



RBSEF, Inc. Presents the
**71st Reading-Berks Science And
Engineering Fair**

Hybrid through STEMWizard
and Albright College
March 13, 2023 – March 16, 2023

RBSEF 2023 Awards Ceremony
at Albright College
March 16, 2023 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
The King's Academy
Witzel Sound Solutions
Kim Chan – STEMWizard Support

SCHEDULE OF EVENTS

Monday, March 13, 2023

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

Tuesday, March 14, 2023

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

1:00 PM - 3:00 PM STUDENT INTERVIEWS

Wednesday, March 15, 2023

8:00 AM - 9:00 PM FAIR OPEN TO PUBLIC

Thursday, March 16, 2023

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.

Karen Campbell, Albright College Provost

Presentation of Awards

Deanna Witzel, RBSEF Fair Director

Friday, March 18, 2023

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 2022

\$10,000 Contributor – Principal Sponsor
Broadcom Foundation

\$1,000 Contributors – Silver Sponsors

Mitsubishi Chemical Advanced Materials
Schatz Electric
Gateway Ticketing Systems

\$500 Contributors – Bronze Sponsors

Steven and Amy Bright
UGI Utilities
Tompkins/VIST Bank

\$300 Contributors – Bronze Sponsors

Matthew Schell

\$250 Contributors – Division Sponsors

PhytogenX, Inc.
Traffic Planning and Design, Inc.
Aftan Engineering, LLC
JPMS Manufacturing, LLC
Firefly Bookstore
Kozloff Stoudt Attorneys
Berks County Patriots

\$200 Contributor- RBSEF Sponsor

Eastern Technologies, Inc.
Post Precision Castings, Inc.

\$100 Contributor - RBSEF Sponsor

Security Service Company
J.B. Long, Inc.

\$50 Contributor - RBSEF Supporter

Perry Township Game Association

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 badge. First through fourth place winners will receive medals. The Grand Champion, the Champion and the Reserve Champion will each receive a plaque and a rosette. The Grand Champion and the Champion will be eligible to participate in the Regeneron International Science and Engineering Fair to be held virtually. ISEF judging will take place from March 9 – 14, 2022 and official ISEF events will take place May 7 – 13, 2022.

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, 6th through 8th, have a Natural Science Category and a Physical Science Category and will receive the following:

Honorable mentions will be awarded badges.

First through fifth place winners will receive medals and will receive Broadcom Masters awards and invitations to compete in the 2022 Broadcom MASTERS national competition.

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

All exhibitors whose entries were accepted by the registration deadline will receive certificates for their participation in the Reading-Berks Science and Engineering Fair.

SPECIAL AWARDS

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

Altrusa International of Reading

A \$100 award to one girl and one boy in the Junior Division who have accrued the second highest number of points in natural or physical science.

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

Two \$125 awards in the Senior 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

Three \$100 awards, Junior Division; and a \$200 award, Senior Division, will be given for best projects exhibiting understanding and knowledge of the physical sciences, materials and metallurgy.

ASME - Anthracite Lehigh Valley Section

A \$100 award in either Junior or Senior Division to a project implementing engineering principles that best demonstrates a contribution to the benefit of humanity.

Association for Women Geoscientists

An award certificate is presented to a female student whose project exemplifies the high standards of innovativeness and scientific excellence in the geosciences.

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 Engineering category and 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."

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 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 5th, 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 USD Gift Certificate, and
- Raspberry Pi Pico Kit

Code Relief, LLC

Two \$25 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.

Conrad Weiser Lions Club

Four \$50 awards. \$50 each to two Conrad Weiser High School and two 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.

East Penn Manufacturing Co.

Awards of \$100, one each in the Junior and Senior Divisions, for outstanding projects dealing with batteries or energy storage.

Entech Engineering, Inc.

Three awards 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.

First Energy Corp.

FirstEnergy Environmental Sustainability Award. First Energy would like to recognize students whose project uses sound scientific methodology to examine a problem or issue related to environmental sustainability, such as the use of natural resources or energy, environmental pollution or contamination, or other environmental issue. Senior Division \$150, Junior Division \$100.

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. Sponsor by the Electricians Local 743

Junior Division Sports Equipment Award

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

Kin & Alice Chung Award

A \$200 award to the winner of the Engineering Division. The Award will be presented after the Senior Division category Awards are presented. In addition, \$100 each for outstanding projects in Geology, Environmental, and Material.

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

\$100 Award to one project of a middle school student that meets the following requirements:

- 1- Identifies problem-solving by identifying a critical problem
- 2- Applies empathy and STEM knowledge to find a practical solution.
- 3- Displays entrepreneurial thinking by developing a tangible invention.
- 4- Develops an invention to solve a critical societal problem and improve the lives of others.
- 5- Ideally exemplifies environmentally-responsible thinking in their research and creation of the product.

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.

National Geographic Society That's Geography! Award

This award will provide a \$100 award and a certificate to a Senior Division student who is seeking solutions to the Earth's most pressing challenges, in particular, around oceans, land, wildlife, human history & cultures, and human ingenuity

National Oceanic and Atmospheric Administration (NOAA)

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.

Office of Naval Research - U.S. Navy / U.S. Marine Corps

The Office of Naval Research (ONR) is committed to supporting science, technology, engineering, and mathematics (STEM) initiatives and programs for our nation's young students. Achievement certificates, Medallions and \$50 gift cards to students with outstanding exhibits in the Senior Division, and certificates and medallions to selected students in the Junior Division.

Penn State Berks, Science Division

Three awards of \$100 for the best projects in agricultural science, biological science and physical science. One award of \$50 for best use of data and statistics.

Project Excellence Award

\$150 award to Senior and \$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 Science Center

Awards to the most unique project or approach and student enthusiasm in the Junior Division.
Awards of one (1) Family Membership for one year as well as a science swag bag including experiments and goodies from the Reading Science Center per grade in Junior Division (6th, 7th, & 8th).

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 of the Physics Division. Also, a \$100 award in the Junior Division for the best Physics Project.

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.

Total Experience Learning at Albright College, Innovative Changemaker Award

Total Experience Learning at Albright College, Innovative Changemaker Award Winners receive a Free Summer Program Membership

U.S. Agency for International Development (USAID)

The U.S. Agency for International Development (USAID) is pleased to offer one (1) Science Champion Award (Certificate), Social Media Toolkit, and webinar with USAID's Chief Scientist to recognize an exceptional individual student exhibiting at the fair that has the potential to make an impact on addressing international development challenges. It is intended that this recognition be given to the most outstanding project with relevance to solving an important global development challenge.

U.S. Stockholm Junior Water Prize

Three Regional Certificates to those high school students with the best water-science related projects.

United States Air Force

A certificate and award package to students for best exhibits in mathematics, science and engineering.

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.

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.

Yale Science and Engineering Association

Certificate and Medallion 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/Computers	MC
	Medicine/Health	MH
	Physics and Astronomy	PA
	Zoology	ZO
	JUNIOR - 6th - 8th Grades	Natural Science
Physical Science		6P, 7P, 8P

CATEGORY EXHIBITS LISTED BY SCHOOL

Berks Catholic High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Achenbach, Hailey	Which Lip Balm Has the Better Water Seal?	MH009
Alvine, Nicolas	What Material Dampens Sound the Best?	PA002
Antolini, Antonia	Viscosity of Liquids	PA043
Barbera, Prudence	How Well Do Kids Wash Their Hands?	MH010
Bookser, Sadie	Can a Baking Sheet Affect if a Cookie Burns?	CH005
Buerke, Grace	Does Name Popularity Affect Personality?	BS039
Burkey, Serena	Leaves on Leaves	EE022
Campanella, Anthony	Can You Stop a Magnet?	PA006
Cress, Gwenivere	Which Citric Fruit Acid Preserves Apples Best?	CH007
Cubas, Emmanuel	Which Fruit Acids Stop an Apple from Browning the Most?	BO003
Cunningham, Audrey	Which Moisturizer Is Most Effective?	MH012
Curley, Aidan	Will Bread Mold in Hot or Cold?	BO002
D'Angelo, Christopher	A Bounce to New Heights	PA005
Dempster, Cailin	What Material Melts Ice the Best?	CH004
Devine, Allison	Can Household Cleaners Affect Living Things?	EE030
Drumheller, Micah	Do Food Coverings Affect the Browning of Apples?	CH009
Dugan, Payton	Hard to be Positive While Freezing	CH011
Eveland, Blake	Which Bird Feeder do Birds Prefer More?	ZO001
Gallagher, Bryanna	Can Color Affect Temperature?	CH003
Gilbert, Alexys	How Fast Is Light in Gelatin?	PA004
Gilbert, Collin	Which Drink Contains the Most Electrolytes?	MH044
Gontarz, Gillian	A Colorful Mind	BS006
Gordos, Madelyn	Which Whitening Toothpaste is Best?	CH026
Impellizzeri, Grace	What's the Coolest Fan?	EN004
Junikiewicz, Ava	Which Disinfectant Kills the Most Bacteria?	BO005
Kantner, Chloe	Which Vegetable Will Mold the Fastest Organic Versus Inorganic	BO010
Klinger, Madelyn	Blood Sugar Balancing: How Does Exercise Affect Blood Glucose Levels?	MH005
Kopinski, David	Does Temperature Effect Luminol	CH006
Krajsa, Parker	Does Eye Color Affect Peripheral Vision?	BS007

