

Greetings from STEM@SVSU

Winter greetings from STEM@SVSU. We are so very pleased to share exciting STEM news with you from the teacher dinner in March to the long, long list of terrific summer activities.

And WOW-WOW-WOW! SVSU will host the state competition for FIRST in April.

The Great Lakes Bay Region really is becoming an incredible hub for STEM thanks to the fine work of so many educators and others in our region.

Enjoy reading your STEM update.



Carolyn Wierda
Executive Director
of STEM@SVSU
989-964-7151
ccwierda@svsu.edu



Adrianne Cole
STEM Program Manager
989-964-4058
acole@svsu.edu

IN THIS ISSUE . . .

- STEM Teacher Dinner Announced
- New Leadership Program Coming
- Summer Learning Opportunities
- SVSU to Host *FIRST* Competition
- New Mobile Lab Coordinator Hired

STEM Teacher Dinner Announced for March 15, 2017

The third annual SVSU STEM Teacher Dinner is planned for Wednesday, March 15 at 4:30 p.m. in Curtiss Hall Banquet Rooms A and B.

Why should you plan to attend?

1. Excellent keynote address by Dr. Terry Woychowski, Vice President, North American Test Operations for LINK Engineering Company
2. Delicious dinner
3. Many STEM door prizes
4. You will be among the first to hear all the details of upcoming summer events!

RSVP to Adrianne Cole (acole@svsu.edu) by March 3, 2017. Admission is free of charge.



We STEM.

New Middle and High Student STEM Focused Leadership Program Set for 2017-18

With wonderful support from The Dow Chemical Company, STEM@SVSU is proud to announce the launch of a new project for middle school and high school students in the Great Lakes Bay Region.

Chief Science Officers (CSO) are students elected to represent their school in STEM initiatives and participate in a yearlong STEM leadership project. Adrienne Cole, program manager of STEM@SVSU, will lead this new initiative with a kick off event on the morning of March 16.

An invitation to superintendents, high school and middle school principals, along with key STEM district leaders, has been sent. Adrienne Cole will coordinate this initiative.



Girl Scouts and Boy Scouts Come to SVSU for STEM Days

Saturday, February 25 will be the day for more than 75 Girl Scouts from the Great Lakes Bay Region to gather at SVSU for a STEM related day sponsored by Nexteer Automotive.

Boy Scouts will enjoy an engineering related day on Saturday, March 18.

SVSU faculty, staff and students are excited to lead the students in a great series of hands-on STEM activities!

High School Student Opportunities Abound for Summer 2017

STEM Scholars Network High School Camps

- Computer Science Explore June 19-23, June 26-29
 - The Health Science and Kinesiology STEM Camp July 17-21, July 24-27
 - STEM in Media – July 24-28, July 31- August 4
- For more information on how to register, contact Dr. Tamara Barrientos, tarizola@svsu.edu. Registration deadline is June 2 unless filled earlier.

NEW AT&T Residential STEM Camp set for June 19-23.

Questions related to the first-ever residential experience for 20 high school youth can be directed to Rajani Muraleedharan at rmuralee@svsu.edu.

Dow Science and Sustainability Education Center Research Opportunity for 20 high school students.

Program dates to be announced soon. Contact Adrienne Cole at acole@svsu.edu

Multiple Summer 2017 Opportunities for Teachers Announced

Dow Corning Foundation/SVSU STEM

Community Partnership – open to 20 teachers;

Dates are June 22-23, June 26-28 and July 24-28.

Contact Stephanie Brouet, sbrouet@svsu.edu

Dow Science and Sustainability Education

Center open to 10 teachers; dates to be announced.

Contact Adrienne Cole, acole@svsu.edu.

The Great Lakes Bay Region (GLBR)

Mathematics Specialist Certificate Programs

This certificate program is designed to increase student achievement by creating a cadre of Mathematics Specialists throughout the region. Modeled after the Virginia Mathematics Specialist Program, it will address multiple aspects of teacher preparedness: content knowledge, pedagogical knowledge, and leadership skills. Applications begin mid-February, program begins summer 2017. Target audience is middle school mathematics teachers throughout the the Great Lakes Bay Region. Contact Dr. Tamara Barrientos, tarizola@svsu.edu.

