

Mike Van Amburgh
Cornell University

Mike Van Amburgh is a Professor in the Department of Animal Science and a Stephen H. Weiss Presidential Fellow at Cornell University where he has a dual appointment in teaching and research.

His undergraduate degree is from The Ohio State University and his Ph.D. is from Cornell University.

He teaches multiple courses and leads the Cornell Dairy Fellows Program, advises approximately 30 undergraduate students and is the advisor for the Cornell University Dairy Science Club.

Mike currently leads the development of the Cornell Net Carbohydrate and Protein System (CNCPS/CPM Dairy), a nutrition evaluation and formulation model used worldwide. Through the modeling effort, he focuses on enhancing the efficiency of nutrient use by ruminants to improve the environmental impact of animal food production. A significant component of his current work is to understand whole animal and ruminal nitrogen metabolism and amino acid supply and requirements to enhance the development of the Cornell Net Carbohydrate and Protein System. Further, his group is active in developing methods to better describe the interaction between forage and feed chemistry, rumen function and nutrient supply to compliment the model.

He has authored and co-authored over 100 journal articles and many conference proceedings and is the recipient of several awards including the American Dairy Science Foundation Scholar Award, the Land O'Lakes Teaching and Mentoring Award from ADSA, the American Feed Ingredient Association Award for Research, Journal of Dairy Science Most Cited Award, the CALS Professor of Merit Award and the CALS Distinguished Advisor Award. In 2016, he was named a Stephen H. Weiss Presidential Fellow, the highest teaching award given by Cornell University.