



Fostering curiosity, discovery, innovation, and problem-solving skills

Top STEM Student Researchers from Miami Valley Heading to State Science Day

Two hundred-ten students representing twenty-five public and private schools from Montgomery, Clark and Greene Counties competed in the Ohio Academy of Science District 10 Science Day, held at the Miami Valley Career Technology Center, Englewood, Ohio on Saturday, March 25, 2023. Students exhibited projects in science, technology, engineering and mathematics which they worked on from September through February of this year. The Science Day (Fair) program has been in Ohio since 1949. Students who complete and present a science or engineering project at a local science fair in their school, or at a county event, may qualify to compete at the District level.

This was the 1st year for the event at Miami Valley CTC. Organizers included area educators, STEM professionals and business representatives. Over \$3,000 was distributed in awards, provided by area sponsors including many businesses and individuals interested in supporting STEM education (Science, Technology, Engineering, Mathematics). The students were accompanied by many parents, teachers and guests on Saturday, in a tremendous show of support of the students' efforts.

There were 134 students participating at the District 10 Science Day who received Superior (the highest) ratings. They are all eligible to proceed to the online State Science Day competition held in April where projects from across Ohio will be judged virtually for ratings, awards and scholarships.

Scholarships awarded included: College of Wooster – Buckeye Women In Science, Research & Engineering (B-WISER) Camp. Ten summer camp scholarships value each \$100 to Dolly Dourson, Izzy Mercer, Ava Emmer-Lovell, Jennifer Najem, Brylie Jackson, Olivia Pickerrell, Grace Linz, Megan Rosenberg, Caroline Lipp, Marley Turner

Ohio Tuition Trust Authority – College Advantage 529 Savings Plan Scholarship - value each \$250 to Dorothy Back, St. Charles Borromeo and Braylon Wilcox, Charles Huber Elementary.

Special Awards included: Ohio Soybean Council Biosciences Awards for soybean related projects, each \$100 to Josie Jennings, Global Impact STEM Academy and Kate Riegel, Archbishop Alter; Institute of Electrical and Electronics Engineers Awards, 5 awards of \$50 each to Max Bistrek, Carroll HS, Mia Byarlay, The Miami Valley School, Preston DeBusk, Dayton Christian School, Allison DeVanna, Global Impact STEM Academy and Dolly Dourson, Bishop Leibold; Southern Ohio Human Factors and Ergonomics Society collaborating with the Society for Information Display, Awards for excellence in the behavioral sciences, \$100 each to Brodie Strawser, Miami Valley CTC, Braxten Trump, Miami Valley CTC, Zach Sabin, Bishop Leibold and \$50 each to Mackenza Townsend, Miami Valley CTC, Kierra Elliot, Miami Valley CTC, Alayna Moreaux, Miami Valley CTC and Caden Groth, The Ridgewood School.

Southwest Ohio Water Environmental Association Awards for water/wastewater specific projects, 1st place, \$100 to Allison DeVanna, Global Impact STEM Academy, 2nd place, \$75 to Anna Spohler & Noah Gathany, Global Impact STEM Academy and 3rd place, \$50 to Hope Bradley, Incarnation; American Institute of Aeronautics and Astronautics (AIAA) Award for Aerospace related projects, 1st place to Luke Doseck & Joseph Wright, Dayton Regional STEM School, 2nd place to Jared Sargent, Carroll HS and 3rd place to Ava Emmer-Lovell, Bishop Leibold; American Society of Mechanical Engineers (ASME) Awards for best projects in Mechanical Engineering, 1st place, \$75 to Luke Doseck & Joseph Wright, Dayton Regional STEM School, 2nd place, \$50 to Allison DeVanna, Global Impact STEM Academy, 3rd place, \$25 to Paytyn Grimes & Simon Black, Global Impact STEM Academy; Taft Law Award for Best Project in Behavioral Sciences, \$100 to Caitlin Neidhard, Carroll HS; Miami Valley Career Technology Center, Dr. Nick Weldy, Superintendent's Award \$100 to Annia Ameer, The Ridgewood School; Martin E. English, DVM Award in Animal Science/Veterinary Medicine \$100 to Rachel Finegan, Dayton Regional STEM School.

