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Science Matters - Michigan

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

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Science Matters Michigan,
State Coordinator

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March is Conference Time!

Michigan Science Teachers Association

Suburban Collection Showplace, Novi

Pre-Conference Events

Thursday, March 23

• [Registration Info: MSTA Pre-Conference Sessions](#)

• [MMSCN Sponsored Sessions with Heidi Schweingruber & Carla Zembal-Saul](#)

• [Registration for MSELA Pre-Conference Dinner Event with Brian Reiser](#)



Main Conference

Friday, March 24 and Saturday, March 25

[Main Conference Registration Information](#) - Reduced rate ends March 7!!!

National Science Teachers Association

Los Angeles Convention Center

March 30 - April 2

[Registration Information](#)



[Click here for the MSTA Newsletter Page](#)

Professional Learning Opportunities

[Summer Institute for Climate Change Education](#)

Climate Generation is a recognized leader in climate change education nationally, and we are joining forces with University of Minnesota's Institute on the Environment, where leading climate change research is happening. Hear directly from climate change and solutions experts, and engage with hands-on activities that will help bring these concepts to life in your classroom.

Join a network of teachers from across the country dedicated to bringing science, critical thinking, and problem solving about climate change into the classroom.

[Summer Institute for Climate Change Education](#)

Climate Generation: A Will Steger Legacy

June 26-28, 2017

University of Minnesota's Institute on the Environment
St. Paul, MN

Register at: <http://www.climategen.org/summer-institute>

Questions? Contact Megan Van Loh, Programs Coordinator [612-278-7147](tel:612-278-7147), megan@climategen.org

We are also holding an Institute for Non-formal Climate Change Education in March! Learn more information [here](#).

[Cereal City Science Workshops](#)

BCAMSC is offering additional workshops this March and June for teachers who were unable to attend the 2016 summer and fall workshops. If you have any questions regarding the science unit trainings, please call Cindy Older at 269.213.3824 or email cindy@bcamsc.org.

[BirdSleuth K-12 Program](#)

We are honored to have staff from the BirdSleuth K-12 Program at the Cornell Lab of Ornithology present "Gardening with *Habitat Connections*," a two-day, overnight workshop on Saturday and Sunday, March 25 - 26, 2017. Ideal for 3th-8th grade classroom teachers, this fun, hands-on training will help you build your skills both in and out of the classroom.

[ShipBoard Science - Sea Grant](#)

Are you a 4-12th Grade Educator interested in working beside scientists, participating in Great Lakes research? Do you want to incorporate more Great Lakes science into your students' learning? Apply for the Shipboard Science Workshop, July 8-14, 2017.

Summer Modeling Workshops

ATTENTION SCIENCE TEACHERS! Take a Modeling Workshop this summer. 60 summer Modeling Workshops in high school physics, chemistry, physical science, biology, and middle school science will be offered, in many states. Most are two or three weeks long.

Website: <http://modelinginstruction.org>

Workshop descriptions: <http://www.phystec.org/pd/?set=Modeling>

ABOUT MODELING INSTRUCTION:

Modeling Instruction is designated as an Exemplary K-12 science program and a Promising Educational Technology program by the U.S. Department of Education. Modeling Workshops are peer-led. Content is reorganized around basic models to increase its structural coherence. Participants are supplied with a complete set of course materials and work through activities alternately in roles of student or teacher, as they practice techniques of guided inquiry and cooperative learning.

Grants, Awards, & Contests

Project Lead The Way

The Michigan Mathematics and Science Center Network is pleased to announce that applications are now open for a grant opportunity funded by the MiSTEM Advisory Council (Section 99S3-1617) for Project Lead the Way (PLTW) District Scale-Up projects. The grant offers funding opportunity in two categories a ***District Sustainability/Capacity Building mini-grant*** and also a ***New Implementation District Scale-Up grant***.

- Release of Request for Proposals: **Monday, January 9, 2017**
- Deadline for submission of proposals: **Tuesday, February 28, 2017** at 11:59 PM
 - A completed grant application (fillable form) is due electronically in PDF form to: thayer@sresd.org
- Anticipated announcement of awards: **Wednesday, April 12, 2017**
- Funded projects may begin planning process immediately and **must** have all training and purchases completed on or before **September 15, 2017**.

Grant applications and a FAQ is available on the Capital Area Science and Math Center webpage: <http://www.sresd.org/District/Department/17-CASM>

Student Opportunities

National Youth Science Camp (NYSC)

The National Youth Science Camp (NYSC) is an honors program for two high achieving high school seniors from each state in the United States and others from around the world. Two high school seniors (eligible for graduation between July 1, 2016 and June 30, 2017) from Michigan will be selected for for this **all-expenses-paid** program. This summer residential program runs from June 14 - July 8, 2017.

The NYSC is one of the nation's premier programs in science education. Since its inception in 1963 as part of West Virginia's Centennial celebration, the residential summer program has offered educational forums and recreational activities that encourage the development of thoughtful scientific leadership. This camp is made possible through the planning and fund-raising of the National Youth Science Foundation.

Please refer applicants to the delegate website: <http://apply.nysc.org>

Again, Deadlines for online applications is **March 1, 2017** and the dates of NYSCamp are **June 14 - July 8, 2017**. Additionally, please visit our web sites at www.nysf.com and www.nysc.org. You'll find some great testimonials from recent delegates about the value of the NYSC

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.