

Author Biographies

Jennifer Minick Bormann

Assistant Professor

KANSAS STATE UNIVERSITY

Originally from Muscatine, Iowa, Dr. Jennifer Minick Bormann, grew up working on a small purebred cattle and horse operation. She earned a B.S. in animal science from Iowa State University in 1997, a M.S. in animal science from Oklahoma State University in 1999, and a Ph.D. in animal breeding and genetics from Iowa State University in 2004. She joined the faculty at Kansas State University in 2004 as an assistant professor with a 75% teaching and 25% research appointment. Jenny specializes in beef cattle breeding and has worked on a number of projects including collaborations with the NCBA and the American Angus Association. Currently she teaches or co-teaches genetics, animal breeding, advanced animal breeding, equine genetics, equine lab, and freshman honors seminar, as well as advises undergraduate students and the KSU Pre-Vet Club.

Darrh Bullock

Extension Professor

UNIVERSITY OF KENTUCKY

Darrh Bullock grew up on his family's commercial cattle/watermelon farm in north-central Florida. He received his Bachelors degree from Auburn University and started his career as herdsman at Auburn's Lower Coastal Plains Experiment Station. He returned to school and received his Masters degree from Auburn University and Doctorate from the University of Georgia. Darrh joined the faculty at the University of Kentucky in 1992 as an Assistant Extension Professor and currently holds the rank of Extension Professor. His responsibilities are for state-wide education in beef production with an emphasis in breeding management. Darrh has served as Eastern Region Secretary of the Beef Improvement Federation, represented the US on the International Committee for Animal Recording Beef Working Group and is currently a member of the Scientific Council for the National Beef Cattle Evaluation Consortium where he serves as co-coordinator of educational programs.

R. Mark Enns

Associate Professor

COLORADO STATE UNIVERSITY

Mark grew up working on the family's 4th generation wheat and cattle operation in northwest Oklahoma. He received his undergraduate degrees from Tabor College, and Masters and Doctorate degrees in Animal Breeding and Genetics from Colorado State University. He then worked two years in New Zealand for Landcorp Farming Ltd, the largest ranching company in that country, where he was charged with developing and implementing genetic evaluation and selection procedures to improve the profitability of the company. Upon his return to the United States, he spent 4 years at the University of Arizona, before

returning to Colorado State University in 2001. Mark teaches both undergraduate- and graduate-level courses in animal breeding and integrated resource management. His research focuses on methods for the genetic evaluation and selection of animals that are adapted to their production environments and will increase profitability. These interests include genetic improvement of female fertility, cow maintenance requirements, feedlot finishing time, and susceptibility to disease. Mark serves on the Scientific Council for the National Beef Cattle Evaluation Consortium and the Board of Directors for the Beef Improvement Federation.

Dan W. Moser

Associate Professor

KANSAS STATE UNIVERSITY

A native of northeast Kansas, Moser received his B.S. in 1991 from Kansas State University, then earned his M.S. (1994) and Ph.D. (1997) from the University of Georgia in Beef Cattle Breeding and Genetics. He currently serves as Associate Professor in the Department of Animal Sciences and Industry at K-State. He teaches courses in genetics and animal breeding, and serves as advisor to undergraduate and graduate students. His recent research has focused on the use of ultrasound measures in national cattle evaluation for carcass traits, and the impacts of selection for carcass traits on cow reproduction and efficiency. He served as Breed Association Liaison for the National Cattlemen's Beef Association's Carcass Merit Project, a research project studying the genetics of beef tenderness and other carcass traits in fourteen breeds of cattle. Formerly, he served on the board of both the National Beef Cattle Evaluation Consortium and the Ultrasound Guidelines Council. He is a consulting geneticist for the American Hereford Association, and faculty coordinator for the K-State Purebred Beef Teaching Unit. He remains active in his family's Hereford seedstock operation.

Janice M. Rumph

Senior Scientist

PFIZER ANIMAL GENETICS

Janice Rumph is a native of southeast Michigan where she grew up on a small livestock and fruit operation. Janice received her B.S. degree in Animal Science from Michigan State University and her M.S. and Ph.D. degrees from the University of Nebraska-Lincoln, also in Animal Science. While in graduate school, Janice completed research internships with the U.S. Meat Animal Research Center, the North American Limousin Foundation, and the Red Angus Association of America. Since attainment of her doctoral degree, Janice has been an Assistant Professor in the Department of Animal and Range Sciences at Montana State University and Livestock Extension Educator and Adjunct Associate Professor in Animal Science at Michigan State University. She currently is a Senior Scientist with Pfizer Animal Genetics in Kalamazoo, Michigan.

