

## **Dr. Katie M. Wood, University of Guelph**



**Dr. Katie M. Wood** is an Assistant Professor in Ruminant Nutrition and Physiology (Beef and Small Ruminants) in the Department of Animal Biosciences at the University of Guelph. After completing an NSERC Post-Doctoral Fellowship focusing on gut health and barrier function at the University of Saskatchewan, Dr. Wood joined the University of Guelph in 2016 and has since secured over \$4 million dollars in funding. Her research program integrates both basic and applied scientific approaches with the goal of improving feed efficiency in feedlot and cow/calf operations. Some of these approaches include: understanding molecular mechanisms influencing metabolism and cost of maintenance, novel feeding strategies and feed additives, improving gut health, and using management practices like developmental programming to improve animal growth, health, and feed efficiency. Dr. Wood has over 22 peer-reviewed publications and over 50 conference abstracts. Outside of academia, Dr. Wood continues to keep one foot in the livestock industry, raising and marketing purebred Simmental cattle and Polled Dorset sheep.