The Ohio Academy of Science and the Miami Valley CTC would like to thank the 100 plus judges and event volunteers for their time and efforts which made this event possible. We also give a huge thanks to the event and awards sponsors, including: B-WISER Science Camp – College of Wooster, American Society of Mechanical Engineers (ASME), Institute of Electrical and Electronics Engineers (IEEE), American Institute of Aeronautics and Astronautics (AIAA), Southwest Ohio Water Environmental Association, Ohio Tuition Trust Authority, Ohio Soybean Council, Taft Law, Martin E. English, D.V.M., Miami Valley Career Technology Center, The Ohio Academy of Science. Special thanks goes to Miami Valley CTC, its administration, faculty & staff for making this event a wonderful experience for these students.

For more information about the District 10 Science Day, please contact the Ohio Academy of Science, 5930 Wilcox Place, Suite F, Dublin, OH 43016
or email: District10ScienceDay@gmail.com Website: www.ohiosci.org/district-10/

2023 District 10 Science Day Sponsored Awards

Sponsored Awards are awarded at the discretion of the sponsors' representatives.

For grades 5-12, individual or team, unless otherwise specified.

Ohio Soybean Council Biosciences Awards - for soybean related projects. (up to 3 awards) each \$100

(#91) Josie Jennings, Global Impact STEM Academy

(#160) Kate Riegel, Archbishop Alter

Institute of Electrical and Electronics Engineers Awards - for projects in any field recognized by IEEE. Five awards of \$50 each (awardees are invited to the annual Dayton Section banquet to receive their checks, certificates, and dinner) For grades 9-12.

(#23) Max Bistrek, Carroll HS

(#34) Mia Byarlay, The Miami Valley School

(#46) Preston DeBusk, Dayton Christian School

(#49) Allison DeVanna, Global Impact STEM Academy

(#52) Dolly Dourson, Bishop Leibold

Southern Ohio Human Factors and Ergonomics Society collaborating with the Society for Information Display - Awards for excellence in the behavioral sciences or a project involving human factors and ergonomics.

\$100 each

(#179) Brodie Strawser, Miami Valley CTC

\$50 each

(#129) Alayna Moreaux, Miami Valley CTC

(#186) Braxten Trump, Miami Valley CTC
(#167) Zach Sabin, Bishop Leibold

(#184) Mackenza Townsend, Miami Valley CTC
(#54) Kierra Elliot, Miami Valley CTC
(#77) Caden Groth, The Ridgewood School

Southwest Ohio Water Environmental Association – Award for water/wastewater specific projects 1st place-\$100, 2nd-\$75, 3rd-\$50 For grades 9-12

1st (#49) Allison DeVanna, Global Impact STEM Academy
2nd (#178) Anna Spohler & Noah Gathany, Global Impact STEM Academy
3rd (27) Hope Bradley, Incarnation

American Institute of Aeronautics and Astronautics (AIAA) - Award for Aerospace related projects.

1st (#200) Luke Doseck & Joseph Wright, Dayton Regional STEM School
2nd (#169) Jared Sargent, Carroll HS
3rd (#56) Ava Emmer-Lovell, Bishop Leibold

American Society of Mechanical Engineers (ASME) Awards for best projects in Mechanical Engineering. 1st Place - \$75 2nd Place - \$50 3rd Place - \$25

1st (#200) Luke Doseck & Joseph Wright, Dayton Regional STEM School
2nd (#49) Allison DeVanna, Global Impact STEM Academy
3rd (#75) Paytyn Grimes & Simon Black, Global Impact STEM Academy

Taft Law - Award for Best Project in Behavioral Sciences \$100 cash award

(#135) Caitlin Neidhard, Carroll HS

Dr. Nick Weldy, Miami Valley Career Technology Center Superintendent's Award \$100

(#5) Annia Aneur, The Ridgewood School

Martin E. English, DVM - Award in Animal Science/Veterinary Medicine including research in animal health, nutrition, husbandry or related topics and veterinary medicine \$100 cash Award

(#67) Rachel Finegan, Dayton Regional STEM School

College of Wooster – Buckeye Women In Science, Research & Engineering (B-WISER) Camp

Ten camp scholarships to top 7th & 8th grade girls. value each \$100

Dolly Dourson, Izzy Mercer, Ava Emmer-Lovell, Jennifer Najem, Brylie Jackson, Olivia Pickerrell
Grace Linz, Megan Rosenberg, Caroline Lipp, Marley Turner

Ohio Tuition Trust Authority – College Advantage 529 Savings Plan Scholarship x 2 value each \$250

(#12) Dorothy Back, St. Charles Borromeo
(#197) Braylon Wilcox, Charles Huber Elementary

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