Lawlor, Sadie	Sun Safety	MH008
Logozzo, Isabella	Does Fertilizer Help Grass Grow Faster?	BO026
Luo, Christian	Growth Inhibition of Gram-Positive and Gram-Negative Bacteria with Antibiotics	MH013
McClure, Regan	Hair Strength and Elasticity	MH004
McKeone, Aiden	Which Types of Insulation Perform the Best?	PA008
Miller, Hannah	Shedding Light on Luminaires	CH008
Morganti, Matthew	Which Type of Flooring is the Most Efficient in Heating a Solar-Powered Home?	EN003
Nguyen, Andy	What fruits contain the most Vitamin C?	CH010
Pascuzzi, Maria	The Jackpot	CH013
Peffley, Mackenzie	Shingles Heat Absorption Speed	CH012
Perate, Rocco	Which Flour Makes the Best Chocolate Chip Cookies?	BS009
Peticca, Cole	How Clean is Your Water?	EE005
PrechtI, Dane	Generation 2 Color Inheritance in Chickens	ZO002
Readinger, Blake	What is the Difference in the Levels of Electrolytes in Different Sports Drinks?	CH014
Reali, Sophia	Pasta La Vista	CH015
Ruiz-Ravelo, Jadee	Which Cut Will Keep the Flowers Fresher for a Longer Period of Time?	BO008
Sabatucci, Frank	Commercial Insulation vs. Homemade: Which is better?	PA007
Schearer, Emily	Is Bulletproof Glass Penetrable?	PA003
Schmehl, Peter	Bacteria Butchers	BO006
Shumaker, Angelina	What Activity Lowers a Horse's Heart Rate the Most?	ZO018
Sobota, Ryan	Which Brand of Bottled Water is the Purest	EE004
Stringer, Braedan	Which Exercise Produces the Most Carbon Dioxide Output?	MH007
Strock, Dylan	How pH Affects Plant Growth	BO004
Tomsho, Ben	Which Masks Is Best to Prevent Bacteria Spread	MH047
Walls, Dillon	Which Fruit Produces the Most Seeds?	BO007
Ward, Michael	Which Type of Arrowhead is the Sharpest?	EN002
Wolf, Lily	Which Acne Medication is the Most Effective?	MH006
Yoder, Mallory	Which chord length is the most efficient?	EN001
Zoltack, Nicholas	What Shampoo Works Better?	MH011

Conrad Weiser High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Baker, Aubrey	The Effect of Age on a Thoroughbred Horses Heart Rate During Timed Grooming	ZO004
Brant, Dahlia	Bot or Brain: Identifying ChatGPT in Different Writing Styles	BS002
Gechter, Kamella	Extraction of Terpene Content in Hop (<i>Humulus lupulus</i> L.) Varieties	BO011
Horack, Allie	Detecting the Presence of Anaplasma and Ehrlichia Pathogens in Blacklegged Ticks	EE028
Kesselring, Lisa	Behaviorial Changes in <i>D.Melanogaster</i> with DFMR1 Mutations	BS001
Kreiser, Carly	Genetic Diversity of the Threatened Trillium cernuum	BO014
McGarrigle, Justin	Testing cAMP's Effect on the Motility of Dictyostelium Cells	MH001
Miller, Finnegan	Degrading High Density Polyethylene Plastic Using Pleurotus Ostreatus	EE009
Neiswender, Kaden	The Biofuel Amount Made from Types of Algae	EE031
Robinson, Abby	Natural Transformation Frequencies of Escherichia Coli by Antibiotic-Resistant Genes	EE001
Robinson, Brady	Using 3-D Printed Fan Designs to Cool a Central Processing Unit	MC001
Savage, Jada	Exposing Freshwater Mussels to Cyanobacteria to Detect Filtration Abilities	EE006
Weber, Abigail	Screening for Antibiotic Resistance Genes in Staphylococci Bacteriophage DNA	MH046

Conrad Weiser Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Angstadt, Landon	Harnessing Energy from A Stationary Bike	8P006
Arnold, Emily	How Do You Combine Smells and Manipulatives to Relieve Stress and Anxiety?	8N013
Baker, Jackson	How do Different Angles Affect Speed on a Roller Coaster?	6P006
Baluta, Kamden	Effect of Plantings on Soil Erosion	7N042
Bartolo, Logan	Turning Pepto Pismol into Metal with Acid	8P016
Baxter, Elliot	Difference in Stress between Sixth and Eighth Graders	7N026
Behney, George	RC Turbine Car	8P014
Bender, Colin	The Effect of Height on the Stability of a Building	6P005
Berger, Skylir	Different Temperatures of Water Preferred by Chickens	8N014
Bieber, Bruce	Testing Accuracy of Different Lacrosse Sticks	7P021
Blanchard, Avari	The Flammability of Nail Polish	8P017
Bossler, Dylan	Confidence and It's Affected Ability on the Court	8N006
Boyer, Willow	What is the Accuracy and Distance of Hitting a Volleyball?	7P017
Brant, Gwyneth	Do Plastic Beehive Components Increase Microplastics in Honey?	6N008
Bruno, Kayleigha	How Far Can the Germs in an Uncovered Sneeze Go?	6N002
Callahan, Luke	How Does Running Long Distance Effect oxidation?	8N023
Ciemiewicz, Madelyn	The Effect of Growing Media on Hydroponic Plant Performance	8N026
Clabaugh, Noelle	How Easy Is It to Identify a Person Based on Their Bitemark?	8N028
Conlon, Silvia	The Effect of Different Colored Paper on the Mind	8N027
Dawson, Liam	How Will Different Folding Techniques Affect the Flight of A Paper Airplane?	6P002
Dobbs, James	The Effect of Water Purity on Crystal Growth	7P006
El Gendy, Lena	Social Media and Its Effect on Two Different Generation Mentally and Physically	8N017
Emmel, Olivia	Effect of Lighting in Schools	7N019
Espinosa, Daphne	Situational Reactions Between Introverts and Extroverts	8N016
Fall, Adji	How Much Bacteria/ Colonies Are on a Lash Filled with Mascara	8N037
Farrow, Anttonio	Defensive Pole Distance	7P001
Feeg, Haden	The Effect of Time of Day on Reading Comprehension	7N006
Feliz, Austin	The Impact of Catapult Arm Size on the Distance Regarding an Object	8P015
Fiscus, Aiden	How Running Strides Affect Jump Performance	8N030
Flores, Aydyn	Does Tap Water and Bottled Water Taste Different or The Same	6N017
Gelsinger, Sarah	The Effect of Bacteria and Mold Growth on Bread	7N031
Giffing, Robert	Construction of A Baseball Sliding Mitt	8N019
Guevara, Abigail	Which Brand of Soil Has the Least Amount of Microplastics?	8P004
Harlow, Lynkyn	Determination of Drought Tolerance of Different Bean Varieties	7N007
Harting, Lincoln	How Different Lacrosse Sticks Change the Effect of a Faceoff	7P027
Harting, Mason	How Do Economic Factors Affect Citizens	7N018
Hernanadez, Josean	The Effect of Being Time on a Test Than Not	8N032
Himmelberger, Evan	Soccer ball roll	6P013
Hitchcock, Abigail	How Much Electrical Energy Will Be Produced by the Generator?	7P005
Hunt, Miles	The Effect of Sports Drinks on Reaction Time	7N005
Kase, Ryan	The Effect of Location on Amount Microplastics in Water	8P009
Kauffman, Chase	The effect of COVID-19 on Children's Usage of Electronics	7N032

Kennedy, Michael	The Effect of Weight on the Exit Velocity of a Batted Ball	6P003
Keppley, Tyler	The Effect of Changing the Temperature of a Slingshot	8P008
Kofsky, Ava	The Puppet Project	6N011
Kohl, Meadow	How do Different Music Affect How We Learn and Work?	7N028
Krick, Alexis	Premade or Homemade?	6N009
Krow, Kyle	What Method of Kicking a Soccer Ball is the Most Beneficial	8N025
Kuennen, William	Application and Creation of Ultrasonic Cleaners for Consumer Dental Use	8P046
Lefler, Bryant	How Much PSI in the Soccer Ball Affects How Far It Travels When Kicked	6P007
Lewis, Josephine	The Effect of Art on Memory	7N020
Lowery, Ava	The Effect of Different Genres of Music on Your Emotions	8N029
Manbeck, Megan	Different Types of Manure Affect the Soils Sand, Silt and Clay	8P005
Marburger, Abigail	The Effect of Oil Patterns on the Scores of Bowlers	6P020
Marquez, Florencia	Which Bunion Corrector Reduces the Most Pain	7N002
Martinez, Desirae	The Effect of Font Color on Text Memory	7N008
Martino, Aleena	The Effects of Agricultural Runoff on Eukaryotic Plantae	8N021
Masi, Peyton	Which Tennis Racquet Helps Improve Your Aim: Wooden or Graphite?	6P010
Meredith, Liam	The Effect of Tape Styles on Puck Handling and Shooting	6P019
Meredith, Owen	The Best Spot to Aim a Penalty Shot	8P001
Metzger, Ruthanne	The Effect of Personality Types on Common Insecurities and Self-Esteem	8N009
Miller, Austin	The Effect of PSI of a Football on Kicking Distance	7P009
Miller, Logan	The Effect of Added Mass on Magnet Levitation	7P014
Miller, Piper	5th and 8th Grade Students Comfortability Level in Certain Situations	6N001
Misiti, Chiara	How Many Kilograms Can an Eco-Friendly Bag Hold?	6P011
Mohn, Damon	How Does the Weather Affect How You Play Basketball?	7P018
Mortland, Cambria	How Does Dyslexia Affect a Creative Ability?	7N004
Mortland, Payson	How Does Music Affect Running Speed?	8N012
Muraira, Shawn	The Psychology of Your Music Taste & Your Love Language	8N011
Nakonecznyj, Nathan	Various Slide Methods and Their Impact on Baserunning Times	6P021
Neider, Scarlet	The Effect of Sound Frequency on The Ability to Train the Domesticated Guinea Pig	7N001
Niculcea, Lucas	Exploring Angular Momentum with Beyblades	7P019
O'Riordan, Madolynn	A More Beneficial Vegan Cookie Alternative for Nut Allergies	8P018
Orth, Marly	How Day of The Week Effects Test Scores	7N022
Owens, Michael	How Does Color Affect Memory	7N010
Palumbo, Aidan	The Societal Pressure to Conform	8N015
Parham, Devon	How Does Weather Affect Sports Performance?	7N009
Pedraza, Amaya	Fight or Flight Reaction, Males vs Females	8N002
Rankin, Kaylee	Equine Reaction to Human Emotions	7N029
Rhyder, Haylee	Different Ways Kids Get Bored or Distracted in Class	6P001
Rice, Ilina	Can People Taste the Difference Between Bottled, Well, or Tap Water?	6N010
Rice, Sawyer	Cheesy Science: Does Flavored Milk Make Flavored Cheese?	7N003
Robison, Lyla	What is the Fastest Shot on Goal in Field Hockey?	7P010
Rohrbach, Andrew	Safest Water to Drink In a Survival Situation	7N023
Rump, Angelika	The Homemade Watercolor Experiment	6N022
Santoro, Gabriella	What Is the Relationship Between Cost and Quality in Colored Pencils?	7P015
Sattazahn, Presley	The Effect of Container Material on Milk Spoilage	7P002

