Greetings from Biological Sciences!

This semester has been a whirlwind of activity in the Department. We welcomed two new microbiology faculty: Drs. Emily Rosowski and Anna Seekatz. The Eukaryotic Pathogens Innovation Center (EPIC) celebrated its 6th birthday and continued working to understand the molecular mechanisms of some of the most devastating human diseases. We engaged with school children through a musical theater production to promote marine conservation. The department also hosted speakers from across the country who shared their knowledge and expertise on diverse topics spanning from Molecules to Ecosystems.

As we move into the homestretch before May graduation, we emphasize our appreciation of your support of all our Tigers! Come visit us in person or on Facebook to see more.

Interim Chair Saara DeWalt joined microbiologist Dr. Vincent Richards, The Cub, undergraduate Elizabeth Lawson and graduate student Lauren O’Connell at a recent College of Science reception.

NIH grant supports research study of tooth decay in young HIV patients

Much of the research concerning the human microbiome focuses on the gut and the influence that diet and nutrition have on the microorganisms in our digestive systems. Fewer studies consider the mouth, and few that do look at our oral microbes, which branch specifically from those living in the gut. Some recent studies in our lab have examined a different microbiome, one that also affect HIV infection in young children. Specifically, a new $1.85 million R-01 grant to study the association between tooth decay and HIV infection in a population of children from Nigeria.

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DeWalt's research on tree diversity in tropical forests featured in Science Advances

Chris Parkinson lab research on Mojave rattlesnake venom

David Feliciano lab debuts TIGER mouse model for neurological ailments

Biological sciences major presents research on a hydropower project in Haiti

Find out more about the Department of Biological Sciences