

## MS and Ph.D. Student in Mastitis and Mammary Physiology

PI: Dr. Benjamin Enger

The OARDC 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 MS student and PhD student. We are seeking highly motivated, inquisitive students interested in investigating mammary gland physiology and milk synthesis and secretion. The student would be responsible for conducting *in vivo* experiments and evaluating collected blood, milk, and mammary tissue samples for study. Experiments will utilize both applied and basic research methods to answer fundamental questions pertaining to mammary gland function during non-lactating and lactating states. A specific focus will be investigating how mammary gland blood vessels achieve delivery substrates during different physiological states and production levels.

Preferred qualifications of the students would be a BS and/or 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. The student would work in a team setting with other laboratory members, the laboratory technician, and the PI. The student should have excellent oral and written communication skills, be detail oriented, self-driven, and have excellent record keeping. The student will work closely with laboratory members but must also be capable of working independently. The successful candidate will be provided a competitive graduate student stipend and have tuition covered during their degree.

Interested individuals should contact Dr. Enger ([enger.5@osu.edu](mailto:enger.5@osu.edu)) and provide their CV or resume and a writing sample. We look forward to hearing from you.