

## **Vice President of Education**

**Full Name:** Emily Hardgrove

**Country:** United States

**University Currently Attending:** Virginia Maryland College of Veterinary Medicine at Virginia Tech

**Year in Program:** First Year- DVM/MPH

**Previous Degrees:** B.S., Duke University

My primary interests are infectious disease and wildlife conservation. While I began my undergraduate research with a passion for marine mammals (studying acoustics of dolphins at the Duke Marine Lab) I became increasingly interested in disease and One Health at The Marine Mammal Center in California. In addition to working with animal health and husbandry, I did a research project on the impact of parasites on domoic acid toxicosis California sea lion patients. Studying abroad in South Africa, for my final capstone field research class, my team chose the disease ecology of schistosomes, a blood fluke with devastating medical and economic impact second only to malaria. After the program ended, I continued studying infectious diseases working with Dr. Beechler, from Oregon State University College of Veterinary Medicine, on her study of foot-and-mouth disease in Cape buffalo. I was able to focus on the livestock component of public health as a research assistant in Dr. Foster's lab at North Carolina State University College of Veterinary Medicine studying antimicrobial resistance in cattle. To culminate these interests as well of years of work in the veterinary department at the Duke Lemur Center, for my senior thesis I did a project on the possible spread of *Cryptosporidium* between mice and lemurs at the center. Lastly, this past summer, I interned with the Hawaiian Monk Seal Research Program, analyzing their wild monk seal vaccination data. I am excited to continue projects in One Health as a dual degree student and member of the SOH.

