

Microbiology

Venue- Eaton Hall, Seattle Pacific University

Hospital-associated infections account for tens of thousands of deaths in the U.S. per year and cost the healthcare system billions of dollars. In Microbiology, we are learning how we can combat these catastrophic numbers by diving deep into the study of microorganisms along with how they cause infectious diseases. Topics that we cover include culturing bacteria, exploring our microbiome, and identifying different types of pathogens at a microscopic level. During the week we fill the shoes of a microbiologist, epidemiologist, and even a doctor as we complete a case study about a patient at risk of acquiring a hospital-associated infection (HAI). Our success is determined by our ability to solve medical mysteries and keep our patient healthy.