Schott, Liam	Effect of age on knowledge of World War I	6N018
Schumacher, Lillian	Rabbit Maze	6N003
Seidel, Jordan	What Controller Works Best for F-Zero X?	7P016
Sena, Aria	The Effect of Physical Contact on Emotion?	8N008
Shade, Nora	What Candy is Best Used to Make Cotton Candy?	7P022
Shaffer, Kaitlyn	Does The Five Second Rule Really Work?	7P004
Shannon, Leah	What are the Benefits of Sports on Adolescents	8N005
Siani, Vivienne	Water Testing for Chemicals	6N020
Smith, Autumn	What Material Bat Increases Your Performance the Most?	7P020
Smith, Gabriel	Music's ability to Physical Fitness	8N020
Smith, Sonja	The effect of weights on the rotation and movement of a color guard pole	7P008
Snyder, Macy	The Effect of Daylight Savings on Sleep Patterns	8N001
Speicher, Gabriel	The Relationship Between type of bird feeder and Bacterial Contamination	7N027
Steffy, Elizabeth	How Likely Are Middle School Students To Conform to a Group?	8N041
Stoica, Natalie	The Effect of a Student's Personality Type on Their Learning Style	7N030
Stoy, Kellen	How Honest are People?	6N019
Suglia, Chase	Colors Effect on Survey Results Extremity	8N022
Sweigart, Chase	Wood Resistance to Water	7P003
Swist, Makenna	The Effect of Different Instruments on The Heart Rate	8N007
Thomason, Jaide	How Past Experiences Effect a Person's Body Language and Personality	8N010
Ulrich, Vaughn	The Effect of Temperature on the Air Pressure within Sports Balls	7P007
Walker, Ke'Ziah	The Best Shampoo for You	8N031
Walter, Luke	The Effect of Sleep on Cognitive and Physical Ability	8N018
Whitehead, Raegan	Do Certain Scents Affect Your Sleep?	8N003
Wilson, Jackson	The Effect of Weight on the Distance a Skateboard Travels	6P023
Zerbe, Olivia	Student View Points vs parents view points	8N004

Governor Mifflin High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Ainge, Charles	Effect Color Has on The Taste of Drinks	BS015
Albera, Autumn	How Colors Affect Taste	BS036
Alexander, Addison	The Effect of Natural Antibiotics on Bacteria	MH037
Alexis, Gabriellah	Does the Light of the Room Effect How Fast or Slow a Person Reads?	BS018
Alvarez, Antonio	The Effect of Glove Type on Catching a Football	PA030
Angstadt, Jessica	The Effect of Color on Cat Preference	ZO013
Baessler, MaKenna	The Effect of Discarded Trash on the Ability to Recycle and/or Compost Waste	EE020
Barber III, John	Does Age Affect Reaction Time?	BS013
Bereschak, Gavin	The Effect of Bug Spray on Plants	EE016
Bonfadini, Daniel	The Effect of Fat Content of Milk on Bacterial Growth	MH030
Bowman, Maria	The Effect of Evaporating Different Household Items on Crystal Growth	EE026
Boykin, Alex	Does Gatorade Work as A Pre-Workout?	MH027
Brown, Briana	The Effect of Animal Disinfectant Spray and Dawn Dish Soap on Bird Feathers	EE011
Bugay, Dominic	The Effect of Sound on Bearded Dragon Body Language	ZO005
Burkard, James	The Effect of Infill Density on Integrity of PLA Plastic	EN007
Carl, Dawson	The Effect of Different Boats with Different Designs	PA038

Carrasco Liranzo, Joslin	The Effect of Skin Contact on Makeup and Bacterial Growth	MH025
Coffin, Kellan	Best Way to Smoke Your Meat	CH023
Craley, Clancy	The Effect Action Films Have on Pulse vs The Effect Comedy Films Have on Pulse	MH028
Cristurean, benjamin	The Effect of Air Pressure of a Volleyball on Serving Accuracy.	PA023
Cruz, Mariyah	The Effect of Fruit (Non-organic and Organic) Where the Fruit is Stored	BO023
Curry, Connor	The Effect of Temperature on PSI Level	PA013
Danciu, Tiberiu	The Effect of Different Poultry Feed on Duck Egg- Laying Rate	ZO012
DeFreece, Devin	Video Games Effects on Mood	BS035
DeLoretta, Grant	The Effect of Wood Stain on the Amount of Water Pinewood Absorbs	EE024
DeLoretta, Lillyanne	Rice is Nice (When It's Washed)	EE018
DeMatteo, Olivia	The Effect of Different Types of Salt on The Osmosis/Mass of Plants	EE017
Detwiler, Bryce	The Effect of Pitch Speed Has on Exit Velocity	PA025
Diaz, Genesis	Music's Effect on Emotional Stimulus Through Scenes	BS010
Dinatale, Derek	The Effect of Air Pressure on How Many Yards a Football Can Be Thrown	PA019
DiPasquale, Gianna	The Effect of Different Hydroponics Techniques on Fruit, Vegetable, and Herb Plants.	BO001
Durham, Mia	Kicking Under Pressure	PA020
Eckert, Lucas	The Effect of Music on Testing Mood	BS022
Eisenhower, Alanna	Left and Right-Handedness in Male and Female Dogs	ZO014
Eshbach, Cohen	The Effect of Illegal Bats and Why They Were Banned.	PA015
Ezard, Alanna	The Effect of Chlorine Bleach and Oxygen Bleach on Bacterial Growth.	MH031
Fellenz, Molly	What Color Do Cats like The Most?	ZO006
Ferry, Teague	The Effect of Electrolyte's Consumption on Hydration Level During/After a Run	MH023
Foster, Kirei	The Effect of pH on Algal Growth	BO021
Fream, Cora	The Effect of Students' Screen Times Based on The Activities They Are Involved In	BS028
Fulk, Alivia	Human's reaction time vs age	BS037
Gall, Kaylee	The Effect of Natural Resources on Water	BO024
Gallery, Ryan	The Effect of Sugar on the Speed that Ice Melts	CH017
Gauger, Aja	Can Physical Activity Affect Your Energy Level in a Good or Bad Way?	MH032
Gebhart, Kaitlyn	Do Cow Teeth Get Affected by Their Diet?	ZO016
Gehris, Laila	The Effect of Different Fruit on Preferences by Roly-Polies	ZO008
Gibbs, Ariana	Different Liquids	BO028
Glucksnis, Evan	Testing Distances in Correlation to Exit Velocity	PA039
Gonzalez, Isarel	The Effect of Temperature on Mold	BO016
Gonzalez, Janisse	The Effect of LED lights on a Person Working on Homework	BS011
Gotay, Nisani	How Do Different Types of Energy Drinks Affect Your Heart Rate?	MH040
Harle, Jaycob	The Effect of Different Surfaces on Running Time	PA027
Harris, Evan	The Effect of Different Wavelengths of Light on UV Sensitive Yeast Growth	BO022
Hearn, Kellie	The Effect the Characteristics of a Bat Have on the Distance the Ball Travels	PA009
Hertzog, Lindsay	The Effect of Time on How the Transformation of Soap Occurs	EE025
Hickey, Chase	The Effect of Having Queer Characters on The Readers' Opinion of a Short Story	BS024
Hopkins, Ian	Are You Inviting Mosquitoes into Your Backyard?	ZO015
Hyneman, Garrett	To What Extent Does H2O2 Decompose when Exposed to Light?	CH002
Jackson, Aaren	The Effect of Different Alternative Soil Materials on Plant Growth	EE012
Johnson, Rianna	Fending off Second-hand Smoke with Food	MH015
Jones, Eternity	The Effect of Different Fruits on the Painted Lady Caterpillar's Preference	ZO007

