



Andrew Smith



Graduate Student and
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Pre and Probiotics in Swine

Research emphasis:

Mr. Smith's interests include how different pre and probiotic treatments affect the gastrointestinal tract's morphology, physiology and colonization of microbiota. He is also interested in using the swine model as an application for human gastrointestinal research.

Applications:

- Swine Model

Research Strengths:

- Gas Chromatography

Publications and Abstracts:

S.K. Jacobi, X. Lin, C. Malteca, L. Borst, **A. Smith**, and J. Odle. Dietary Prebiotics and Arachidonic Acid Modulate Intestinal Injury and Microbial Taxa Following Acute Dextran Sodium Sulfate Colitis in Formula-Fed Piglets, Abstract

P. Brandon, J. Zhao, J. Hicks, Y. Zhang, **A. Smith**, H. Liu, J. Odle and X. Lin. Effect of Medium Chain Triglycerides on TCA and Ketogenic Capacity of Proximal Intestinal Fatty Acid Oxidation in Colfibrate Fed Newborn Pigs, Abstract