

March 11, 2019 News Release:

Eighty-Two Students from Upper Miami Valley Heading for State Science Day

One-hundred-forty-two students from Miami, Darke, Shelby and Champaign Counties competed in the Ohio Academy of Science Upper Miami Valley District Science Day, held at Edison State Community College, Piqua, Ohio on Saturday, March 9, 2019. 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 the 1940's. 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. Ohio now has seventeen districts, the newest of which is the Upper Miami Valley District comprising the four aforementioned counties.

This was the 4th year for the event at Edison State Community College. Organizers included area educators, STEM professionals and business representatives. Over \$8,000 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 several hundred parents, teachers and guests on Saturday, in a tremendous show of support of the students' efforts.

All Upper Miami Valley students who received a superior rating at their respective Local or County Science Day in February were eligible to compete at the District Science Day. Students participating at District and receiving Superior ratings were: from Anna HS – Sierra Williams, Taylor Kauffmann, Brianna Holtzapple, Emma Meyer, Ethan Hueker, Molly Batchelder, McKenzie Bertsch, Hannah Shoemaker; from Ansonia MS – Marissa Shook; from Arcanum MS – Hannah Kendig, Carley Rieman, Emma Rogers, Mackenzie Cantrell, Raymond Brothers, Landon Flatter; from Bethel MS– Julie Sebastian, Tiffany Moore, Jewell Tyler, Allison Cartwright; from DeColores Montessori School – Leo Williams; from Franklin Monroe HS – Chase Osterday, Mason Lair, Emma Miller, Keihl Johnson; from Graham HS – Benjamin Greek; from Greenville HS – Landon Muhlenkamp, Ash Williams, Anthony-Masso-Rivetti.

From Holy Angels, Sidney – Colin Potts, Layla Platfoot, Jude Schmiesing, John Brunner; from Lehman HS – Adith Joshua George, Michael O'Leary, Meghan Chamberlin, David Rossman, Jacque Schemmel, Ann Deafenbaugh, Alexandra Casillas, Cole Gilardi, Molly Greene, Alexander Gleason, Annamarie Stiver, Angela Brunner; from Milton-Union MS – Bryson Bailey, Liam Hartley; from Piqua Catholic – Miley Heffelfinger, Hayden Sever, Matthew Galbreath; from Tippecanoe HS – Leena Vyas, Annagrace Bennett; from Tippecanoe Middle School – Brynna Sears, Marissa Hollon, Parker Kaibas, Collin Snider, Riya Patel, Mason Kinninger, Audrey Kinninger, Sadhil Mehta; from L.T. Ball Intermediate – Jeffrey Martin, Leilani Green, Elias Stienecker, Carson Jackson, Tessa Riehle, Lindsey Osenko, Caroline Kaibas, Kamryn Clint; from Tri-Village HS – Halle Belle, Rylee Sagester, Jade Murphey, Morgan Hunt; from Troy HS – Sarah Kinder, Grant Klopfenstein; from Urbana HS – Raegan Hepp, Paige Deere; from Versailles HS – Lauren Menke, Alec Barga, Kennedy Hughes, Ethan Varner.

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Special Awards included: Boonshoft Museum of Discover Family Membership – Norah Rocke; American Society of Mechanical Engineers Awards in Mechanical Engineering - 1st Place \$75 Cole Gilardi, 2nd Place \$50 Christine Zou, 3rd Place \$25 Jake Kovacs; Tippecanoe Masonic Lodge No.174 Award in Engineering, each \$100 – Grant Klopfenstein, Katie Weddle; Fresh Eyes Editing Award for Biomedical Research \$50 – Adith Joshua George; Premier Health Award for Medicine & Health Sciences x 2, each \$100 – Emma Meyer, Jacob Osborne; Cargill Awards in Plant Science x 2, each project \$100 – Joseph Pannapara, John Sebastian & Kade Schweikhardt; Troy Fish & Game Club Award in Animal Sciences \$100 – Eva Dexter; Troy Fish & Game Club Award in Environmental Sciences \$150 – Ann Deafenbaugh; Southwest Ohio Water Environmental Association – 1st Place \$100 Adith Joshua George, 2nd Place \$75 team project of Mason Lair, Emma Miller, Keihl Johnson, 3rd Place \$50 Hannah Shoemaker; Mackenzie E. English Award for Earth Science \$50 – Leena Vyas; Vargo-Grusenmeyer Award for Creativity \$100 – Mira Patel; College of Wooster – Buckeye Women In Science, Research & Engineering (B-WISER) Camp -Ten camp scholarships, value each \$100 – Eva Dexter, Jewell Tyler, Hannah Kendig, Carley Rieman, Mikayla Lair, Keihl Johnson, Emma Miller, Riya Patel, Julie Sebastian, Allison Cartwright; Ohio Tuition Trust College Advantage 529 Savings Plan Scholarship, value each \$250 – Elias Stienecker, Carson Jackson; Edison State Community College, 5 course Scholarships – Landen Muhlenkamp, Kennedy Hughes, Anna Marie Stiver, Adith Joshua George, Anna Grace Bennett.

