

POSITION ANNOUNCEMENT:

PhD or MS Student in Mastitis and Mammary Physiology

Advisor: Dr. Benjamin Enger

Are you interested in increasing your understanding of dairy cattle health, mastitis, and mammary gland biology and how they affect milk production? The Mastitis and Mammary Physiology Laboratory located in Wooster, Ohio focuses on these questions to improve dairy cattle health and productivity. Located in the largest dairy county in the state, Wooster, Ohio has a cozy small-town feel surrounded by farmland and Amish country. Our laboratory group focuses on group collaboration and professional development to help you achieve your professional and academic goals and begin your future career.

The Mastitis and Mammary Physiology Laboratory led by Dr. Enger in the Department of Animal Sciences at The Ohio State University is seeking applications for a full time MS or PhD student. We are seeking a highly motivated, inquisitive student interested in investigating mammary physiology and the consequences of intramammary infection on mammary gland function. The student would be responsible for conducting *in vivo* experiments with dairy cattle and evaluating collected mammary tissues using microscopy and molecular techniques. Previous studies of the laboratory use both applied and basic approaches to answer fundamental questions pertaining to mammary physiology, and mastitis pathology.

Preferred qualifications of a potential PhD student would be a MS in Dairy Science, Animal Science, Veterinary Science, Biology, a related field, or a student with a DVM that has an interest in understanding mammary physiology. Students seeking a MS degree area also encouraged to apply. The successful candidate would work in a team setting with other laboratory members, the laboratory technician, and the advisor, as well as work independently. The student should have excellent oral and written communication skills, be detail oriented, self-driven, and have excellent record keeping. The successful candidate will be provided a graduate student stipend and have tuition covered during their degree.

Interested individuals should contact Dr. Enger (enger.5@osu.edu) and provide their transcript, CV, and a writing sample.