



**Daniel Buskirk** is an Associate Professor of Animal Science specializing in Beef Cattle Nutrition at Michigan State University.

Dr. Buskirk has statewide Extension responsibilities in the area of beef cattle nutrition and management. He conducts statewide beef programming, including leadership for the Michigan Cattlemen's Association/MSU Performance Bull Test, Michigan Beef Quality Assurance, and Co-editor of the *Cattle Call* newsletter. He is a member of the MSU Beef Team, and has regularly served as the campus Co-Chair.

Dr. Buskirk is responsible for teaching Introductory Beef Cattle Management (ANS 222) and Advanced Beef Cattle Feedlot Management (ANS 422). In addition, he presents guest lectures for a number of Animal Science and Large Animal Clinical Sciences courses.

A large portion of Dr. Buskirk's work at Michigan State University is writing grants for research and extension programs. Since 1997, Dr. Buskirk has received \$4,077,807 total funding for grants he has written.

Prior to 2008, Dr. Buskirk's appointment was 50% Extension and 50% Research. Over his thirteen years of research at Michigan State University, he investigated beef adipocyte development, the effect of non-abrupt weaning systems on performance and immune responses in beef calves, and the effect of pasture supplementation with dried distillers grains on performance and carcass traits of beef steers. He also obtained a patent for the use of ibuprofen to enhance intramuscular fat in livestock. His research has been published in the *Animal Science Journal* 50 times and he has written over 60 research reports for Michigan State University.

In 2007, Dr. Buskirk worked diligently with the MSU Beef Team, Michigan Cattlemen's Association, Michigan Department of Agriculture, Michigan Farm Bureau, and United Producers, Inc. Their shared goal was to enhance the adoption of mandatory RFID by Michigan Cattle Producers. In a cooperative effort, they developed an educational task force to enhance adoption of RFID by Michigan cattle producers. The objectives of the task force were to develop, deliver, and assess the impact of an educational effort to enhance adoption of RFID of cattle in Michigan.

Dr. Buskirk earned a Ph. D. in Ruminant Nutrition at the University of Illinois, a master's degree in Ruminant Nutrition at Purdue University, and an undergraduate degree in Animal Science at Purdue University. He is an active member in the American Society of Animal Science, American Registry of Professional Animal Scientists, National Cattlemen's Association, American Forage and Grassland Council, Michigan Cattlemen's Association, Michigan Hay and Grazing Council, and MSU Extension Specialists Association. He has also served as a major advisor for five graduate students, and as a guidance committee member for an additional seven graduate students.

Daniel Buskirk grew up on a farm in Fort Wayne, Indiana. He has been married to his wife, Jennifer Buskirk, for twenty-three years. They have four children – Lauren, Janna, Wesley, and Landon.