Kauffman, Gavin	The Effect of Octane Gasoline on Miles Per Gallon	CH018
Kells, Alanorah	The Effect of Warming up to Improve Speed Between Passes	PA036
Kintzer, Derek	The Effect of Materials Lining the Test Box on Decibels Picked Up Outside the Box	PA021
Klopp, Mason	The Effect of Water Purification on Bacterial Growth	EE019
Koenig, Lance	The Effect of Kicking a Soccer Ball when Still or Rolling Relative to Kicker	PA040
Kovacs, Natalie	Feeling Musical	BS041
Kurowski, Cassidy	The Effect of Chemical Products on Ice Cream Temperature	CH021
Labagh, Robert	The Effect of Thickness of Hydrogel Layer on the Energy Produced by a Solar Panel	EN008
Lachina, Andrew	The Effect of Chance or Other Factors on Win Streaks of Basketball	MC002
Lachina, John	The Effect of Different Color Crappie Nibbles on Bluegill Preference	ZO009
Lachina, Mark	Can Dogs See Color?	ZO011
Lattemann, Genevieve	How Salt Affects the Fermentation Process	MH041
Leaf, Lebron	The Effect of Type of Hand Drying on Bacterial Growth	MH029
Leflar, Ben	Taste Perception with Yogurt	BS017
Leinweber, Carter	The Effects of Helium on a Football's Throwing Distance	PA028
Long, Olivia	The Effect of Menthol on Humans' Reaction Time	BS029
Lopez Acosta, Valerie	A Year of Green	EE013
Lopez, Enrique	White Light vs. Red Light for Activating Proteins in Brain Health from Glowing Worms	MH035
Manwiller, Jack	Exit Velocity from Different Weighted Bats	PA024
Martinez, Sebastian	The Effect of Mug Color on the Perception of Coffee Strength	BS020
Martinez-Nunez, Glismaisy	Stress Release from the Brain	BS019
McHugh, Natalie	The Effect of Temperature on the Height of a Volleyball	PA032
Miller, Larry	The Effect of the Materials of Hockey Sticks on Shot Velocity	PA014
Miller, Owen	Does the Part of the Bat Vary the Exit Velocity of a Baseball?	PA044
Miller, Serina	The Effect of Different Types of Vitamin Water on Fresh Cut Flowers' Lifespans	BO018
Missimer, Noah	The Effect of Foot Position on a Skateboard on Its Height	PA012
Mittig, Nelia	The Effect of Caffeinated Coffee on Staphylococcus Epidermidis Growth	MH018
Montgomery, Nicholas	The Affect Pitch Location Has on Exit Velocity	PA033
Montijo, Anel	Science Fair	CH022
Morin, Michelle	The Effect of Leaf Decomposition in the Soil on Plant Growth	EE021
Morrow, Ariana	The Effect of MiracleGro Placement on the Growth of Plants	BO020
Murray, Joe	The Effect of Bat Speed on Attack Angle	PA031
Murray, Joseph	Activity of Hermit Crabs in Colors of Light	ZO010
Nieves-Calderon, Yadirytza	Does Music Change Blood Pressure?	MH021
O'Brien, Shaun	How Does Air Pressure Change the Direction of Soccer Balls	PA026
O'Rourke, Nolan	Bacterial Growth Vs. Different Hand-Drying Methods	MH038
Ortiz, Skymar	The Effect of Weight on Eggs	MH039
Overley, Cameron	Do Massage Guns boost your Performance?	MH016
Oxenreider, Austin	The Effect of Food Labeling on Taste Perception	BS032
Pagan, Elias	Why is Chess Associated with Smart People?	BS038
Pagan, Zamayra	Power Plants	BO013
Paige, Caitlin	Generational Comparison of the Effect of News Related Stimuli on Heart Rate	BS023
Perez, Nathanael	Cell Phone Addiction	BS043
Persky, Grace	The Effect of Ocean Pollution on Coral	ZO017
Pletz, Javien	The Effect of Air Pressure in a Football on the Accuracy of a Throw	PA022

Quinn, Shawn	The Effects of Various Lengths of Equipment on Meters Thrown	PA034
Rabold, Ashlen	Molded Over	BO015
Reiter, Aden	Growing Algae in 3 Different Liquids	BO012
Remp, Mya	The effect of magnetic force on E.coli bacteria	MH019
Rivera, Nicholas	How Much Radiation Do Cell Phones Emit and Is It Harmful?	PA016
Roberts, Erin	Temperatures Effect on the Bounce of a Tennis Ball	PA041
Rodriguez, Meghan	Triangles and Bridge Strength	EN009
Rodriguez, Michelle	Are You More Active in the Morning after Working Out?	BS034
Rogers, Aisha	Does Consuming Dark Chocolate Affect Test Scores?	BS027
Roslin IV, Joseph	A Computer Inside a Computer	MC004
Rotkiske, Mars	The Effect of Speed on Quality of a 3D Printed Object	MC003
Rowe, Gavin	The Effect of Chewing Gum on Focus	BS033
Rumberger, Avery	The Effect of Font Style on Memory	BS014
Ruth, Laurelai	Exposing Makeup to Air to Witness Bacterial Growth in Makeup Products	MH017
Sea, Nolan	The Effect of Bike Tire PSI on the Speed of the Tire	PA029
Seifrit, Lipuo	The Effect of the Genre of Music on People's Moods Based on Personalities	BS016
Shaffer, Bradyn	The Effect of Worms on Plants	BO019
Shaffer, Spencer	The Effect of Age on Processing Images	BS026
Shepler, Luke	The Effects of Weight Distribution	PA037
Siltzer, Kayla	The Speed at Which People Read Different Fonts	BS021
Sites, connor	Will a Plant Grow Better Based on the Direction It Is Facing	BO017
Smith, Jaden	The Effect of Different Types of Baseball Bats on How Far the Ball Goes off the Bat	PA018
Spro, Alice	Horror Movies & Heart Rates	BS012
Stabolepszy, Karlee	The effect of Multi-Purpose Cleaner on Bacteria	MH045
Taveras, Jeremie	PVC Pipe Potato Cannon	PA046
Thomas, Sara	The Effect of Dandelion Oil VS The Effect of Sunscreen at Protecting Human Skin	MH026
Thomas-Rivera, Shanayah	The Effect of Substances on Hair	MH022
Toal, Lydia	The Effect of Different Types of Meteorites on Salt, Mineral and PH Levels of Water	PA017
Toal, Seth	The Effect of Protein on Fingernail Growth	MH033
Tramos, Madden	The Effect of Darkness on the Perception of Color	MH036
Troy, Ryan	The Effect of Instrumental vs Lyrical Music on a Person's Mood	BS025
Valeriano, Amani	The Effect of Screen Time on Hours of Sleep	BS008
Vallejo, Jaslene	Effect of Interacting with Animals on a Persons Heart Rate	MH020
Vazquez, Carlos	AI Art Sci-fare	BS030
Washington, Aisosa	The Effect of Water Purifiers on Bacteria in Pond Water	EE014
Weaver, Olivia	The Effect of a Human's Ability to Smell Difference Between Artificial vs. Real Scents	BS031
Weaver, Ryan	Effects of Types of Baseball Bats on Exit Velocity	PA035
Weyandt, Connie	How Salt Affects the Rate at Which Water Boils	CH019
Wloczewski, Alyssa	Bug Spray Vs. Vitamin C - Immune or Not	EE015
Yarosz, Juliet	The Effect of Water Consumption on Energy Levels in a Human	MH024

Governor Mifflin Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Kerschner, Kaitlyn	Pest-Oh: Changing Perceptions on Edible Bugs as a Sustainable Food Source	8N033

Holy Guardian Angels

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Achenbach, Leah	Beast Of the Yeast	6N021
Bray, Riley	What is the Most Effective Way to Make Bananas Last the Longest?	8N039
Kroenig, Collin	Are Dice Really Random?	7P037
Landis, Ariana	Which Energy Drink Has the Most Electrolytes	8P044
Sharer, Matthew	Which Dissolves Faster: Sour Skittles or Regular Skittles?	8P038

LaSalle Academy

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Basehoar, Catherine	Runaway Runoff	7P034
Brintzenhoff, Lyla	Fast Flames: Which Materials Can Successfully Put Out a Fire the Fastest	8P039
Brower, Mae	Name Brand Diapers vs. Generic	6P014
Burt, Ari	OOPS!	7P033
Cannon, Abigail	The Wonders of Windchill	7P032
Cartin, Penny	The Stroop Effect	6N012
Draper, Kohen	How Series and Parallel Circuits Differ	6P015
Esterly, Lillian	Is Our Brain Tricking Us?	6P016
Fries, Lydia	Host Plant Happiness	7N046
Hendrix, Christian	Videogames Friend or Foe	7P031
Hoke, Madison	How Dirty Is a Coin?	6P017
John, Awele	Fast Energy	7P036
Karwejna, Lucas	Burning Calories	8P011
Morrissey, Tessa	Knotty Hair	6P018
Musallam, Giavanna	Fingerprint Patterns	7N047
Orient, Kevin	Marshmallows vs Liquids	8P013
Reinard, Juliana	Carnation Experimentation	6N014
Ritter, Jack	Got Germz...	7P035
Rodriguez, Chase	Fizz Quiz	8P012
Rodriguez, Emma	Rainbow of Emotions	6N015
Schrenk, Luke	Fuel Your Fitness	8P010
Wise, Jonathan	Grow Mold	7N045
Zhingre-Kelly, Suannabelle	Got Worms?	6N013

Muhlenberg High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Castiglioni, Sophia	The Connection Between Personality and Motorsport	BS005
Evans, Samson	"Getting Hooked" on Eco-friendly fishing	EE002
Gahuancela, Dana	Intensity of Light Through the Filters	PA010
Heffner, Alaina	SeaSack	EE032
Henly, Dalhendji	A Dancers Best Companion: The Hydrogel	MH003
Houser, Joan	Ocean Acid Affects Shells	EE008
Kemp, Keira	Investigating Preconceived Opinions of the LGBT Community	BS042
Koch, Skyler	Bio-luminescent Algae and Light Pollution	EE027
Maftai, Matthias	VOCs Contaminate Water: Could They Cause Cancer?	MH002
Markwood, David	Productivity Predicted by Peppermint Oil	BS003
Moyer, Hayley	Simplifying the Sunset	CH024
Moyer, Maddox	Turning Chitin into a Biodegradable Electrolyte	CH027

Perez, Cadence	Earth's Burning Question	EE007
Rahn, Andrew	Different Mute Affects the Sound on Trumpet	PA011
Ramkissoon, Nathan	United States of Pollution	MC005
Setley, Kayla	Genders' View on Female Beauty	BS040
Wolf, Leia	Magnetite Makes Brains Change	EE003
Yoder, Kayla	Weathering on Gravestones	EE029

Muhlenberg Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Crafton, Avrie	How Do the Different Types of Crystals Form to Be Unique?	8N036
Dieter, Morgan	Paper Chromatography: What Makes Those Colors?	7P028
DiStefano, Alexander	Cap Splash Bash the Competition	7N044
DiStefano, Amabelle	Do Houseplants Affect Air Quality?	BO009
Djevharian, Noah	A Better Way to Salt your Driveway	8P007
Eckert, Tyler	What Outdoor Paint Works the Best on Wood?	8P036
Helman, Addison	Grass Seed & Soil, Does It Matter?	7N043
Moore, Kara	Powdered By U.V.	8N042
Schmehl, Christian	H2O or H2No	8N038
Weidenhammer, Logan	The Egg-Speriment	7P029

Sacred Heart School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Cirandine, Ilaria	Liquid Booster	8P045
Morales, Niyah	How Do Different Liquids Affect Plant Growth	8N048
Abreu, Calista	Sunlight on Plants	7N050

