

Press Release:

FOR IMMEDIATE RELEASE

On Saturday, February 2nd, nineteen Riverview students participated in the regional Pennsylvania Junior Academy of Science (PJAS) competition held at Duquesne University. PJAS allows students to complete scientific laboratory experiments and STEM related investigations under the guidance of a teacher mentor. Students then present their results to a panel of scientists and engineers who evaluate the quality of the student's work. This year, students were mentored by science teachers Brian Ludwig and Marion Carson, as well as math teacher Mark Capsambelis. The following students presented projects at the competition.



Name	Grade	Category	Project Title
Amberson Bauer	8	Ecology	What pH Level of Saltwater Hatches More Brine Shrimp Eggs?
Jack Betler	8	Physics	Studying Factors that Affect Speed of an Electromagnet Train
Emery Carangio	8	Chemistry	How Chemical Leaveners Affect Cakes
Naomi Girson	8	Physics	An Analysis Of Sound Wave Intensity
Declan Hawk	8	Physics	How Temperature Affects a Magnet's Magnetic Field
Benjamin Hower	8	Physics	Baseball Bat Comparison
Ziad Jaafar	8	Physics	A Study of Pendulum Behavior
Kylie Longstreth	8	Ecology	The Effect of Road Salt on the Height of a Plant
Avishai Matusak	8	Physics	Projectile Motion: What Changes It?
Maci Orbin	8	Biology	Inherited Fingerprint Characteristics
Hazel Polesiak	8	Botany	Analyzing Changes in Leaf Pigmentation
Blaine Shadle	8	Ecology	How Herbicide Runoff Affects Daphnia
Anna Smith	8	Chemistry	The Effect Of Bleach Concentration On Food Dye
Olivia Wilton	8	Physics	How Temperature Affects Viscosity
Julia Ciorra	9	Ecology	Effects of Elodea Densa on Solution pH
Lauren Hornsby	10	Chemistry	The Effect of pH on Enzyme Activity
Alyse Johnson	10	Physics	Investigating the Index of Refraction of Sugar Solutions
Mikaela Collins	11	Ecology	The Effects of Antibacterial Socks on Bacteria
Cassy DeBacco	12	Math	Exploration of the Frobenius Number Problem

Thirteen of the students (Emery, Naomi, Declan, Benjamin, Ziad, Avishai, Maci, Hazel, Blaine, Olivia, Lauren, Alyse, and Mikaela) earned First Awards for their projects, making them eligible to compete at the state PJAS competition in May. In addition, a number of students earned special awards. Blaine Shadle and Olivia Wilton earned the Duquesne University Excellence in Scientific Pursuit Award. In addition, Lauren Hornsby received the James Manor Award from the American Chemical Society. Congratulations to all the Riverview participants for their hard work and dedication to their projects over the past four months! We are so proud of their accomplishments and dedication to STEM related fields of study.