Matt Spangler

Assistant Professor

UNIVERSITY OF NEBRASKA-LINCOLN

Matt Spangler grew up on a diversified crop and livestock farm in south-central Kansas where his family still farms and has a cow/calf operation. After receiving his B.S. degree in Animal Science from Kansas State University (2001) he attended Iowa State University and received his M.S. degree in Animal Breeding and Genetics in 2003. He received his Ph.D. at the University of Georgia in Animal Breeding and Genetics (2006) and is currently an Assistant Professor and Extension Beef Genetics Specialist at the University of Nebraska-Lincoln. Matt focuses on developing and delivering extension material related to the genetic improvement of beef cattle, within Nebraska and nation wide. The majority of this effort is centered on the use of genomic tools. From a teaching perspective, he coordinates the Nebraska Beef Industry Scholars program and is responsible for the UNL teaching herd and annual bull sale. His research interests include the integration of molecular data into national cattle evaluations. He has served on the Ultrasound Guidelines Council, is a member of the National Beef Cattle Evaluation Consortium Producer Education Team, and serves as a member of the Editorial Board for the Journal of Animal Science.

Daryl Strohbahn

Professor Emeritus

IOWA STATE UNIVERSITY

Daryl Strohbahn was raised on a family-owned cattle and grain farm in northeast Iowa. He received his bachelor's degree from Iowa State University in animal science, and his master's and doctorate degrees from Michigan State University. Strohbahn joined the faculty at Iowa State University in 1974 and retired in 2010 and is currently Professor Emeritus of Animal Science. Strohbahn coordinated outreach efforts in cow-calf production in Iowa for over 36 years with assistance from field staff specialists and other central staff members. He was recognized in the Corn Belt for his work in cow-calf production systems that utilized on-farm resources and correct genetic systems to yield profit. In addition, regional and national educational efforts were done with the National Cattlemen's Beef Association, National Beef Cattle Evaluation Consortium, Beef Improvement Federation, and the Forage and Grassland Council.

Alison Van Eenennaam

Cooperative Extension Specialist

UNIVERSITY OF CALIFORNIA-DAVIS

Alison Van Eenennaam joined the faculty of the Department of Animal Science as a Cooperative Extension Specialist in Animal Genomics and Biotechnology at the University of California in Davis in 2002. She received her B.S. degree in agricultural science from the University of Melbourne in Australia, and an M.S. in animal science and Ph.D. in genetics from U.C. Davis. Her Animal Genomics and Biotechnology Extension program examines the various pros and cons associated with animal biotechnology, broadly defined as "the application of science and engineering to living organisms." She has focused her program on generating research information and educational materials on the use of DNA information in livestock production systems. Her research interests include the application of DNA-based biotechnologies to the beef cattle industry, and the transgenic modification of milk lipids for the improvement of human health. She has developed a variety of extension programming for beef cattle producers on topics ranging from cloning to marker-assisted and whole-genome enabled selection. Since 2005 she has served as the extension representative on the National Beef Cattle Evaluation Consortium (NBCEC) Industry Council.

Bob Weaber

Assistant Professor

UNIVERSITY OF MISSOURI

Bob Weaber, Ph.D., joined the faculty of the Division of Animal Sciences at the University of Missouri in 2004. He serves as the Missouri Extension Specialist-Beef Genetics and is responsible for the development and delivery of innovative educational programming in the area of beef cattle genetics. His recent research has focused on modeling of selection strategies using DNA markers, use of high-density DNA marker data for construction of genomic relationship structures, discovery of markers associated with feed intake and efficiency, and exploration of the phenotypic and genetic relationships between measures of temperament and production/health traits in beef cattle. He serves as Central Regional Secretary of the Beef Improvement Federation, is co-coordinator of the National Beef Cattle Evaluation Consortium education programs and has served on the National Cattlemen's Beef Association Policy Division Board of Directors. He serves as a consultant for several breed associations and beef cattle genomics companies. Weaber grew up on a cow-calf operation in southern Colorado, earning a B.S. and M.S. at Colorado State University. He completed his doctoral studies at Cornell University. While there, he served as the Interim Director of Performance Programs for the American Simmental Association for three and a half years. He earlier was Director of Education and Research at the American Gelbvieh Association.