**Project Name**  
Epidemiology of Tick-Borne Diseases in North Carolina  

**Faculty Mentor**  
Dr. Ross Boyce, Epidemiology and Infectious Disease  

**Project Description**  
The study employs a prospective, longitudinal cohort design. Individuals suspected of having tick-borne disease will be recruited from health facilities that submit samples to McLendon Clinical Laboratories. Eligible patients will be contacted by phone and consented for follow-up. Participants will be followed for a period of approximately 90 days after the initial encounter. Specific study activities include completion of online surveys, an entomological survey of the likely exposure site, and an in-person visit at 3-4 weeks, which is considered standard-of-care. Remnant clinical samples, including from those who do not participate in the longitudinal study, will be retained and stored for future research after routine testing is complete.

**Scope of Work for Internship**  
The intern would work with study coordinator and team to assist in screening/recruitment of participants, data capture, development of new recruitment materials, interval analysis of data, and dissemination. There may also be opportunities to work on related projects within the Vector-Borne Disease Epidemiology, Ecology, and Response (VEER) Collaboration.

**Expected Deliverables**  
- Recruitment materials  
- Social media  
- Data analysis  
- Posters

**Preferred Skills**  
- Web design/social media  
- Basic statistical methods  
- REDCap

**Time Commitment & Mode**  
Full time; in-person or hybrid