



ACADEMIC *Accolades*

FROM THE DESK OF DR. ROSE DAVIDSON, CURRICULUM DIRECTOR

eCYBERMISSION

Congratulations to Freshmen Honors Biology students who successfully completed their team projects in the Ecybermission competition.

eCYBERMISSION is a web-based STEM Competition for students in grades 6-9. Students form teams of 2-4 students and work with a Team Advisor to explore a community problem or try to solve a community problem.

eCYBERMISSION is one of the programs offered by the United States [Army Educational Outreach Program](#), AEOP with the help of mentors and volunteers.

St. Joe eCYBERMISSION Teams				
Angels	Dunder Mifflin	Earth Rocks	SJA Lab Rats	St. Joe Angels
Josephine Carollo	Carson Bennett	Isabella Jaramillo	Ashley Calais	Emma Kelly
Alice Kennedy	Paige Evans	Ava Muehlemann	Josephine Duke	Abigail Moriarty
Elizabeth Patritti	Annie Renetzky	Jillian Soucek	Molly Pardeck	Gabriella Wyatt
Mrs. Katie Lodes, Team Advisor				

One of our teams, the St. Joe Angels, was recognized as First Place for ninth grade in the Missouri State Competition and went on as Regional Finalists in the National Competition.



The question they were exploring was **Is the tableware from our school compostable?**

Congratulations to **Emma Kelly**, **Abigail Moriarty**, and **Gabriella Wyatt** for their eCYBERMISSION success!

Each of these students was awarded a \$2000 United States Savings Bond.



Student Opportunities

If you are interested in finding a summer program, it is not too late! Two summer programs are shown below, one with a deadline of Friday, May 13. The listing of additional summer opportunities can be found [here](#).

The Bridge Program Summer Academy, UMSL

The Summer Academy offers academic enrichment courses in mathematics, science, written and oral communication, career research, personal and professional development and college planning. Courses are held June 20-July 15, 2022, from 8 a.m.-12 p.m. daily, for current freshmen and sophomores. Funding for this program is provided by donors and UMSL.



Application deadline: 5/13/2022

UMKC Pharmacy Summer Camp

Interested in an exciting, constantly changing career in health? Join us for a one-day, fun-filled pharmacy camp in June!

- › Take part in making actual medicine in the compounding lab, that you'll take home and participate in hands-on activities.
- › Hear from community pharmacists about their daily roles!
- › Interact with clinical pharmacists in specialty practices such as oncology, pediatrics, cardiology, emergency room, and more!
- › Learn from School of Pharmacy faculty and students about what it is like to be a member of UMKC at all three locations.

Any student who has completed 9th grade or above, current college students, or individuals looking for career change are encouraged to attend!

Friday, June 3, Columbia, MO (University of Missouri Campus)

Friday, June 17, Springfield, MO (Missouri State University Brick City Campus)

Friday, June 24, Kansas City, MO (UMKC Health Sciences Campus)

All three camps are first come, first served. Click [here](#) to find out more



Chemistry classes recently made "elephant's toothpaste" in the lab. They decomposed different concentrations of hydrogen peroxide into water and oxygen using yeast as a catalyst and used dish detergent to make the oxygen gas being given off more visible. They found the higher percentage of hydrogen peroxide gave a higher yield of the product.



Environmental Science students are learning about the [Deepwater Horizon oil spill](#) of 2010 in the Gulf of Mexico. They completed a lab to see how well different independent variables cleaned up the oil. Out of all of the variables tested (gravel, sand, oil eating bacteria), the oil eating bacteria cleaned up the oil the best.

