



Breanna Sheahan



Graduate Research Assistant

- D.V.M., University of California – Davis
- M.S., Veterinary Clinical Medicine, University of Illinois – Champaign-Urbana

Mentor:

Chris Dekaney, PhD

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Gastrointestinal Damage and Repair

Research emphasis:

Dr. Sheahan's research focuses on mechanisms of intestinal repair following damage, including chemotherapy-induced damage. Dr. Sheahan is particularly interested in understanding the dynamic relationship between the intestinal stem cells and their supporting cells within the context of intestinal damage. Her previous clinical research focused on lactate metabolism in healthy and critically ill equine neonates. As a ACVIM (large animal) residency trained veterinarian, Dr. Sheahan brings a clinical perspective to the Dekaney lab.

Applications:

- Models of Intestinal Damage and Repair
- Intestinal Stem Cell Niche

Research Strengths:

- Intestinal Crypt Culture
- Models of Equine Disease

Publications and Abstracts:

Sheahan BJ, Whitton S, Lascola KM, Joslyn S, Austin S. What Is Your Diagnosis? Basilar Skull Fracture in a Horse. *Journal of the American Veterinary Medical Association*. 2017; 250(2):161-164.

Sheahan BJ, Wilkins PA, Lascola KM, Martin V, Po E. L-Lactate area (LAC_{Area}) in neonatal foals from birth to 14 days of age. *Journal of Veterinary Emergency and Critical Care*. 2016; 26(2):305-309.

Sheahan BJ, Wilkins PA, Vander Werf KA, Castagnetti C, Hardy J, Schoster A, Boston RC. Correction of the Area Under the 24-Hour L-Lactate Time Curve for Age in Sick Neonatal Foals. Proceedings AAEP Annual Meeting, 2015.

Wilkins PA, **Sheahan BJ**, Vander Werf KA, Castagnetti C, Hardy J, Schoster A, Boston RC. Preliminary Investigation of the Area Under the L-Lactate Concentration-Time Curve (LAC_{Area}) in Critically Ill Equine Neonates. *Journal of Veterinary Internal Medicine*. 2015; 29(2):659-662.