

INTERCHANGE

NEWSLETTER

ENGAGING AND ADVANCING LEARNERS OF MATH AND SCIENCE, PRE-K TO GREY

From the Regional Math and Science Center at Grand Valley State University
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Summer STEM Camps!

The Grand Valley State University Regional Math and Science Center is excited to inform you of STEM camps being offered this summer for middle school students! Energizing Our World is a day camp designed to spark interest in renewable energy. sHaPe Camp is a day camp program designed to introduce students currently in the 7th and 8th grades to the health professions.

[STEM Camps full article](#)



[Calendar of Events](#)

CONNECTIONS FOR THE STEM CLASSROOM

MICROBES!

Small Things Considered: How Very Tiny Housekeepers Run Our Very Big Hydrosphere

Bopi Biddanda, Tony Weinke, Jasmine Mancuso, Annis Water Resources Institute, Grand Valley State University, USA, Deb Dila, School of Freshwater Sciences, University of Wisconsin-Milwaukee, USA, Mani Villar-Argaiz, Juanma Medina-Sánchez, Juanma González-Olalla and Pre Carrillo, Instituto del Agua and Departamento de Ecología, University of Granada, Spain

[Connections for the STEM Classroom full article](#)

**High School Seniors – Apply now
for the Dockeray Scholarship**



The Mary Jane Dockeray Scholarships are awarded each Spring to graduating high school seniors in the Kent, Muskegon, and Ottawa Intermediate School Districts who are interested in pursuing a career in science.

The scholarships honor the legacy of Mary Jane Dockeray (1927-2020), an enduring naturalist and founding director of the Blandford Nature Center in Grand Rapids.

[Dockeray Scholarship full article](#)

Attend the 2021 Mosaic Lecture Series: Celebrating Diversity in the Mathematical Sciences

A Dream Deferred: 50 Years of Blacks in Mathematics

Dr. Edray Goins, Professor of Mathematics, Pomona College, will provide a tour of the mathematics done by African and African Americans over the past 50 years. March 16, 2021, 7:00 p.m.

[Mosaic Lecture full article](#)



MiSTEM Playbook Grant Opportunity - Apply Today!

The MiSTEM Network is excited to announce a new grant opportunity for districts that are reimagining STEM education using transdisciplinary approaches that empower teachers, integrate business and education to ensure high-quality STEM experiences for students.

[MiSTEM Playbook full article](#)



**VAN ANDEL
INSTITUTE®**

VAI Creates Inquiry with Customized Virtual Science Experiences

Van Andel Institute for Education is working diligently to supply teachers with the tools and resources they need to build engaging, inquiry-based classrooms. To better equip teachers and provide support during these times of constant change, VAI is now offering customized virtual science experiences for grades K-12.

[VAI Inquiry full story](#)

MY SO: Win a Ticket to the Monthly STEM Showdown

MY SO is a program created by the National Science Olympiad Organization to highlight specific STEM disciplines throughout the year. Each month, lesson plans, resources, and a STEM Connection are shared for free on the MY SO webpage. At the end of each month, students can compete in a nation-wide STEM Showdown!

[MY SO full article](#)

Join the Viewing and Discussion of *Picture a Scientist*

Picture a Scientist is a film that chronicles the groundswell of researchers who are writing a new chapter for women scientists. K-12 educators and the community are invited to view and discuss the film.

[Picture a Scientist full article](#)

March STEM Events and Awareness Days

Every season has reasons to celebrate STEM! Pi Day, Brain Awareness Week, Groundwater Awareness Week, National Learn about Butterflies Days, and more!

[STEM Awareness Days full article](#)

Check out the latest *MiSTEM Network- Greater West Michigan Region* Newsletter!



The MiSTEM Network – which is connecting education, business and community partners across the state – is working to transform the way Michigan does STEM.

[MiSTEM Network full article](#)

Greater West Michigan Region



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