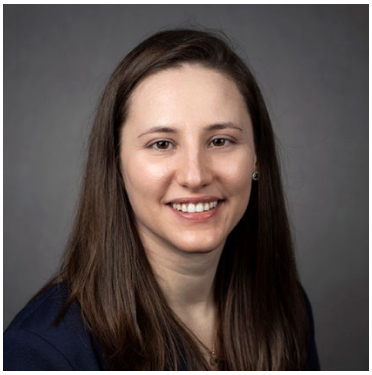
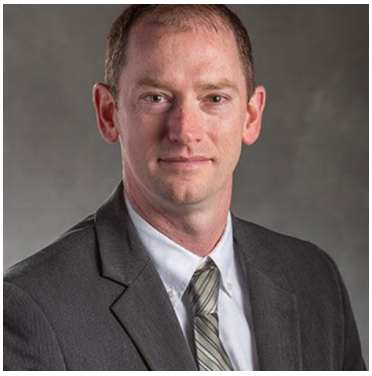
2022 Florida Ruminant Nutrition Symposium

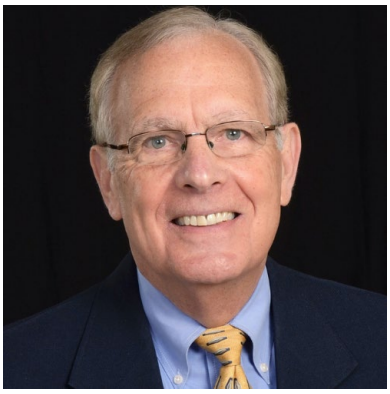
Speaker Biographies



Dr. Fernanda Batistel is an Assistant Professor in the Department of Animal Sciences at the University of Florida. Previously, she was an Assistant Professor in the Department of Animal, Dairy and Veterinary Sciences at the Utah State University. Dr. Batistel received the BSc in Animal Sciences from the Santa Catarina State University, Brazil, and the MSc in Animal Sciences from the University of São Paulo, Brazil. Dr. Batistel moved to the USA and completed her PhD at the University of Illinois. The focus of Dr. Batistel's research involves how nutrients affects production and metabolism in dairy cattle. Her current research involves the effects of dietary fatty acids on fiber digestion and rumen fermentation and the impact of nutrients on fetal programming.



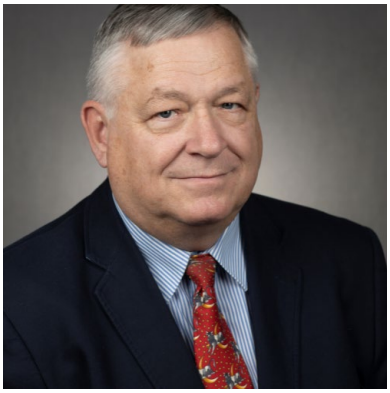
Dr. Barry Bradford is a Professor and the Clint Meadows Chair in Dairy Management in the Department of Animals Sciences at Michigan State University. He completed dual BSc degrees at Iowa State University and a doctorate in animal nutrition at Michigan State University. He served on the faculty at Kansas State University from 2006 to 2019, and in 2020 he returned to Michigan State University. Dr. Bradford's research focuses on dairy cattle nutrition and metabolism, with a particular emphasis on attempting to translate novel findings in fundamental metabolic physiology to practical applications in animal agriculture. Contributions by his group have largely focused on dietary utilization of byproducts in lactation diets, the physiological impacts of systemic postpartum inflammation, and the roles of nutrients as signals.