Saint Catharine of Siena School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Acevedo-Moloo, Asa-henry	Is It Toxic	7N033
Borrell, Gabrielle	What Substitute Flour Makes the Heaviest Muffin?	7N036
Dolan, Liam	Catching Fish!	7P013
Drumheller, Colton	Hydration Station	7N011
Evans, Noelle	Which Popcorn Brand Pops the Most Unpopped Kernels	7N035
Femino, Whitney	Memory Madness	7N012
Foreman, Vera	Sticky Situations	6P008
Gonzalez, Chase	What Gum Flavor Lasts the Longest	7N039
Gonzalez, Logan	Which Battery Brand Will Last the Longest	7P023
Grande, Maxamillian	The Strongest Material	7P025
Guarino, Michaelena	Bye Bye Makeup	7N034
Hirneisen, Emily	Ahh! How Sudden Sound Affects Heart Rate	7N014
Kurtas, John	Wave Power	7P026
Lin, Selina	Does Age Affect Your Reaction Time?	6N007
Linderman, Luke	How Color Affects Memory	7N038
Lutz, Emmitt	Let It Burn	7P024
Mace, Mason	Which lure catches the most fish?	7N040
Martinez, Jayvien	What Chocolate Melts the Fastest?	7N041

Miller, Preston	Tearing the Paper Industry	7P012
Perez, Anelfy	Cheesiest Mac N Cheese	7N037
Robinson, Mackenzie	I Collect Spores, Mold and Fungus	7N013
Schmehl, Jacob	Flash!	7P011
Scott, Cameron	Let it Burn	7N017
Tanaka, Kirra	Weight Before Measure: Does a battery's weight predict how long it lasts	6P004
Tanaka, Maddox	How Does Gelatin Affect the Refraction of Light	8P002
Tomaszewski, Michael	How Fast Can You React to the Flash?	7N015
Vu, Viet	Testing the Antibacterial Activity of Green Tea	7N016

St. Ignatius Loyola School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Bradley, Sophia	Just Grow It	8N045
Hauser, Sarah	Wood Strength Variation	8P003
Huntley, Jillian	Rainbow Fire	8P042
Linderman, Katy	What Melts Ice the Fastest?	8P041
Mensingher, Lilli	The Physics of Follow-Through: How Much Farther Can the Ball Travel?	8P019
Newschwanger, Peyton	Will it Dye?	8N043
Perlman, Rosie	Pyrolyze and Fertilize: Does Biochar Benefit Plant Growth?	8N047
Sebastian, Emily	Does Costume Jewelry Contain Lead?	8P043
Tomsho, Abigail	Which Product Is Best to Minimize Bacteria On Hands?	8N046
Zudie, Esperanza	Which drink has the most sugar?	7P038

The King's Academy (Junior Division)

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Gollapalli, Vikrant	Soil Erosion Invasion	6N006
Jimenez, Jacob	Solute and Crystals	8P020
Rhoads, Danica	Gender Reveal	8N034
Schwartz, Wyatt	Hydroponics Water Sources	8N035
Skelly, Aria	Toy Frenzy	6P009
Stricker, Rachel	Does Protein Content Affect Chick Growth?	6N004
Zimmerman, Ellie	Successful Succulents	6N005

The King's Academy (Senior Division)

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Le, Abigail	Sugar Rush	CH020
Roberts, Angelo	RC Madness	PA042
Wiand, Gabriel	Familiarity of Surroundings and Sleep Quality	MH034
Yoder, Calvin	The Effect of Sulfur Concentration on Onion Pungency	BO025

Wilson High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Aman, Calia	What Affects an Object's Natural Frequency?	PA001
Hinkle, Paige	Experiments to Determine Effectiveness of Mitigation Options on Radon	EE033
Mochon, Jakub	Using Mold to Find the Amount of Preservatives in Bread	CH016

Nayak, Adi	Mobile Hospital: Building a Better Future with Quick Emergency Relief	EN005
Sridhar, Sindura	Iron Deficiency Anemia: A New Supplement for Fortified Foods	CH028

Wilson Southern Middle School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Aman, Tyler	Most Effective Electromagnet	7P030
Brunsting, Caroline	Nothing But Net!!!	6P012
Chen, Grace	Adhesive Durability	8P021
Funk, Alannah	The Genetics of Half Siblings (How Alike Are They?)	8P034
Hothi, Sumreiyne	Spherification	8P024
Kallay, Mamady	Effect of Temperature on the Fermentation of Yeast	8P025
Marshall, Brandon	Maglev Construction	8P030
Marshall, Jalen	Erosion	8N044
McCracken, Jonah	Biodegradable Plastic Durability	8P040
Nasereddin, Salma	Electric Current in Common Fruits	8P027
Roman, Nayeliz	The Chemistry of Cold Packs	8P035
Shogbesan, Enioto	Effect of Type of Flour on Rise in Cupcakes	8P023
Simotas, Zachary	Steam Boxer Engine	6P022
Smith, Danielle	Globular Clusters Determining the Age of the Universe	8P028
Templeton, Sidni	Impact: Space Debris and Space Travel	8P026
Turtell, Branden	Bridge Strength	8P031
Wall-Weaver, LaRissa	Effect of Leavening Agents	8P022
Winchester, Colin	The Effect of Color of Water on Heat Absorption	8P032
Wolbach, Jessica	LED enlightenment	8P029

Daniel Boone High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Miller, Grant	Color Vision Deficiency In E-Sports	BS004

Home School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Lu, Nicholas	Predictive Analysis of Invasive Plant Species	BO027

Schuylkill Valley High School

<u>Student</u>	<u>Title</u>	<u>Exhibit #</u>
Miller, Grant	Color Vision Deficiency In E-Sports	BS004

Category Award Judges

Category Award Judge	Employer
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Mrs. Kate Kilpatrick	Retired
Mrs. Nancy O'Leary	East Penn Manufacturing Co.
Mrs. Kathryn Shaffer	Budget Maintenance
Mr. Mike Balla	N/A
Dr. David Hinkle	Retired
Mr. Dan Kacsur	Burns & McDonnell Engineering/FirstEnergy
Mr. Ivan Uquillas	Retired
Mrs. Eleanor Albright	Boyer Engineering LLC
Mr. Brian Boyer	Retired
Mrs. Anita Harrison	Retired
Mr. Nick Hemmerich	Retired
Mr. George Saltzman	Centaurus financial
Mr. James Brady	STV Incorporated
Mr. Michael Marcellus	Retired
Mr. Jeffrey Shearer	Retired
Dr. Audrey Smeltzer-Schwab	Muhlenberg High School
Mr. Mark DeMay	Burns & McDonnell
Ms. Kelly Grube	FirstEnergy
Mr. Ronald Keating	Retired
Ms. Tracy Rice	Terraqueous Management & Research Group
Dr. Bren Cole	Carpenter Technology Corporation
Mr. Jesse Murphy	East Penn MFG.
Mr. Andrew Riegel	Carpenter Technology
Mr. George Terefenko	MaxLinear
Mr. Devon Kline	Carpenter Technology Corp
Mr. Fredrick Odoyo Ondiek	School
Ms. Victoria Zimmerman	Currently Not Employed
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Mrs. Patti Farrell	Retired
Mrs. Joan Jepsen-Burger	Retired
Mrs. Aubrie VanBritsom	Jim Thorpe Area School District
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Mr. Matthew Boggs	Entech Engineering, Inc.
Ms. Alexis Cornwall	Suburban Testing Labs
Mr. Rodney Simonetti	Recently retired from WorleyParsons
Mr. Stephen Snyder	UGI Utilities Inc.
Mr. Casey Ivins	Microchip Technology Inc
Mr. Chris Rickert	Worley
Mr. Andrew Bielecki	UGI Utilities

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Reading Area Community College / Arthritis &
Joint Replacement Ctr of Reading / Limelight
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Ms. Courtney Fichthorn

Retired

Mr. John Leiby

Retired

Dr. Keith Minnich

Ms. Erin Reagan

University of Pennsylvania

Mr. James Harrison

Management Applications (Ret.)

Mr. Charles Lentz

Retired Educator

Mr. James Noel

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Albright College

Ms. Kelsey Schwenk

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Ms. Frances Wade-Whittaker

Prescient Healthcare Group

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Dr. Deborah Bevvino
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Sgt. Keith Frantz
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Mr. John Gatehouse
Mr. Michael Gerhart
Mrs. Rose Gerhart
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Ms. Sarah Hosler
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Mr. Chris Kline
Dr. Tom Krutsick
Ms. Lauren Minnich
Mr. Craig Nagler
Mr. Robert Novak
Mr. Jeff Overstreet
Dr. Lisa Peterson
Mr. Erik Peterson-Smith
Mr. Greg Przyjemski
Mr. John Ravert
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AWARDS

Greg Przyjemski

JUDGING

Chris Rickert

DEVELOPMENT and FUNDING

Greg Przyjemski

MARKETING AND BRANDING

Michelle Ehrhart

EXHIBITS

Terry Trumbauer

SCIENTIFIC REVIEW BOARD (SRC)

