - Muhlenberg - Zoology

1975 1 - Richard Ebright - Muhlenberg - Zoology  
2 - Paul Embree - Muhlenberg - Physics  
3 - Thomas Smithgall - Holy Name - Med/Health

1976 1 - Richard A. Ebright - Muhlenberg - Zoology  
2 - Paul M. Embree - Muhlenberg - Physics

1977 1 - Richard H. Ebright - Muhlenberg - Zoology  
2 - Paul Embree - Muhlenberg - Physics  
3 - Brad S. Rachman - Muhlenberg - Botany

1978 1 - James K. McCarthy - Muhlenberg - Earth-Space  
2 - David J. Eshelman - Exeter - Med/Health  
3 - Raffaella Torchia - Holy Name - Botany

1979 1 - Kirk Mathews - Central Catholic - Physics  
2 - David Eschelman - Exeter - Chemistry  
3 - Gregory Henry - Reading High - Zoology

1980 1 - James Linton - Reading High - Botany  
2 - Kirk Mathews - Central Catholic - Physics  
3 - Michael Swank - Reading High - Zoology

1981 1 - Andrew Fraley - Wilson - Math & Computers  
2 - Helen Rozzi - Central Catholic - Chemistry  
3 - Michael Swenk - Reading High - Botany

1982 1 - Christopher L. Fraley - Wilson - Math & Computers  
2 - Stephen L. Rozzi - Central Catholic - Physics  
3 - Timothy R. Valentino - Reading High - Chemistry

- 1983  
 1 - Christopher Fraley - Wilson - Math & Computers  
 2 - Christopher Russo - Central Catholic - Physics  
 3 - Jennifer Emkey - Holy Name - Med./Health
- 1984  
 1 - Jennifer Emkey - Holy Name - Med/Health  
 2 - Christopher Fraley - Wilson - Math & Computers  
 3 - Michele Swope - Holy Name - Botany
- 1985  
 1 - Michele Swope - Holy Name - Botany  
 2 - Christopher Fraley - Wilson - Math & Computers  
 3 - Heather Shimp - Holy Name - Earth-Space
- 1986  
 1 - David Haile - Holy Name - Zoology  
 2 - Steven Litvin - Wilson - Math & Computers  
 3 - Michele Swope - Holy Name - Physics
- 1987  
 1 - Steven Litvin - Wilson - Physics  
 2 - David Haile - Holy Name - Zoology  
 3 - Melissa Wall - Muhlenberg - Chemistry
- 1988  
 1 - Steven Litvin - Wilson - Physics  
 2 - Sharon Pilarski - Holy Name - Med/Health  
 3 - Anne Wert - Daniel Boone - Earth-Space
- 1989  
 1 - Sharon Pilarski - Holy Name - Med./Health  
 2 - Michael Thompson - Central Catholic - Zoology  
 3 - Daniel Cherrie - Oley - Physics
- 1990  
 1 - Lawrence Moore - Governor Mifflin - Zoology  
 2 - Stephen Kelley - Governor Mifflin - Physics  
 3 - Theresa Helms - Holy Name - Med/Health
- 1991  
 1 - George Gumbrell - Boyertown - Physics  
 2 - Lawrence Moore - Governor Mifflin - Zoology  
 3 - Peter A. Daley - Wilson - Physics
- 1992  
 1 - Michael Rhoades - Oley  
 2 - Peter Daley - Wilson  
 3 - Stephen Kelley - Governor Mifflin
- 1993  
 1 - Michael Rhoads - Oley  
 2 - Peter Daley - Wilson  
 3 - Gregory Emkey - Holy Name
- 1994  
 1 - Gregory Emkey - Holy Name  
 2 - Derek Robinson - Wilson  
 3 - Nicholas Warischalk - Reading Central Catholic
- 1995  
 1 - Gerry Lee - Wilson  
 2 - Joshua Himmelberger - Hamburg  
 3 - Stephen Emkey - Holy Name
- 1996  
 1 - Joshua Himmelberger - Hamburg  
 2 - Stephen Emkey - Holy Name  
 3 - Michael Nieman - Oley Valley
- 1997  
 1 - Brett DePoister - Reading Central Catholic  
 2 - Joshua Himmelberger - Hamburg  
 3 - Stephen Emkey - Holy Name

1998            1 - Brett DePoister - Reading Central Catholic  
                   2 - Jesse Belanger - Oley Valley  
                   3 - Kristina Sanford - Wilson

1999            1 - Jeff Payne - Wilson  
                   2 - Kyle Usbeck - Wilson  
                   3 - Stacey Blanck - Exeter

