



Katherine Buschang

MHS IN ONE HEALTH

Why did you choose the University of Florida?

Katherine has a strong interest in pathogens and first heard of UF through information regarding the Emerging Pathogens Institute and was instantly intrigued. She then discovered the University of Florida's amazing One Health program that she believes will allow her to take a multidisciplinary approach to public health with professors conducting research in her fields of interest and knew she had to go there!

What philosophy guides you in your education?

"You are braver than you believe, stronger than you seem, and smarter than you think." –A.A. Milne Academic success did not come naturally to Katherine, however, she always enjoyed the challenge of proving to herself that she was smarter than she originally thought. The sense of achievement and love of learning drives her to continue her education as she learns new things all the time. She believes that through her educations she can do better, do more, and contribute more to the betterment of society. She believes her learning will never be complete.

If you could solve one environmental and/or global health problem, what would it be?

Katherine would solve climate change and its repercussions on disease, for example eliminating the increasing niches of vectors for diseases such as dengue and malaria.

Educational Background

Bachelor's of Science in Biology with a minor in Chemistry and certificate in Technical Communications from The University of North Texas in 2019.

Research Experience

- Worked in an aquatic toxicology/community ecology laboratory as an undergraduate student helping out on multiple graduate students' projects (i.e., oil exposures on larval drum)

Research Interests:

- epidemiology
- parasitology
- infectious diseases
- disease ecology.

Career Goals

Katherine would like to eventually obtain her PhD and work in academia continuing her own research or work for an organization such as the CDC or WHO.