Michael Gerhart (Chair)
Robert Novak
John Gerhart

FINANCE

Robin Hewston

STUDENT ASSISTANTS

Noemia Iordanescu (Intern)
Camelia Iordanescu (Intern)
Braedon Miller

ISEF WINNERS

Bill Heffner
Jerry Levkoff
Greg Przyjemski

SPONSORING TEACHERS

Berks Catholic High School

Berry, Kelly

Conrad Weiser HS

Siefert, John

Conrad Weiser Middle School

Esser, Matt

Kissling, Phleane

Moraski, Ryan

Snyder, Kelly

Governor Mifflin High School

Stinson, Jennifer

Zenie, William

Azzarello, Melissa

Holy Guardian Angels

Mikucki, Coleen

LaSalle Academy

Galley, Richard

Muhlenberg High School

Smeltzer-Schwab, Audrey

Muhlenberg Middle School

Evans, Chris

Saint Catharine of Siena School

Lavanga, Kathy

Saint Ignatius Loyola School

Filer, Kimberly

The King's Academy

Hewston, Robin

Wilson High School

Melograna, Joseph

Wilson Southern Middle School

Cockrum, Cindy

Daniel Boone

Godfrey, Dana

Home School

Ng, Pamela

Total Experience Learning at Albright College

Sarah Hosler

Science Fair Participants by Project

Junior Division

Number	Student Name	School
<u>6th Grade Natural Science</u>		
6N001	Miller, Piper	Conrad Weiser Middle School
6N002	Bruno, Kayleigha	Conrad Weiser Middle School
6N003	Schumacher, Lillian	Conrad Weiser Middle School
6N004	Stricker, Rachel	The King's Academy
6N005	Zimmerman, Ellie	The King's Academy
6N006	Gollapalli, Vikrant	The King's Academy
6N007	Lin, Selina	Saint Catharine of Siena School
6N008	Brant, Gwyneth	Conrad Weiser Middle School
6N009	Krick, Alexis	Conrad Weiser Middle School
6N010	Rice, Ilina	Conrad Weiser Middle School
6N011	Kofsky, Ava	Conrad Weiser Middle School
6N012	Cartin, Penny	LaSalle Academy
6N013	Zhingre-Kelly, Suannabelle	LaSalle Academy
6N014	Reinard, Juliana	LaSalle Academy
6N015	Rodriguez, Emma	LaSalle Academy
6N017	Flores, Aydyn	Conrad Weiser Middle School
6N018	Schott, Liam	Conrad Weiser Middle School
6N019	Stoy, Kellen	Conrad Weiser Middle School
6N020	Siani, Vivienne	Conrad Weiser Middle School
6N021	Achenbach, Leah	Holy Guardian Angels
6N022	Rump, Angelika	Conrad Weiser Middle School
<u>6th Grade Physical Science</u>		
6P001	Rhyder, Haylee	Conrad Weiser Middle School
6P002	Dawson, Liam	Conrad Weiser Middle School
6P003	Kennedy, Michael	Conrad Weiser Middle School
6P004	Tanaka, Kirra	Saint Catharine of Siena School
6P005	Bender, Colin	Conrad Weiser Middle School
6P006	Baker, Jackson	Conrad Weiser Middle School
6P007	Lefler, Bryant	Conrad Weiser Middle School
6P008	Foreman, Vera	Saint Catharine of Siena School
6P009	Skelly, Aria	The King's Academy
6P010	Masi, Peyton	Conrad Weiser Middle School
6P011	Misiti, Chiara	Conrad Weiser Middle School
6P012	Brunsting, Caroline	Wilson Southern Middle School
6P013	Himmelberger, Evan	Conrad Weiser Middle School
6P014	Brower, Mae	LaSalle Academy
6P015	Draper, Kohen	LaSalle Academy
6P016	Esterly, Lillian	LaSalle Academy
6P017	Hoke, Madison	LaSalle Academy

6P018	Morrissey, Tessa	LaSalle Academy
6P019	Meredith, Liam	Conrad Weiser Middle School
6P020	Marburger, Abigail	Conrad Weiser Middle School
6P021	Nakonecznyj, Nathan	Conrad Weiser Middle School
6P022	Simotas, Zachary	Wilson Southern Middle School
6P023	Wilson, Jackson	Conrad Weiser Middle School

7th Grade Natural Science

7N001	Neider, Scarlet	Conrad Weiser Middle School
7N002	Marquez, Florencia	Conrad Weiser Middle School
7N003	Rice, Sawyer	Conrad Weiser Middle School
7N004	Mortland, Cambria	Conrad Weiser Middle School
7N005	Hunt, Miles	Conrad Weiser Middle School
7N006	Feeg, Haden	Conrad Weiser Middle School
7N007	Harlow, Lynkyn	Conrad Weiser Middle School
7N008	Martinez, Desirae	Conrad Weiser Middle School
7N009	Parham, Devon	Conrad Weiser Middle School
7N010	Owens, Michael	Conrad Weiser Middle School
7N011	Drumheller, Colton	Saint Catharine of Siena School
7N012	Femino, Whitney	Saint Catharine of Siena School
7N013	Robinson, Mackenzie	Saint Catharine of Siena School
7N014	Hirneisen, Emily	Saint Catharine of Siena School
7N015	Tomaszewski, Michael	Saint Catharine of Siena School
7N016	Vu, Viet	Saint Catharine of Siena School
7N017	Scott, Cameron	Saint Catharine of Siena School
7N018	Harting, Mason	Conrad Weiser Middle School
7N019	Emmel, Olivia	Conrad Weiser Middle School
7N020	Lewis, Josephine	Conrad Weiser Middle School
7N022	Orth, Marly	Conrad Weiser Middle School
7N023	Rohrbach, Andrew	Conrad Weiser Middle School
7N026	Baxter, Elliot	Conrad Weiser Middle School
7N027	Speicher, Gabriel	Conrad Weiser Middle School
7N028	Kohl, Meadow	Conrad Weiser Middle School
7N029	Rankin, Kaylee	Conrad Weiser Middle School
7N030	Stoica, Natalie	Conrad Weiser Middle School
7N031	Gelsinger, Sarah	Conrad Weiser Middle School
7N032	Kauffman, Chase	Conrad Weiser Middle School
7N033	Acevedo-Moloo, Asa-henry	Saint Catharine of Siena School
7N034	Guarino, Michaelena	Saint Catharine of Siena School
7N035	Evans, Noelle	Saint Catharine of Siena School
7N036	Borrell, Gabrielle	Saint Catharine of Siena School
7N037	Perez, Anelfy	Saint Catharine of Siena School
7N038	Linderman, Luke	Saint Catharine of Siena School
7N039	Gonzalez, Chase	Saint Catharine of Siena School
7N040	Mace, Mason	Saint Catharine of Siena School
7N041	Martinez, Jayvien	Saint Catharine of Siena School

7N042	Baluta, Kamden	Conrad Weiser Middle School
7N043	Helman, Addison	Muhlenberg Middle School
7N044	DiStefano, Alexander	Muhlenberg Middle School
7N045	Wise, Jonathan	LaSalle Academy
7N046	Fries, Lydia	LaSalle Academy
7N047	Musallam, Giavanna	LaSalle Academy
7N048	Wright, Jayden	Sacred Heart School
7N050	Abreu, Calista	Sacred Heart School

7th Grade Physical Science

7P001	Farrow, Anttonio	Conrad Weiser Middle School
7P002	Sattazahn, Presley	Conrad Weiser Middle School
7P003	Sweigart, Chase	Conrad Weiser Middle School
7P004	Shaffer, Kaitlyn	Conrad Weiser Middle School
7P005	Hitchcock, Abigail	Conrad Weiser Middle School
7P006	Dobbs, James	Conrad Weiser Middle School
7P007	Ulrich, Vaughn	Conrad Weiser Middle School
7P008	Smith, Sonja	Conrad Weiser Middle School
7P009	Miller, Austin	Conrad Weiser Middle School
7P010	Robison, Lyla	Conrad Weiser Middle School
7P011	Schmehl, Jacob	Saint Catharine of Siena School
7P012	Miller, Preston	Saint Catharine of Siena School
7P013	Dolan, Liam	Saint Catharine of Siena School
7P014	Miller, Logan	Conrad Weiser Middle School
7P015	Santoro, Gabriella	Conrad Weiser Middle School
7P016	Seidel, Jordan	Conrad Weiser Middle School
7P017	boyer, willow	Conrad Weiser Middle School
7P018	Mohn, Damon	Conrad Weiser Middle School
7P019	Niculcea, Lucas	Conrad Weiser Middle School
7P020	Smith, Autumn	Conrad Weiser Middle School
7P021	Bieber, Bruce	Conrad Weiser Middle School
7P022	Shade, Nora	Conrad Weiser Middle School
7P023	Gonzalez, Logan	Saint Catharine of Siena School
7P024	Lutz, Emmitt	Saint Catharine of Siena School
7P025	Grande, Maxamillian	Saint Catharine of Siena School
7P026	Kurtas, John	Saint Catharine of Siena School
7P027	Harting, Lincoln	Conrad Weiser Middle School
7P028	Dieter, Morgan	Muhlenberg Middle School
7P029	Weidenhammer, Logan	Muhlenberg Middle School
7P030	Aman, Tyler	Wilson Southern Middle School
7P031	Hendrix, Christian	LaSalle Academy
7P032	Cannon, Abigail	LaSalle Academy
7P033	Burt, Ari	LaSalle Academy
7P034	Basehoar, Catherine	LaSalle Academy
7P035	Ritter, Jack	LaSalle Academy
7P036	John, Awele	LaSalle Academy

7P037	Kroenig, Collin	Holy Guardian Angels
7P038	Zudie, Esperanza	Saint Ignatius Loyola School

8th Grade Natural Science

8N001	Snyder, Macy	Conrad Weiser Middle School
8N002	Pedraza, Amaya	Conrad Weiser Middle School
8N003	Whitehead, Raegan	Conrad Weiser Middle School
8N004	Zerbe, Olivia	Conrad Weiser Middle School
8N005	Shannon, Leah	Conrad Weiser Middle School
8N006	Bossler, Dylan	Conrad Weiser Middle School
8N007	Swist, Makenna	Conrad Weiser Middle School
8N008	Sena, Aria	Conrad Weiser Middle School
8N009	Metzger, Ruthanne	Conrad Weiser Middle School
8N010	Thomason, Jaide	Conrad Weiser Middle School
8N011	Muraira, Shawn	Conrad Weiser Middle School
8N012	Mortland, Payson	Conrad Weiser Middle School
8N013	Arnold, Emily	Conrad Weiser Middle School
8N014	Berger, Skylir	Conrad Weiser Middle School
8N015	Palumbo, Aidan	Conrad Weiser Middle School
8N016	Espinosa, Daphne	Conrad Weiser Middle School
8N017	El Gendy, Lena	Conrad Weiser Middle School
8N018	Walter, Luke	Conrad Weiser Middle School
8N019	Giffing, Robert	Conrad Weiser Middle School
8N020	Smith, Gabriel	Conrad Weiser Middle School
8N021	Martino, Aleena	Conrad Weiser Middle School
8N022	Suglia, Chase	Conrad Weiser Middle School
8N023	Callahan, Luke	Conrad Weiser Middle School
8N025	Krow, Kyle	Conrad Weiser Middle School
8N026	Ciemiewicz, Madelyn	Conrad Weiser Middle School
8N027	Conlon, Silvia	Conrad Weiser Middle School
8N028	Clabaugh, Noelle	Conrad Weiser Middle School
8N029	Lowery, Ava	Conrad Weiser Middle School
8N030	Fiscus, Aiden	Conrad Weiser Middle School
8N031	Walker, Ke'Ziah	Conrad Weiser Middle School
8N032	Hernanadez, Josean	Conrad Weiser Middle School
8N033	Kerschner, Kaitlyn	Governor Mifflin Middle School
8N034	Rhoads, Danica	The King's Academy
8N035	Schwartz, Wyatt	The King's Academy
8N036	Crafton, Avrie	Muhlenberg Middle School
8N037	Fall, Adji	Conrad Weiser Middle School
8N038	Schmehl, Christian	Muhlenberg Middle School
8N039	Bray, Riley	Holy Guardian Angels
8N041	Steffy, Elizabeth	Conrad Weiser Middle School
8N042	Moore, Kara	Muhlenberg Middle School
8N043	Newswanger, Peyton	Saint Ignatius Loyola School
8N044	Marshall, Jalen	Wilson Southern Middle School

