

Capital Area Science and Engineering Fair

On Saturday, February 26th, Carlisle Area School District students from Wilson Middle School, Lamberton Middle School, and Carlisle High School were awarded for their recent presentations at the Capital Area Science & Engineering Fair. Students presented their posters and were interviewed by judges and sponsors for regional and national awards. CASEF awarded over \$200,000 in scholarships and awards during their awards ceremony. Out of the 384 student participants, the 26 CASD students had a phenomenal showing at this STEM event winning multiple awards and special honors. Please take a look at the special awards our students received at the ceremony as well as the individual places our competitors received from the judges along with their research topic. Please take the time to congratulate these winners!

Special Awards:

Josh Dellinger & William Mosinski

- American Chemical Society, Southeastern Pennsylvania Section
- Dr. Love Judge's Award for superior presentation and board

Leah Colestock:

- Stockholm Junior Water Prize for top water related project
- Dr. Love Judge's Award for superior presentation and board
- Category winner in Environmental Science

Sandi Kadric

- American Meteorological Society Award

Taylor Hacker


- Category winner in Earth Science

Sarah Pavolovich

- Dr. Love Judge's Award for superior presentation and board

Louis Colangelo

- American Association of Highway Engineers – Harrisburg Section
- BELCO Community Credit Union for outstanding project
- Central Pennsylvania Engineers Week Council – (top scorer in Engineering)
- Harrisburg Chapter of the Pennsylvania Society for Professional Engineers
- Dr. Love Judge's Award for superior presentation and board
- U.S. Air Force Award

 Louis was also invited to attend the 'I-SWEEEP' Competition. The 9th Annual International Sustainable World Energy Engineering and Environment Project Olympiad will be held April 26th – May 1st in Houston, Texas! I-SWEEEP has had over 70 countries and all states represented at this event. Please be sure to congratulate Louis on all of his accomplishments!

Capital Area Science and Engineering Fair

Senior Division Winners:

FIRST PLACE:

Louis Colangelo- “Up, Up and Away: The Affect of Wingtip Shape on Lift”

Taylor Hacker – “Crator Formation: The Relationship Between the Force of Impact and the Ejection Pattern”

Anthony DelTufo – “The Heat Retention Capability of Different Types of Pasta”

Sarah Pavlovich – “Let’s Kick It”

Leah Colestock – “Goodness Gracious (Not So) Great Balls of Evaporation”

SECOND PLACE:

Caleb Curry – “Lung Capacity of Musicians”

Tyler Douglas – “Plants versus Colored Light”

Sandi Kadric - “ What is the Amount of PM2.5 microns in Carlisle, PA’s Air?”

Taylor Lebo – “Air Quality versus Water Quality”

Megan Lyons – “Heights and Dangers”

Jonathan Robinson – “Jumping for Science: Ground Reaction Force of a Vertical Jump”

Cierra Smetana – “K9 Curiosity: The Tell-‘Tail’ Signs of a Dog’s Emotions”

Adnan Alagic – “Truck Drag Change with Air Tabs”

Zoe Spielman – “Dangerous Dirt”

Brady Chilson & Michael Smith – “Thermal Heat Storage in Various Available Materials”

John Key – “Stream Turbidity”

Joshua Dellinger & William Mosinski – “Polymers versus Hairmats: Which Works Better to Clean Up an Oil Spill?”

Hannah Frick & Arianna Line – “EMF Radiation on Plant Growth”

Capital Area Science and Engineering Fair

THIRD PLACE:

Sarah Raphael – “The Effects of Temperature on the Rate of Cellular Respiration in Mealworms”

Junior Division Winners:

Lamberton Middle School:

Ethan Waleski - 1st Place- The Energy Inside a Peanut

Wilson Middle School:

Timothy Mattaboni – 2nd place- “Do People Play Video Games Similarly?”

Annelise DeYoung & Jaide Huntsberger – 3rd place – “Twin Telepathy: Is It Real or Just a Myth?”

