

## Kaylie DeYarman

### Bachelor of Science (B.S.), Biology 2015

Kaylie is a native of Monroe, which is just across the border from Toledo in Michigan. She chose to attend the University of Toledo because of her family involvement with the college and the close proximity to her home. Kaylie's grandfather was a professor at UT and her father is an alumnus. She continued her family connection to UT by pursuing a degree in ecology and organismal biology.



During her time at UT, Kaylie conducted undergraduate research with Dr. Bridgeman at the Lake Erie Center. She worked in his aquatic ecology lab studying the harmful algal blooms on Lake Erie. Her research in the field included sampling with state-of-the-art sonde equipment using the Lake Erie Center's research vessel. The data collected included dissolved oxygen saturation, pH, nitrogen, phosphorus, chlorophyll and cyanobacterial cells. Her data collection provided research information to help predict harmful algal blooms.

After her graduation in the fall of 2015, Kaylie took a position as an intern in a western Lake Erie limnological laboratory. She continued working with sonde equipment for data collection and research. In 2016, Kaylie left her internship for a position as water quality monitor and volunteer coordinator at the Black Swamp Conservancy.

Later in 2016, Kaylie started a Master of Science degree program in Development Practice at Trinity College Dublin/University College Dublin in Ireland. She decided to use her degree from the University of Toledo to work for international sustainable development, with a focus on climate change, environmental sustainability and access to clean water for impoverished communities. Kaylie targeted this graduate program because it allowed her to combine her interest in environmental conservation and humanitarian efforts. It also allowed her to explore exciting regions of Europe and northern Africa!

"I was fortunate enough to go out sampling on one of the University of Toledo's research boat and work with research equipment and aid in data collection. That was truly a great experience. As an undergraduate student, please take advantage of such opportunities. There are lots of them at UT and you will never regret it."