8N045	Bradley, Sophia	Saint Ignatius Loyola School
8N046	Tomsho, Abigail	Saint Ignatius Loyola School
8N047	Perlman, Rosie	Saint Ignatius Loyola School
8N048	Morales, Niyah	Sacred Heart School

8th Grade Physical Science

8P001	Meredith, Owen	Conrad Weiser Middle School
8P002	Tanaka, Maddox	Saint Catharine of Siena School
8P003	Hauser, Sarah	Saint Ignatius Loyola School
8P004	Guevara, Abigail	Conrad Weiser Middle School
8P005	Manbeck, Megan	Conrad Weiser Middle School
8P006	Angstadt, Landon	Conrad Weiser Middle School
8P007	Djevharian, Noah	Muhlenberg Middle School
8P008	Keppley, Tyler	Conrad Weiser Middle School
8P009	Kase, Ryan	Conrad Weiser Middle School
8P010	Schrenk, Luke	LaSalle Academy
8P011	Karwejna, Lucas	LaSalle Academy
8P012	Rodriguez, Chase	LaSalle Academy
8P013	Orient, Kevin	LaSalle Academy
8P014	Behney, George	Conrad Weiser Middle School
8P015	Feliz, Austin	Conrad Weiser Middle School
8P016	Bartolo, Logan	Conrad Weiser Middle School
8P017	Blanchard, Avari	Conrad Weiser Middle School
8P018	O'Riordan, Madolynn	Conrad Weiser Middle School
8P019	Mensingher, Lilli	Saint Ignatius Loyola School
8P020	Jimenez, Jacob	The King's Academy
8P021	Chen, Grace	Wilson Southern Middle School
8P022	Wall-Weaver, LaRissa	Wilson Southern Middle School
8P023	Shogbesan, Enioto	Wilson Southern Middle School
8P024	Hothi, Sumreiyne	Wilson Southern Middle School
8P025	Kallay, Mamady	Wilson Southern Middle School
8P026	Templeton, Sidni	Wilson Southern Middle School
8P027	Nasereddin, Salma	Wilson Southern Middle School
8P028	Smith, Danielle	Wilson Southern Middle School
8P029	Wolbach, Jessica	Wilson Southern Middle School
8P030	Marshall, Brandon	Wilson Southern Middle School
8P031	Turtell, Branden	Wilson Southern Middle School
8P032	Winchester, Colin	Wilson Southern Middle School
8P034	Funk, Alannah	Wilson Southern Middle School
8P035	Roman, Nayeliz	Wilson Southern Middle School
8P036	Eckert, Tyler	Muhlenberg Middle School
8P038	Sharer, Matthew	Holy Guardian Angels
8P039	Brintzenhoff, Lyla	LaSalle Academy
8P040	McCracken, Jonah	Wilson Southern Middle School
8P041	Linderman, Katy	Saint Ignatius Loyola School
8P042	Huntley, Jillian	Saint Ignatius Loyola School

8P043	Sebastian, Emily	Saint Ignatius Loyola School
8P044	Landis, Ariana	Holy Guardian Angels
8P045	Cirandine, Ilaria	Sacred Heart School
8P046	kuennen, william	Conrad Weiser Middle School

Senior Division

Number	Student Name	School
<u>9th-12th Grades Botany</u>		
BO001	DiPasquale, Gianna	Governor Mifflin High School
BO002	Curley, Aidan	Berks Catholic High School
BO003	Cubas, Emmanuel	Berks Catholic High School
BO004	Strock, Dylan	Berks Catholic High School
BO005	Junikiewicz, Ava	Berks Catholic High School
BO006	Schmehl, Peter	Berks Catholic High School
BO007	Walls, Dillon	Berks Catholic High School
BO008	Ruiz-Ravelo, Jadee	Berks Catholic High School
BO009	DiStefano, Amabelle	Muhlenberg Middle School
BO010	Kantner, Chloe	Berks Catholic High School
BO011	Gechter, Kamella	Conrad Weiser High School
BO012	Reiter, Aden	Governor Mifflin High School
BO013	Pagan, Zamayra	Governor Mifflin High School
BO014	Kreiser, Carly	Conrad Weiser High School
BO015	Rabold, Ashlen	Governor Mifflin High School
BO016	Gonzalez, Isarel	Governor Mifflin High School
BO017	Sites, connor	Governor Mifflin High School
BO018	Miller, Serina	Governor Mifflin High School
BO019	Shaffer, Bradyn	Governor Mifflin High School
BO020	Morrow, Ariana	Governor Mifflin High School
BO021	Foster, Kirei	Governor Mifflin High School
BO022	Harris, Evan	Governor Mifflin High School
BO023	Cruz, Mariyah	Governor Mifflin High School
BO024	Gall, Kaylee	Governor Mifflin High School
BO025	Yoder, Calvin	The King's Academy
BO026	Logozzo, Isabella	Berks Catholic High School
BO027	Lu, Nicholas	Home School
BO028	Gibbs, Ariana	Governor Mifflin High School

9th-12th Grades Behavioral and Social Sciences

BS001	Kesselring, Lisa	Conrad Weiser High School
BS002	Brant, Dahlia	Conrad Weiser High School
BS003	Markwood, David	Muhlenberg High School
BS004	Miller, Grant	Schuylkill Valley High
BS005	Castiglioni, Sophia	Muhlenberg High School
BS006	Gontarz, Gillian	Berks Catholic High School
BS007	Krajsa, Parker	Berks Catholic High School

BS008	Valeriano, Amani	Governor Mifflin High School
BS009	Perate, Rocco	Berks Catholic High School
BS010	Diaz, Genesis	Governor Mifflin High School
BS011	Gonzalez, Janisse	Governor Mifflin High School
BS012	Sprow, Alice	Governor Mifflin High School
BS013	Barber III, John	Governor Mifflin High School
BS014	Rumberger, Avery	Governor Mifflin High School
BS015	Ainge, Charles	Governor Mifflin High School
BS016	Seifrit, Lipuo	Governor Mifflin High School
BS017	Leflar, Ben	Governor Mifflin High School
BS018	Alexis, Gabriellah	Governor Mifflin High School
BS019	Martinez-Nunez, Glismeisy	Governor Mifflin High School
BS020	Martinez, Sebastian	Governor Mifflin High School
BS021	Siltzer, Kayla	Governor Mifflin High School
BS022	Eckert, Lucas	Governor Mifflin High School
BS023	Paige, Caitlin	Governor Mifflin High School
BS024	Hickey, Chase	Governor Mifflin High School
BS025	Troy, Ryan	Governor Mifflin High School
BS026	Shaffer, Spencer	Governor Mifflin High School
BS027	Rogers, Aisha	Governor Mifflin High School
BS028	Fream, Cora	Governor Mifflin High School
BS029	Long, Olivia	Governor Mifflin High School
BS030	Vazquez, Carlos	Governor Mifflin High School
BS031	Weaver, Olivia	Governor Mifflin High School
BS032	Oxenreider, Austin	Governor Mifflin High School
BS033	Rowe, Gavin	Governor Mifflin High School
BS034	Rodriguez, Michelle	Governor Mifflin High School
BS035	DeFreece, Devin	Governor Mifflin High School
BS036	Albera, Autumn	Governor Mifflin High School
BS037	Fulk, Alivia	Governor Mifflin High School
BS038	Pagan, Elias	Governor Mifflin High School
BS039	Buerke, Grace	Berks Catholic High School
BS040	Setley, Kayla	Muhlenberg High School
BS041	Kovacs, Natalie	Governor Mifflin High School
BS042	Kemp, Keira	Muhlenberg High School
BS043	Perez, Nathanael	Governor Mifflin High School

9th-12th Grades Chemistry

CH002	Hyneman, Garrett	Governor Mifflin High School
CH003	Gallagher, Bryanna	Berks Catholic High School
CH004	Dempster, Cailin	Berks Catholic High School
CH005	Bookser, Sadie	Berks Catholic High School
CH006	Kopinski, David	Berks Catholic High School
CH007	Cress, Gwenivere	Berks Catholic High School
CH008	Miller, Hannah	Berks Catholic High School
CH009	Drumheller, Micah	Berks Catholic High School
CH010	Nguyen, Andy	Berks Catholic High School

CH011	Dugan, Payton	Berks Catholic High School
CH012	Peffley, Mackenzie	Berks Catholic High School
CH013	Pascuzzi, Maria	Berks Catholic High School
CH014	Readinger, Blake	Berks Catholic High School
CH015	Reali, Sophia	Berks Catholic High School
CH016	Mochon, Jakob	Wilson High School
CH017	Gallery, Ryan	Governor Mifflin High School
CH018	Kauffman, Gavin	Governor Mifflin High School
CH019	Weyandt, Connie	Governor Mifflin High School
CH020	Le, Abigail	The King's Academy
CH021	Kurowski, Cassidy	Governor Mifflin High School
CH022	Montijo, Anel	Governor Mifflin High School
CH023	Coffin, Kellan	Governor Mifflin High School
CH024	Moyer, Hayley	Muhlenberg High School
CH026	Gordos, Madelyn	Berks Catholic High School
CH027	Moyer, Maddox	Muhlenberg High School
CH028	Sridhar, Sindura	Wilson High School

