

STEM & Entrepreneurship Scholars earned Scholarships and Awards During the Ohio STEP – State Competition

Ohio Science, Technology, and Entrepreneurship Program (Ohio STEP) is a STEM innovation and entrepreneurship program of the Ohio Academy of Science.

DUBLIN, OH, UNITED STATES, April 24, 2025

/EINPresswire.com/ -- Ohio Science, Technology, and Entrepreneurship Program ([Ohio STEP](#)) is a STEM innovation and entrepreneurship program

of the [Ohio Academy of Science](#). This program is designed to promote critical thinking and the development of an entrepreneurial mindset through experiential and project-based learning. Authentic research projects prepare students to meet the demands of a rapidly changing labor market where technology and innovation create new challenges, as well as new and rewarding opportunities.

“

This year’s projects were not only amazing, but also very inspiring”

Michael E. Woytek, Executive Director, The Ohio Academy of Science

Ohio STEP is an iterative process that involves both an understanding of STEM research and how it can be applied to develop a solution (product or service) along with an entrepreneurial evaluation of the business model to analyze the likelihood of entrepreneurial success.

Ohio STEP is open to Middle School students in grades 6-8

and High School students in grades 9-12. Students may participate as independent students, as part of a school affiliated classroom or club, or a community club. They can develop projects individually or in teams of up to three (3) members

Scholarships and awards totaling over \$21,000 were awarded to 17 plans. The scholarships can only be used to attend an Ohio college, university, or technical college. A total of 109 plans comprised of 148 students competed in the Virtual State Competition.

“This year’s projects were not only amazing, but also very inspiring”, said Michael E. Woytek, Executive Director for The Ohio Academy of Science. Woytek went on to add, “We are Creating a



Culture of Innovation with Ohio STEP as it provides students with a vision of what's possible as it broadens and builds critical skills needed to compete in today's economy. It also provides them with a sense of purpose for pursuing post-secondary opportunities, here in Ohio".

Ohio STEP is a free, comprehensive, curriculum-based, STEM and entrepreneurship program for Ohio students. For more information about Ohio STEP, please visit www.ohiosci.org

2025 Ohio STEP Awardees College Scholarships

The scholarships can only be used to attend an Ohio college, university, or technical college. Scholarships are divided equally among teammates.

STEM Business Plan and Pitch - Grades 9-12

\$2,000 Scholarship

Austin Ash, Hoover High School Project: Lumo

Quinten McKinnon, Hoover High School Project: Faith Unfolded LLC

Divyasree Paruchuri, Olentangy High School Project: RespiraCheck: Pneumonia Detector

Dominic Shockey and Owen Timura, Olmsted Falls High School Project: SafeCloud: Protecting Tomorrow, Today

\$1,000 Scholarship

Reagan Oney, Hoover High School Project: Glide and Glow

Isabella Johnson, Hoover High School Project: Radiant Reflect

Shane Mahaffey, Jonathan Evans, and Sam Sedlacek, Olmsted Falls High School Project: Chore Trainer

Chase Donahue, Will Healey, and Tyler Krinjeck, Olmsted Falls High School Project: Crashout: RearGuard

STEM Commercialization Plan and Pitch - Grades 9-12

\$2,000 Scholarship

Anuki Mudalige, Olentangy Orange High School Project: NeuroBreath: An AI-Powered Wearable Device for Stress Reduction Using Mindfulness Techniques

Charlie Pochet and Paul Cook, Dayton Regional STEM School Project: SAWOS: Drone Detection and Pilot Awareness Systems

Shrividya Regadamilli, Hathaway Brown Project: PreventionFirst

\$1,000 Scholarship

Matthew Paul, Worthington Christian School Project: Squat Spot - an innovation in rehabilitation and training

Avery Carlisle, Brynn Munn, and Marija Vukovic, Notre Dame-Cathedral Latin Project:

Biodegradable and Reusable Hospital Gowns: EcoGowns

Harman Kaur, Cora Dunekacke, and Bili Hamed, Dayton Regional STEM School Project: ZeroSea

Summary Plans and Pitch Grades 6-8

Kathryn Oliver, Cornerstone Christian Academy, Project: Carpet Taps

Martin Nicasio Acosta & Lydia Jenks, Cornerstone Christian Academy. Project: Dog Cage Curtains

Collin Speidel & Paul Coumos, Cornerstone Christian Academy, Project: Automatic Light Switch

Michael E. Woytek

The Ohio Academy of Science

+ + +1 614-389-2182

[email us here](#)

Visit us on social media:

[Instagram](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/806361832>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.