2000            1 - Kyle Usbeck - Wilson  
                   2 - Jeff Payne - Wilson  
                   3 - Dan Vroman - Exeter

2001            1 - Katie Sanford - Wilson  
                   2 - Kyle Usbeck - Wilson  
                   3 - Bradford James Brizek - Conrad Weiser

2002            1 - Jeffrey Pawlikowski - Conrad Weiser  
                   2 - Katie Sanford - Wilson  
                   3 - Nickolas Timpe - Home School

2003            1 - Denise Gardner - Conrad Weiser  
                   2 - Kathryn Sanford - Wilson  
                   3 - Nickolas Timpe - Home School

2004            1 - Thomas Trudel - Muhlenberg  
                   2 - Kathryn Sanford - Wilson  
                   3 - Peter Littlefield - Oley Valley

2005            1 - Hilary Peterson - Conrad Weiser  
                   2 - Thomas Trudel - Muhlenberg  
                   3 - Matthew Gardner - Conrad Weiser

2006            1 - Kimberly Larrabee - Reading  
                   2 - Alex Youst - Conrad Weiser  
                   3 - Jon Rittle - Conrad Weiser

2007            1 - Alex Quaintance - Muhlenberg  
                   2 - Christopher Zimmerman - Muhlenberg  
                   3 - Nicholas Showalter - Conrad Weiser

2008            1 – Christopher Zimmerman – Muhlenberg  
                   2 – Rachel Bigos – Holy Name  
                   3 – Ryan Moraski – Conrad Weiser

2009            1 – Seth Fisher – The King’s Academy  
                   2 – Vincent Zampelli – Conrad Weiser  
                   3 – John Keller – The King’s Academy

2010            1 – John Keller – The King’s Academy  
                   2 – Gregory Scanlon – Holy Name HS  
                   3 – Miranda Haslam – The King’s Academy

2011            1 – Matthew Weidner – Brandywine HS  
                   2 – Miranda Haslam – The King’s Academy  
                   3 – Aubrie Potteiger – Muhlenberg Middle

2012            1 – Matthew Weidner – Brandywine HS  
                   2 – Andrew Przyjemski – Governor Mifflin HS

	3 – Grant Bayer – Tulpehocken HS
2013	1 – StepHanie Keller – Conrad Weiser HS 2 – Megan Campbell – Conrad Weiser HS 3 – Catharine Scoboria – Berks Catholic HS
2014	1 – Andrew Przyjemski – Governor Mifflin HS 2 - Matthew Weidner – Brandywine HS 3 - Catharine Scoboria – Berks Catholic HS
2015	1 - Andrew Przyjemski – Governor Mifflin HS 2 – Marlin Thomas – Governor Mifflin HS 3 – Kayla Petersen - The King’s Academy
2016	1 - Alexa Schneck – Conrad Weiser HS 2 - Joseph Gresoi – Conrad Weiser HS 3 – Boatram Nguyen – Berks Catholic HS
2017	1 – Lacie Pichler – Conrad Weiser HS 2 – Baotram Nguyen – Berks Catholic HS 3 – Rosalie Brunner - Conrad Weiser HS
2018	1 – Rini Kaneria - Conrad Weiser HS 2 – Nikita Patel - Conrad Weiser HS 3 – Madison Bright - Conrad Weiser HS
2019	1 – Joseph Walker – Berks Catholic HS 2 – Abigail Atkins – Berks Catholic HS 3 – Ellie Chibirka - Conrad Weiser HS
2020	1 – Krishna Nayek – Wilson HS 2 – Selia Werth – Conrad Weiser HS 3 – Holden Rice - Conrad Weiser HS
2021	1 – Holden Rice – Conrad Weiser HS 2 – Erin Horack – Conrad Weiser HS 3 – Brady Moyer - Conrad Weiser HS
2022	1 – SriGouri Oruganty – Muhlenberg HS 2 – Lindsey Preston – Conrad Weiser HS 3 – Holden Rice – Conrad Weiser HS
2023	1 – Paige Hinkle – Wilson HS 2 – Kamella Gechter – Conrad Weiser HS 3 – Matthew Ferenz – Daniel Boone HS

2024

- 1 – Sindura Sridhar – Wilson HS
- 2 – Paige Hinkle – Wilson HS
- 3 – Tyler Ferez – Daniel Boone HS

2025

- 1 – William Ferenchick – Wilson HS
- 2 – Samson Evans – Muhlenberg HS
- 3 – David Markwood – Muhlenberg HS

Reading-Berks  
**SCIENCE**   
 **ENGINEERING**  

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**Fair**