

James Moriarty

B.S. Environmental Sciences (spring 2014)

Jim Moriarty is an Ohio native and a die-hard Cleveland Cavaliers fan. He graduated in May of 2014 with a B.S. in Environmental Sciences. During his undergraduate studies he did honors research under Dr. Hans Gottgens. Using field collections, he compared the efficiency of two different sampling techniques to collect stream fishes. As a result of his research efforts, he was invited to present his findings at the National Conference on Undergraduate Research (NCUR) at the University of Kentucky in April 2014.

Jim is currently working at the Toledo-Lucas County Health Department as a Water Quality Sanitarian helping to improve the water quality in the waterways of Lucas County. His responsibilities include monitoring waterways throughout the county, testing water for bacteria and other indicators of pollution, and inspecting both private and public properties to ensure that no nuisances are created that might harm water quality. In the summer of 2014, Jim also worked as a Laboratory Technician with the Toledo Area Sanitary District where he collected samples as part of the mosquito monitoring program and delivered mosquito-fish to county residents for backyard mosquito control.



“I learned in DES that the faculty members are very willing to help students pursue their goals. All it takes is a little initiative on the students’ part! If you find a professor that does research in an area that interests you, just talk to them about it and, before you know it, you have your own research project. Overall I would have to say that my experiences in DES and UT were some of the greatest I’ve had and would do it all again in a heartbeat”.