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Science Matters - Michigan

To submit content or join the Science Matters email list, please contact:

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State Coordinator

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Please submit content by

November 20 for the
December Edition.



You still have 2 days to submit a proposal for our state's largest conference presented by science educators for science educators!

Save the Date!!

#MSTA19 is March 1-2, 2019 in Grand Rapids

Presenter Applications due October 29

[Click Here to Submit](#)

MSTA Membership Information: [Click Here](#)

[Have a Submission for Science Matters Michigan? Email Us.](#)

Professional Learning Opportunities

Northrop Grumman Foundation Teachers Academy

The [Northrop Grumman Foundation Teachers Academy](#) is beginning its fourth year and is now [accepting applications](#) for the 2018–2019 cohort. The program—designed specifically for middle school teachers (grades 5–8)—was established to help enhance teacher confidence and classroom excellence in science, engineering and technology, while increasing teacher understanding about the skills needed for a scientifically literate workforce. The Academy, which is directed by the [National Science Teachers Association \(NSTA\)](#), will support up to 29 teachers of physical science, engineering, and/or technology located in school districts in select Northrop Grumman communities in the United States, as well as from Australia. The teachers will be immersed throughout the year in a host of blended professional learning opportunities in science, technology, and engineering.

Detroit Zoo Open House

We are inviting educators to the Detroit Zoo on **Saturday, November 3, 2018** to explore the resources we have available for teachers and students. [Registration](#) is required and teachers will need to bring their valid teacher/educator ID with them to receive complimentary parking and admission.

Carla Van Kampen
Curator of Education
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Metro-Detroit Science Teacher's Association Fall Conference

DACTM and MDSTA Math and Science Conference, November 3, Warren Cousino High School, 30333 Hoover Road, Warren, MI 48093. More Information and Registration here: <http://www.mdsta.org>

Grants

Michigan Nature Association 2019 Nature Field Trip Grants

The Michigan Nature Association announces the availability of \$500 grants for field trips to natural areas for the 2018-2019 school year. These grants are intended to assist teachers in developing fun, hands-on field trips for teaching students about the natural environment. The grants can cover bus transportation and educational supplies for field trips to eligible natural areas, including community nature centers, MNA sanctuaries, state parks, and other conservation lands deemed suitable for field trips. MNA is especially interested in applications from urban schools with limited access to natural areas.

[Click here for Application PDF](#)

Student Opportunities

Detroit Zoological Society Humane Youth Award

This year, to honor students in kindergarten through senior year of high school who are making a positive impact for animals, the Detroit Zoological Society is presenting the first annual Humane Youth Award. From now through **November 5, 2018**, youth can be nominated, or nominate themselves for this honor. The [nomination form](https://humane.detroitzoo.org/dzs-humane-youth-award/) can be found on our [website](https://humane.detroitzoo.org/dzs-humane-youth-award/), <https://humane.detroitzoo.org/dzs-humane-youth-award/>. Knowing the great work you do and the teachers that you're connected with, we thought you might have come across youth that are doing positive things for animals that you could recommend for this award.

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Southeastern Michigan Junior Science & Humanities Symposium

High School Student STEM Researchers and their **Teachers** are invited to attend the Junior Science and Humanities Symposium (JSHS) Program, sponsored by the Academy of Applied Sciences and the U.S. Army, Navy, and Air Force. Since its inception in 1958, the primary aims of JSHS are ***to promote research and experimentation at the secondary school level and to recognize students for original research achievements***. **Participation in the symposium is FREE for all eligible high school students and their teachers.**

In the Southeastern Michigan region, the program is housed in the College of Education at Wayne State University. Every year, students from high schools state-wide, attend the symposium at Wayne State University, where they present their research and participate in tours of selected science laboratories, and interact with professional science researchers throughout the day. Finalists are notified of awards to advance to the National Symposium during the dinner banquet.

Regional finalists will be invited to attend the National JSHS, ***all expenses paid*** by the Army Educational Outreach Program.

- The Symposium is a valuable resource for students who plan to participate in this year's Science Fair and/or Science Olympiad.
- Students who present their research at the Symposium have the opportunity to receive significant scholarships, to the University of their Choice, at the regional and national levels.
- **Registration opens October 4, 2018** at: <http://coe.wayne.edu/ted/science/jshs/>

Links & Resources

Michigan Science Teachers Association

Science Matters Network Home

Science Matters is a major public awareness and engagement campaign designed to rekindle a national sense of urgency and action among schools and families about the importance of science education and science literacy. Science Matters builds on the success of the Building a Presence for Science program, first launched in 1997 as an e-networking initiative to assist teachers of science with professional development opportunities. The Building a Presence for Science network—now the Science Matters network—reaches readers in 34 states and the District of Columbia.

The Science Matters network is a vehicle for information dissemination and communication. Through the electronic network, teachers of science become aware of professional development opportunities, science resource materials, and funding programs within their area, region, state, and/or at the national level. They will also receive important information, helpful articles and materials to pass on to parents that focus on quality learning experiences in the sciences—starting at an early age—and why science education is critical to science literacy and our future workforce.