

## 2025 Pennsylvania Statistical Poster Competition Winners

The Mathematics Department at Saint Francis University is pleased to announce the winners of the 2025 Pennsylvania Statistics Poster Competition. The annual state competition is in its twenty-ninth year overall and coordinated for the seventeenth year by Saint Francis University. Cash awards of \$96 for first place, \$72 for second place, \$48 for third place, and \$24 for fourth place in each of four grade levels are awarded to the students who submitted winning posters. External financial support is provided by several regional and state professional organizations, including the Pennsylvania Council of Teachers of Mathematics, Mathematics Council of Western Pennsylvania, Pittsburgh Chapter of the American Statistical Association, Harrisburg Chapter of the American Statistical Association, Philadelphia Chapter of the American Statistical Association, and Association of Teachers of Mathematics of Philadelphia and Vicinity. A statistics poster is a display containing two or more related graphics that summarize a set of data, looks at the data from different points of view, and answers specific questions about the data. The 251 posters submitted electronically included 71 in the K-3 grade category, 82 in the 4-6 grade category, 26 in the 7-9 grade category, and 72 in the 10-12 grade category. These 251 posters were submitted from a total of 396 students! Judging for the state competition was held in April 2025. Winning posters were then submitted to the Data Visualization Poster Competition, which is coordinated by the American Statistical Association. Congratulations to all the students who created and submitted the winning and honorable mention posters, and to the teachers, parents and mentors who guided the students.

### Grades K-3 Winning Posters 2025

**First Place:** Jacob Bilbao, *The Growing Race*, Rydal Elementary School, Teacher: Pamela DaSilva

**Second Place:** Akshat Saxena, *Which Liquid Helps Plants Grow Best?* Great Valley Elementary School, Parent: Aashish Saxena

**Third Place:** Oren Wilson, *Bad Milk...Yuck!!!!*, Rydal Elementary School, Teacher: Pamela DaSilva

**Fourth Place:** Isla Thomas, *Which Melts Faster?* East Pike Elementary School, Teacher: Geri Nath

**Top Honorable Mention:** Leslie Kuo, *Mission in Vegetables*, Rydal Elementary School, Teacher: Pamela DaSilva

**Honorable Mention:** Emma Greenhalgh, *Rubber Band Rage*, Jacksonwald Elementary, Teacher: Kathy Walker

**Honorable Mention:** Ruth Bannon, *Sea Turtles and Their Eggs*, McKinley Elementary School, Teacher: Matthew Brenner

**Honorable Mention:** Greyson Miller, *Soap Battles*, Owatin Creek Elementary School, Teacher: Kathy Walker

**Honorable Mention:** Carter Minnich, *Protect the Ball*, Lorane Elementary School, Teacher: Kathy Walker

### **Grades 4-6 Winning Posters 2025**

**First Place:** Gabe Zamborsky, *Dance...Sport or Activity?* Abington Middle School, Teacher: Pamela DaSilva

**Second Place:** Sadie Feeney, *Gluten-Free? Hardly.*, Rydal Elementary School, Teacher: Pamela DaSilva

**Third Place:** Thaddeus Reilly, *Vacation Inquiry*, Rydal Elementary School, Teacher: Pamela DaSilva

**Fourth Place:** Zachary Kossenkov, *Popular Crowd*, Rydal Elementary School, Teacher: Pamela DaSilva

**Top Honorable Mention:** Andres Colon, *Would you Rather...This Region or That?* Rydal Elementary School, Teacher: Pamela DaSilva

**Honorable Mention:** Maxina Banciu, *Hmmm? What Water Bottle Should I Get?* Rydal Elementary School, Teacher: Pamela DaSilva

**Honorable Mention:** Taylor Woodlin, *Tunes Through Time*, Abington Middle School, Teacher: Pamela DaSilva

**Honorable Mention:** Henry Bowman, Jacob Klingerman, Crue Flick, *Does Physical Activity Affect your Sleep?* Central Columbia Middle School, Teacher: Michelle Wells

**Honorable Mention:** Lucy Snyder, *Power Play*, McKinley Elementary School, Teacher: Matthew Brenner

**Honorable Mention:** Angela Xie, *Art Supplies*, Rydal Elementary School, Teacher: Pamela DaSilva

### **Grades 7-9 Winning Posters 2025**

**First Place:** Danica Witmer, Jordyn Weller, Ellie Jackson, Madi Stine, *Flexible Instruction Day*, Shippensburg Area Middle School, Teacher: Amanda Kirkpatrick