EMERSON Topic Category AWARDS with Trophy & \$100 each included: for Animal Science, Michael O’Leary; for Behavioral & Social Sciences, Sarah Kinder; for Biochemistry, Cellular & Molecular Biology, Meghan Chamberlin; for Biomedical Engineering, Tracey Micah; for Chemistry, ; Caroline Kaibas & Kamryn Clint; for Earth & Environmental Sciences, Ann Defenbaugh; for Embedded Systems & Software Systems Collin Snider & Parker Kaibas; for Engineering Mechanical, Christine Zou; for Material Science, Landen Muhlenkamp; for Medicine & Health Sciences, Brianna Holtzapple & Taylor Kauffmann; for Microbiology, John Brunner; for Physics & Astronomy, Elias Stienecker & Carson Jackson; for Plant Science, Tessa Riehle & Lindsey Osenko;

BASF Awards in Chemistry, 1st \$200 - Caroline Kaibas & Kamryn Clint, 2nd \$150 – Ethan Huecker, 3rd \$100 – Matthew Galbreath. BASF Awards in Medicine & Health, 1st \$200 - Brianna Holtzapple & Taylor Kauffmann, 2nd \$150 – Angela Brunner, 3rd \$100 – Emma Meyer. BASF Award for Best Presentation of Data \$100 – Leena Vyas. Award for Best Abstract from Fresh Eyes Editing, Sheila Cherry, PhD, \$100 to Celeste Arnett.

Students selected to compete at the Buckeye Science & Engineering Fair on Saturday, April 6th in Columbus were Leena Vyas, Tippecanoe HS; Adith Joshua George, Lehman HS, Cole Gilardi, Lehman HS, Anthony Masso-Rivetti, Greenville HS; Christine Zou, Sycamore HS (Cincinnati).

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All of the projects receiving superior ratings at the Upper Miami Valley District Science Day will proceed to the State Science Day held at The Ohio State University in Columbus on Saturday, May 11, 2019, where over \$500,000 in scholarships and special awards will be presented.

The Upper Miami Valley District Council would like to thank the 70 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: **Title Sponsors (\$5,000)** EMERSON, Sidney, OH and BASF, Greenville, OH; and **Major Sponsors (\$1,000+)** - Tipp City Rotary Club, Cargill, Inc., The College of Wooster, Edison State Community College; **Major Sponsors (\$500 - \$999)** – Ohio Tuition Trust Authority, Troy Rotary Club, Premier Health – UVMC, Dayton Society of Natural History; Troy Fish & Game Club, **Partner (\$250 - \$499)** Tippecanoe Masonic Lodge 174, Fresh Eyes Editing - Sheila Cherry, PhD; **Patron (\$100 - \$249)** - American Society of Mechanical Engineers, Dayton Section, Judith Vargo & Joseph Grusemeyer, Southwest Ohio Water Environmental Association; **Friends of Science (up to \$99)** – Mackenzie E. English. Special thanks goes to Edison State Community College, its administration, faculty & staff for making this event a wonderful experience for these students.

For more information about Upper Miami Valley Science Days, please contact Dr. Martin English, 1470 W. Main Street, Tipp City, OH 45371, phone: 937-667-3217, or email: info@ohioumvsd.com /website: www.ohioumvsd.com,