9th-12th Grades Earth and Environment

EE001	Robinson, Abby	Conrad Weiser High School
EE002	Evans, Samson	Muhlenberg High School
EE003	Wolf, Leia	Muhlenberg High School
EE004	Sobota, Ryan	Berks Catholic High School
EE005	Peticca, Cole	Berks Catholic High School
EE006	Savage, Jada	Conrad Weiser High School
EE007	Perez, Cadence	Muhlenberg High School
EE008	Houser, Joan	Muhlenberg High School
EE009	Miller, Finnegan	Conrad Weiser High School
EE010	Bang, Seohyeon	Wyomissing High School
EE011	Brown, Briana	Governor Mifflin High School
EE012	Jackson, Aaren	Governor Mifflin High School
EE013	Lopez Acosta, Valerie	Governor Mifflin High School
EE014	Washington, Aisosa	Governor Mifflin High School
EE015	Wloczewski, Alyssa	Governor Mifflin High School
EE016	Bereschak, Gavin	Governor Mifflin High School
EE017	DeMatteo, Olivia	Governor Mifflin High School
EE018	DeLoretta, Lillyanne	Governor Mifflin High School
EE019	Klopp, Mason	Governor Mifflin High School
EE020	Baessler, MaKenna	Governor Mifflin High School
EE021	Morin, Michelle	Governor Mifflin High School
EE022	Burkey, Serena	Berks Catholic High School
EE024	DeLoretta, Grant	Governor Mifflin High School
EE025	Hertzog, Lindsay	Governor Mifflin High School
EE026	Bowman, Maria	Governor Mifflin High School
EE027	Koch, Skylee	Muhlenberg High School
EE028	Horack, Allie	Conrad Weiser High School

EE029	Yoder, Kayla	Muhlenberg High School
EE030	Devine, Allison	Berks Catholic High School
EE031	Neiswender, Kaden	Conrad Weiser High School
EE032	Heffner, Alaina	Muhlenberg High School
EE033	Hinkle, Paige	Wilson High School

9th-12th Grades Engineering

EN001	Yoder, Mallory	Berks Catholic High School
EN002	Ward, Michael	Berks Catholic High School
EN003	Morganti, Matthew	Berks Catholic High School
EN004	Impellizzeri, Grace	Berks Catholic High School
EN005	Nayak, Adi	Wilson High School
EN007	Burkard, James	Governor Mifflin High School
EN008	Labagh, Robert	Governor Mifflin High School
EN009	Rodriguez, Meghan	Governor Mifflin High School

9th-12th Grades Mathematics and Computers

MC001	Robinson, Brady	Conrad Weiser High School
MC002	Lachina, Andrew	Governor Mifflin High School
MC003	Rotkiske, Mars	Governor Mifflin High School
MC004	Roslin IV, Joseph	Governor Mifflin High School
MC005	Ramkissoon, Nathan	Muhlenberg High School

9th-12th Grades Medicine and Health

MH001	McGarrigle, Justin	Conrad Weiser High School
MH002	Maftei, Matthias	Muhlenberg High School
MH003	Henly, Dalhendji	Muhlenberg High School
MH004	McClure, Regan	Berks Catholic High School
MH005	Klinger, Madelyn	Berks Catholic High School
MH006	Wolf, Lily	Berks Catholic High School
MH007	Stringer, Braedan	Berks Catholic High School
MH008	Lawlor, Sadie	Berks Catholic High School
MH009	Achenbach, Hailey	Berks Catholic High School
MH010	Barbera, Prudence	Berks Catholic High School
MH011	Zoltack, Nicholas	Berks Catholic High School
MH012	Cunningham, Audrey	Berks Catholic High School
MH013	Luo, Christian	Berks Catholic High School
MH015	Johnson, Rianna	Governor Mifflin High School
MH016	Overley, Cameron	Governor Mifflin High School
MH017	Ruth, Laurelai	Governor Mifflin High School
MH018	Mittig, Nelia	Governor Mifflin High School
MH019	Remp, Mya	Governor Mifflin High School
MH020	Vallejo, Jaslene	Governor Mifflin High School
MH021	Nieves-Calderon, Yadirytza	Governor Mifflin High School
MH022	Thomas-Rivera, Shanayah	Governor Mifflin High School
MH023	Ferry, Teague	Governor Mifflin High School
MH024	Yarosz, Juliet	Governor Mifflin High School

MH025	Carrasco Liranzo, Joslin	Governor Mifflin High School
MH026	Thomas, Sara	Governor Mifflin High School
MH027	Boykin, Alex	Governor Mifflin High School
MH028	Craley, Clancy	Governor Mifflin High School
MH029	Leaf, Lebron	Governor Mifflin High School
MH030	Bonfadini, Daniel	Governor Mifflin High School
MH031	Ezard, Alanna	Governor Mifflin High School
MH032	Gauger, Aja	Governor Mifflin High School
MH033	Toal, Seth	Governor Mifflin High School
MH034	Wiand, Gabriel	The King's Academy
MH035	Lopez, Enrique	Governor Mifflin High School
MH036	Tramos, Madden	Governor Mifflin High School
MH037	Alexander, Addison	Governor Mifflin High School
MH038	O'Rourke, Nolan	Governor Mifflin High School
MH039	Ortiz, Skymar	Governor Mifflin High School
MH040	Gotay, Nisani	Governor Mifflin High School
MH041	Lattermann, Genevieve	Governor Mifflin High School
MH042	George, Armani	Governor Mifflin Middle School
MH043	Ferenz, Matthew	Daniel Boone High School
MH044	Gilbert, Collin	Berks Catholic High School
MH045	Stabolepszy, Karlee	Governor Mifflin High School
MH046	Weber, Abigail	Conrad Weiser High School
MH047	Tomsho, Ben	Berks Catholic High School

9th-12th Grades Physics and Astronomy

PA001	Aman, Calia	Wilson High School
PA002	Alvine, Nicolas	Berks Catholic High School
PA003	Schearer, Emily	Berks Catholic High School
PA004	Gilbert, Alexys	Berks Catholic High School
PA005	D'Angelo, Christopher	Berks Catholic High School
PA006	Campanella, Anthony	Berks Catholic High School
PA007	Sabatucci, Frank	Berks Catholic High School
PA008	McKeone, Aiden	Berks Catholic High School
PA009	Hearn, Kellie	Governor Mifflin High School
PA010	Gahuancela, Dana	Muhlenberg High School
PA011	Rahn, Andrew	Muhlenberg High School
PA012	Missimer, Noah	Governor Mifflin High School
PA013	Curry, Connor	Governor Mifflin High School
PA014	Miller, Larry	Governor Mifflin High School
PA015	Eshbach, Cohen	Governor Mifflin High School
PA016	Rivera, Nicholas	Governor Mifflin High School
PA017	Toal, Lydia	Governor Mifflin High School
PA018	smith, jaden	Governor Mifflin High School
PA019	Dinatale, Derek	Governor Mifflin High School
PA020	Durham, Mia	Governor Mifflin High School
PA021	Kintzer, Derek	Governor Mifflin High School

PA022	Pletz, Javien	Governor Mifflin High School
PA023	Cristurean, benjamin	Governor Mifflin High School
PA024	Manwiller, Jack	Governor Mifflin High School
PA025	Detwiler, Bryce	Governor Mifflin High School
PA026	O'Brien, Shaun	Governor Mifflin High School
PA027	Harle, Jaycob	Governor Mifflin High School
PA028	Leinweber, Carter	Governor Mifflin High School
PA029	Sea, Nolan	Governor Mifflin High School
PA030	Alvarez, Antonio	Governor Mifflin High School
PA031	Murray, Joe	Governor Mifflin High School
PA032	McHugh, Natalie	Governor Mifflin High School
PA033	Montgomery, Nicholas	Governor Mifflin High School
PA034	Quinn, Shawn	Governor Mifflin High School
PA035	Weaver, Ryan	Governor Mifflin High School
PA036	Kells, Alanorah	Governor Mifflin High School
PA037	Shepler, Luke	Governor Mifflin High School
PA038	Carl, Dawson	Governor Mifflin High School
PA039	Glucksnis, Evan	Governor Mifflin High School
PA040	Koenig, Lance	Governor Mifflin High School
PA041	Roberts, Erin	Governor Mifflin High School
PA042	Roberts, Angelo	The King's Academy
PA043	Antolini, Antonia	Berks Catholic High School
PA044	Miller, Owen	Governor Mifflin High School
PA046	Taveras, Jeremie	Governor Mifflin High School

9th-12th Grades Zoology

ZO001	Eveland, Blake	Berks Catholic High School
ZO002	PrechtI, Dane	Berks Catholic High School
ZO004	Baker, Aubrey	Conrad Weiser High School
ZO005	Bugay, Dominic	Governor Mifflin High School
ZO006	Fellenz, Molly	Governor Mifflin High School
ZO007	Jones, Eternity	Governor Mifflin High School
ZO008	Gehris, Laila	Governor Mifflin High School
ZO009	Lachina, John	Governor Mifflin High School
ZO010	Murray, Joseph	Governor Mifflin High School
ZO011	Lachina, Mark	Governor Mifflin High School
ZO012	Danciu, Tiberiu	Governor Mifflin High School
ZO013	Angstadt, Jessica	Governor Mifflin High School
ZO014	Eisenhower, Alanna	Governor Mifflin High School
ZO015	Hopkins, Ian	Governor Mifflin High School
ZO016	Gebhart, Kaitlyn	Governor Mifflin High School
ZO017	Persky, Grace	Governor Mifflin High School
ZO018	Shumaker, Angelina	Berks Catholic High School

SUMMARY OF ENTRIES BY CATEGORY

6N	22
6P	23
7N	50
7P	38
8N	48
8P	46
BO	28
BS	43
CH	27
EE	33
EN	9
MC	5
MH	47
PA	46
ZO	18
Total Entries	483

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