STEM Opportunities for ALL

- Interested in a free engineering curriculum for grades 4-8 developed by Smith College and Springfield Technical Community College, funded by the National Science Foundation? The project integrates STEM and literacy. Applications are being accepted for implementation in spring, summer or fall. Programs selected receive a \$500 stipend and free customized lessons. Application is quick and easy at goo.gl/forms/LcFmambLBHpK8Lmi2.
- Any Midland County high school student interested in attending SVSU to study in a STEM related field should contact the Midland Community Foundation for the Jim Malek STEM Scholarship.
- Check it out: Overdeck and Simons Foundations have launched an initiative for TEACHERS and out-of-school learning organizations to catalyze math and science beyond school walls in partnership with DonorChoose.org.



Great Lakes Bay Regional Alliance Hires New STEM Leader

A new position at the Great Lakes Bay Regional Alliance in Freeland, STEM Initiative Leader will be filled by mid-February. The individual will be hired to carry out the original STEM Initiative Study, including both business and education goals. The position has been funded for three years and is an exciting opportunity to grow with STEM as an economic driver benefitting all stakeholders.



FIRST Competition for State Championships will be held at Saginaw Valley State University

The state championship competition for FIRST Robotics will be held at the SVSU Ryder Center April 13-15.

SVSU is proud to host the competition for state teams involving more than 4,000 students from around the state. Mark it down on your calendar!



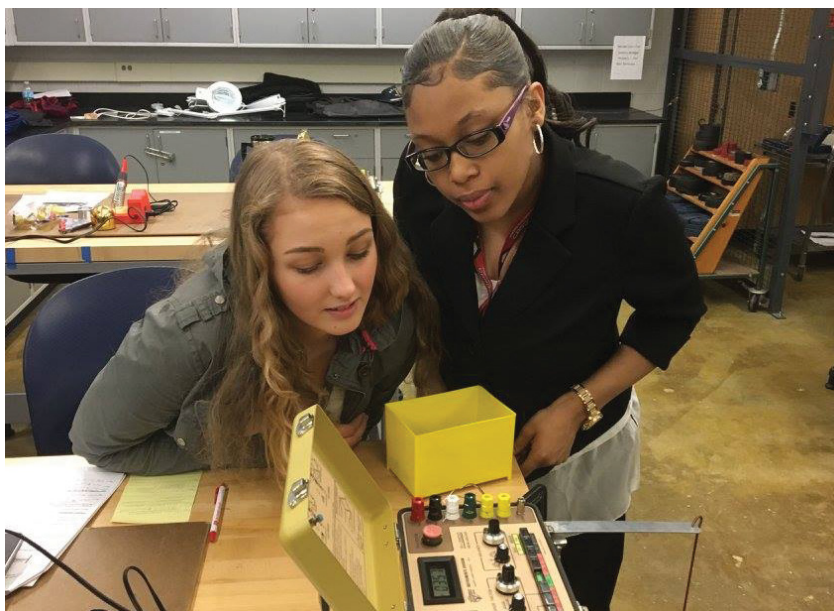
STEM Mobile Lab

If you are interested in booking the STEM Mobile Lab, please use the form on the website at svsu.edu/stem.

We are so pleased to welcome Dr. Betsy Diegel to our Mobile Lab staff to coordinate visits for elementary schools. Dr. Diegel, an SVSU biology graduate with an Ed.D in Educational Leadership is an enthusiastic individual who will make Mobile Lab visits a special learning experience. Options also are available for elementary schools to partner with our Math/Science Center for lab visits connected to Family Engineering Nights.

Our lab is not on the road during the winter months; however, visits to the lab on campus are possible. Visit the website to secure a visit soon.





STEM@SVSU

SCIENCE•TECHNOLOGY•ENGINEERING•MATHEMATICS
svsu.edu/stem

SVSU will provide reasonable accommodations for those persons with disabilities. Individuals who wish accommodations should contact the Conference Center at SVSU at 989-964-4348 at least three days prior to need. SVSU does not discriminate based on race, religion, color, gender, sexual orientation, national origin, age, physical impairment, disability or veteran status in the provision of education, employment and other services.

Ucomm 0107717