**Second Place:** Jayne Draper, *Social Media vs Us*, Abington Middle School, Teacher: Pamela DaSilva

**Third Place:** Easton Glass, *Does Home vs. Away Affect Win Rate?* Fort LeBoeuf High School, Teacher: Cody Patton

**Fourth Place:** Isaac Freeman, *Red Fish or Blue Fish?* Abington Middle School, Teacher: Pamela DaSilva

**Top Honorable Mention:** Erik Wahus, *Breathing Room - Free Time Among Middle Schoolers*, Abington Middle School, Teacher: Pamela DaSilva

**Honorable Mention:** Dominic Ferrero, Raffi Garibian, *Get Ready to Gulp*, Abington Middle School, Teacher: Pamela DaSilva

**Honorable Mention:** Zia Ford, *Lead Takes the Lead*, Abington Middle School, Teacher: Pamela DaSilva

**Honorable Mention:** Aynslee Wilkins, *Electives in Middle School*, Abington Middle School, Teacher: Pamela DaSilva

## **Grades 10-12 Winning Posters 2025**

**First Place:** Marie Meredith, Melinda Wu, Safa Ali, *Are We Sheep?* State College Area High School, Teacher: Eric Davy

**Second Place:** Levi Nicholas, *The Power of a Promised Cookie*, State College Area High School, Teacher: Jacob Smith

**Third Place:** Isabella Stewart, Braelie Krahe, Katelyn Junod, *Do Energy Drinks Increase Your Energy?* Burrell High School, Teacher: Meaghan Volek

**Fourth Place:** Lukas Gratzmiller, Ryan Bates, *Are Students More Efficient at Typing or Writing?* Burrell High School, Teacher: Meaghan Volek

**Top Honorable Mention:** Nathan Whetzel, William Martin, Brian Kriley, *Mayday! Mayday! We Need Your Help!* State College Area High School, Teacher: Eric Davy

**Honorable Mention:** Nicole Ziccarelli, *Too Many Paws, Too Many Problems?* Burrell High School, Teacher: Meaghan Volek

**Honorable Mention:** Morgan Roan, Jayson Lu, Sophia Scourtis, *Cowspiracy*, State College Area High School, Teacher: Eric Davy

**Honorable Mention:** Brooke Public, *Saddle Sense; Hot or Not?* Bishop Carroll Catholic High School, Teacher: Carol Carlisle

**Honorable Mention:** Adyson Speer, Cadence Guckert, *Does Caffeine Have an Effect on Sleep Times?* Burrell High School, Teacher: Meaghan Volek

**Honorable Mention:** Maggie Nesko, Dana Barczykowski, Leah Troiano, *On Brand vs. Off Brand*, Burrell High School, Meaghan Volek

**Honorable Mention:** Cecilia Keys, Sydney Richardson, Cecelia Corro, *Are Dogs Really High School Students' Best Friend?* State College Area High School, Teacher: Eric Davy

**Honorable Mention:** Jacob Bauman, *As Temps Drop, Do Grades Drop Too?* Mifflin County High School, Teacher: Kerry Clancy-Burns

**Honorable Mention:** Sierra Brown, Luke Boylan, *Does Time of Day Affect Your Test Score?* Burrell High School, Teacher: Meaghan Volek

**Honorable Mention:** Mateo Soto, Raymond Zhang, Lilia Sahoo, *Underclassmen vs. Upperclassmen: Who's More Stressed?* State College Area High School, Teacher: Eric Davy

**Honorable Mention:** Westin Lenkey, Ulysses Guillard, *Rock Paper Scissors*, State College Area High School, Teacher: Jacob Smith

**Honorable Mention:** Sabrina Hoover, Gianna Sever, *Shopping for Happiness: Is Retail Therapy Real?* Burrell High School, Teacher: Meaghan Volek

**Honorable Mention:** Tristan Rogers, Yulian Itskov-Curto, Claire Fox, *The US Economic Future: Gloomy or Great?* State College Area High School, Teacher: Eric Davy

**Honorable Mention:** Ishaan Singh, *Does Listening to Music While Studying Improve Student Focus?* Dowingtown West High School, Parent: Bharti Singh