

The Ohio Academy of Science newsletter has arrived!



[www.ohiosci.org](http://www.ohiosci.org)

## OAS NEWSLETTER - WINTER 2020, PART I

*Dear Members, Friends and Volunteers:*

Ohio has always been known as a place for innovation and discovery and The Ohio Academy of Science is the common meeting ground of the scientific activities of the State. OAS programs support science through research and they represent a rich tapestry of both the young burgeoning scientist as well as academic and industry experts that are leading Ohio's research interests.

Please consider joining us as a presenter, participant, volunteer, or just to take in a day of research and good fellowship.

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## OAS Annual Meeting 2020

The 129th Annual Meeting will be held at the Cleveland State University on April 18, 2020. Abstracts for posters are still being accepted for undergraduate/graduate students, and academic or industry professionals. This [Just-in-Time Call for Papers](#) will remain open through February 28 or until space is filled.



This years meeting will be represented by more than 150 researchers from 25 different colleges and universities throughout Ohio.

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## Ohio EPA Scholarship has been increased to \$5,000!

### Applications are now being accepted



Since 2000, The Ohio EPA has been awarding scholarships to undergraduates entering the final year of their coursework (2 year programs are also eligible) and have completed research, environmental work experience and demonstrate a commitment to developing an environmental career. Since the programs inception, a total of \$909,950 has been awarded statewide to 369 students from 46 Ohio colleges and universities. The scholarship program is administered by The Ohio Academy of Science.

Scholarship awardees will be selected on: 1) Academic record with an overall GPA of at least 3.0, 2) education, employment, and/or internships, honors/awards, professional memberships, publications, presentations given and professional meetings attended, and community service, 3) reasons for choosing a career in environmental science or environmental engineering and how the scholarship will

help, 4) original research, scholarship, employment, and/or internships, or other unique contributions to environmental science or engineering, 5) extracurricular activities and participation in organizations that demonstrate leadership, interpersonal skills and social responsibilities, 6) letters of recommendation from education or environmental professionals.

## [Ohio EPA Scholarship Application](#)

### [2019 Press Release](#)

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#### *The Ohio Journal of Science 119 (2)*

*The Ohio Journal of Science Vol. 119 No.2* was recently completed. A total of 8 manuscripts were published, including A 137-Year History of the Summer Avian Community at Winous Point Marsh, Port Clinton OH



[Please click here for online version](#)

[Please click here for author information](#)



A key feature for *OJS 119 (2)* is Emily E. Wieringa's Letter to a Young Scientist, "*Embrace the Detour*".

Ms. Wieringa is the Director of Construction at the Columbus Zoo and Aquarium, and an alumna of State Science Day and the National Youth Science Camp.

[\*"Embrace the Detour"\*](#)



## Ohio's Natural Heritage

Please share the good news that Ohio's Natural Heritage book is now online at <https://kb.osu.edu/handle/1811/90801>  
Please note: It may take more than 3 minutes to download a copy of the 300+ page book.

First published in 1979, there are 22,500 copies in print. Two other versions exist: standard version in DVD format and a special educator's DVD linked to previous Ohio Education Standards and linked to lesson plans for each chapter. Support for the DVD format came from The Ohio Division of Wildlife and The Ohio Environmental Education Fund.

If you would like to purchase a copy of the DVD, please visit the [OAS Store](#). The DVD is currently on sale for \$7.50 per DVD.

The book is available in many Ohio public libraries because of support from Nationwide

Insurance.

## National Youth Science Camp - A Call for Applications



As Governor DeWine's designee, The Ohio Academy of Science selects two (2) graduating high school seniors (2020) to represent Ohio at the National Youth Science Camp (NYSC). The NYSC is a residential camp (near Davis, WV) and honors program for high achieving students that have demonstrated excellence in both scholarship and STEM experiences.

In addition to lectures, seminars and directed studies along side leading scientists and resident STEM professionals, the NYSC camp experience also incorporates both creative and performing arts and high outdoor adventure.

Delegates also travel to Washington, D.C to attend Science Policy panel discussions at the American Association for the Advancement of Science (AAAS), and are hosted at a luncheon in their honor with members of the US Senate.

Student delegates attend the camp free of charge- including transportation.

The camp is from June 22 through July 15, 2020.

## **MORE INFORMATION**

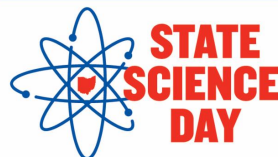
## **APPLICATION ARE BEING ACCEPTED THROUGH FEBRUARY 28, 2020**

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### **STATE SCIENCE DAY - SPONSORSHIP OPPORTUNITIES**

THE OHIO ACADEMY  
OF SCIENCE

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State Science Day is the pinnacle of student-originated, inquiry-based science and engineering education in Ohio. In 2019, nearly 1,100 students competed for \$500,000 in sponsored awards and scholarships.

Sponsoring an award or scholarship at State Science Day not only recognizes and encourages student achievement, but it also provides awareness by promoting the opportunities within your industry, profession, college or university.

The list of sponsored awards and scholarships might provide the inspiration for your organization. The award provider establishes the criteria and eligibility requirements.

Please consider offering an award or scholarship at State Science Day 2020!!

## **LIST OF STATE SCIENCE DAY SPONSORED AWARDS**

## **STATE SCIENCE DAY SPONSORED AWARD FORM**

## **STATE SCIENCE DAY SPONSORSHIP FORM**

For more information about sponsoring an award or options on how to provide general support for State Science Day, please email [info@ohiosci.org](mailto:info@ohiosci.org) or call 614-389-2182.

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# Believe in Ohio

We can all agree that the purpose of education is to prepare students for life. So, in order to accomplish this goal, school districts are continually reviewing, updating, and changing curriculum. But are we really preparing students to compete in today's economy where disruption and change is the new normal? Are we preparing them to be critical thinkers, great communicators, and collaborators who can creatively use technology and innovation to address the challenges of tomorrow?

**Believe in Ohio** now joins the Academy's cadre of programs as a free, comprehensive, curriculum-based, STEM entrepreneurship & innovation program for Ohio's high school students. Funded through an appropriation from Ohio's 133rd General Assembly, this personalized, student-centered learning experience allows students to explore their own areas of interest and teaches them how to commercialize solutions to problems by developing a STEM Commercialization Plan or STEM Business Plan.

Do you want to develop engaged and enthusiastic learners? Then what are you waiting for? As an educator, this is your opportunity to implement *Believe in Ohio*. It includes the needed curriculum and program resources, not to mention more than \$400,000 in student awards and scholarships.

**[REGISTER HERE FOR MORE INFORMATION](#)**

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## **Ohio Academy of Science - Members in the Spotlight**

The membership of The Ohio Academy of Science is as diverse as the science taking place in Ohio. We want to hear from you! Please be sure to submit information about yourself or your organization, and update your fellow members about new findings, career advancements, publications, conference proceedings or news about industry, government, and education.

Please send your news to [info@ohiosci.org](mailto:info@ohiosci.org)

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*Please forward this email on to any of your colleagues that may be interested in the Academy or our programs, and contact us any time for more information.*

Sincerely,



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

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