



# INTERCHANGE NEWSLETTER

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

*From the Regional Math & Science Center at Grand Valley State University*

March 2020 | Volume 27, Number 2



## See Student Research in Action at GVSU

The Office of Undergraduate Research and Scholarship at GVSU would like to invite all area middle/high school students, teachers, parents and the general public to the 24th annual Student Scholars Day on **Wednesday, April 8, 2020** to learn more about how Grand Valley students are using their knowledge and skills to better our understanding of the world.

[Full Story](#)

## Monthly Newsletter Features

### Connections for the STEM Classroom

**Unpredictability, Ice, and Fire - A Climate Conversation with Bob Hollister**

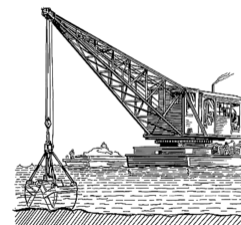
*By Monica Johnstone, PhD, Grand Valley State University*

[Full Story](#)

[Calendar of Events](#)

### Past and Present Effects of Dredging the Grand River

You are invited to attend a FREE presentation Tuesday, March 31, 2020 on the GVSU Allendale campus. [Full Story](#)



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## Students - Join the Fun at *sHaPe Health Professions Camp!*

sHaPe (Summer Health Activities and Professions Exploration) is a four-day introduction to health careers for boys and girls currently in middle school. The camp will be held July 13-16, 2020. Participants must be between the ages of 12 - 15 AND currently in 7<sup>th</sup> or 8<sup>th</sup> grade. [Full Story](#)

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## Attend the FREE *Energizing Our World Camp* at GVSU this Summer!

*Energizing Our World* is a four-day camp designed to spark interest in renewable energy. The camp runs June 15 - 18, 2020 (Monday through Thursday), 8:30 am - 3:30 pm each day, on the GVSU Allendale Campus. Participants must be between the ages of 11 and 15, currently in the 6th or 7th grade, and entering the 7<sup>th</sup> or 8<sup>th</sup> grade in fall 2021. [Full Story](#)

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## Jump Into the West Michigan Watershed

Jump into the West Michigan Watershed Project from June 8-12, 2020. There is an optional opportunity to co-teach the material within summer science camps. [Full Story](#)



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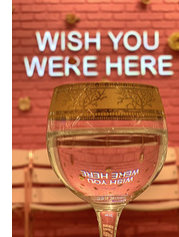
## 2020 March Climate Change Education Solutions

Join Climate Change Education Solutions June 10, 2020 as they share perspectives on Climate Change Education. [Full Story](#)

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## AAPT 2020 High School Physics Photo Contest

Registration for the 2020 High School Physics Photo Contest, sponsored by the American Association of Physics Teachers (AAPT), opens **March 1** and will close **May 15**. [Full Story](#)



## AAPT 2020 Summer Meeting

Join colleagues at the American Association of Physics Teachers 2020 Summer Meeting in Grand Rapids, MI, **July 18 - 22!** Don't miss the opportunity to learn from and network with leaders in the field! [Full Story](#)

## AWRI Seminar: Lessons from Past Warmth on Climate and Ecological Change

Join Annis Water Resources Institute (AWRI) Seminar Speaker, Ian Winkelstern PhD, Affiliate Professor at Grand Valley State University in Allendale, MI, as he discusses ecological and climate changes. [Full Story](#)



## STEM Events for March

Every season has reasons to celebrate STEM! [Full Story](#)

## Ranger Steve's Nature Niche: *Safe Passage* Research

A new research project coordinated by Linnea Rowse from Michigan Audubon in association with Michigan State University professors and Grand Valley State University uses salvage data to quantify how many birds and what species die by colliding with selected buildings on the MSU's campus, Lansing, GVSU and Grand Rapids. [Full Story](#)



## Van Andel Institute's *Science on the Grand* Coming this Summer!

Van Andel Institute for Education is hosting *Science on the Grand: A STEAM Conference for Inquiry-Based Instruction* for the third year on July 13 and 14 in Grand Rapids, MI. [Full Story](#)

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## Attend *Science on Tap!*

**March's Topic:** Why is \_(Fill in the Blank)\_ on Fire Again? And Other Burning Questions



Wildfires are in the news around the world and in many places are natural disturbances with plants and animals adapted to surviving with fire. [Full Story](#)

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