

F25.23: Advancing a Canine Anti-Tick Vaccine to Prevent Rocky Mountain Spotted

Fever

Overview

Seeking a motivated, hard-working undergraduate researcher to work on a research project focused on the ticks that vector the human disease Rocky Mountain Spotted Fever. Work will entail developing new genotyping approaches for the ticks and advancing anti-tick vaccine targets.

What the student will DO and LEARN

Student will learn high-tech genetic and microbiology techniques by doing these techniques under the supervision of highly-skilled, PhD-level scientists. They will learn how professional science works by participating in multiple funded research projects that will lead to new scientific advances and publications.

Additional benefits

Getting to work in an internationally-recognized research center with top-notch faculty, staff, and other students. Exposure to cutting-edge research.

Additional qualifications

N/A

Time commitment

6 hrs/week for 30 weeks