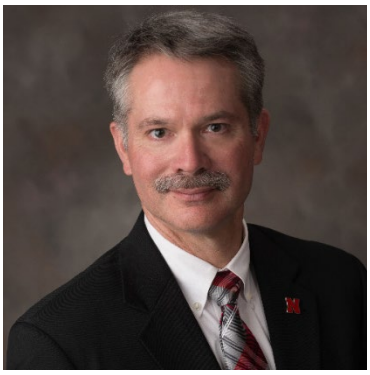
Dr. Jack Britt is the owner of Jack H Britt Consulting. Dr. Britt received his PhD from North Carolina State University. He was a professor at Michigan State University, North Carolina State University, and at the University of Tennessee. He served as Interim Head and Associate Dean at North Carolina State University, and Vice President for Agriculture and Executive Vice President and COO at the University of Tennessee. Now, he provides professional consulting to companies involved in agriculture.

Dr. Chad Dechow is an Associate Professor in the Department of Animal Sciences at the Pennsylvania State University. Dr. Dechow received his BSc degree in Animal Sciences from Cornell University, the MSc in Animal Sciences from Penn State University, and the PhD degree in Animal Sciences from the University of Tennessee. The primary focus of his research is on improvements of dairy cow health and well-being through genetic selection programs. His research also focuses on use of records and adoption of technologies to sustain the economic wellbeing of dairy farms.

Dr. Min Du is a Professor and the Funded Chair in Growth Biology in the Department of Animal Sciences at the Washington State University. Dr. Du received his PhD from Iowa State University and completed a postdoctoral fellowship in the Faculty of Medicine at the University of Alberta, Canada. Dr. Du' research focuses on the development of skeletal muscle and adipose tissue. Specifically, his research seeks to explore the epigenetic mechanisms regulating the differentiation of mesenchymal stem cells into myocytes and adipocytes. A component of his research involves nutritional regulation of skeletal muscle and adipose tissue development, epigenetic regulation of stem cell differentiation into myocytes and adipocytes, and fetal development and its long-term effect on offspring performance.

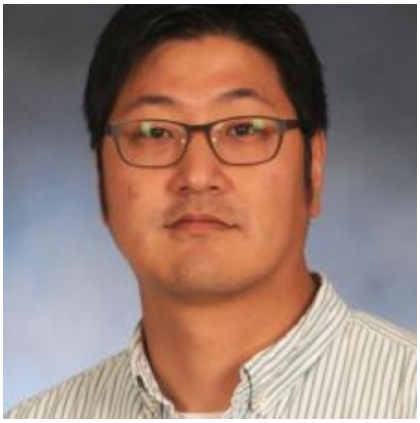


Dr. Peter J. Hansen is a Distinguished Professor and the L.E. “Red” Larson Professor in the Department of Animal Sciences at the University of Florida. Dr. Hansen is known for his research on thermoregulation of cattle, mechanisms of thermal stress induction of cellular damage on bovine embryos, and the identification and characterization of embryokines that regulate development of the preimplantation embryo. His most recent work studies genetic regulation of body temperature and mechanisms by which external cues during prenatal life affect pre- and postnatal phenotypes in dairy and beef cattle.

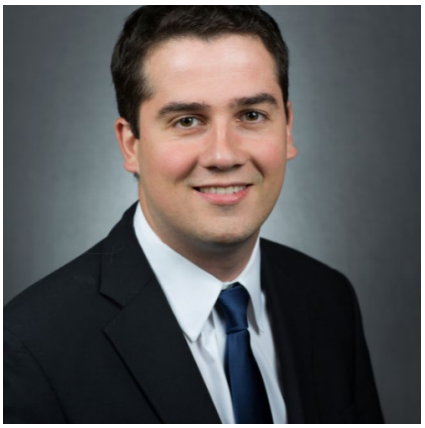


Dr. Clint Krehbiel is a Professor and Head of the Department of Animal Sciences at the University of Nebraska. Dr. Krehbiel received his BSc and MSc degrees from Kansas State University. He earned his doctorate from the University of Nebraska Lincoln and was a postdoctoral fellow at the U.S. Meat Animal Research Center near Clay Center. Prior to his current appointment, Dr. Krehbiel a faculty member at New Mexico State University and Oklahoma State University. Dr. Krehbiel’s research interest is on beef cattle nutrition with a focus on developing methods to improve animal health and efficiency of production.

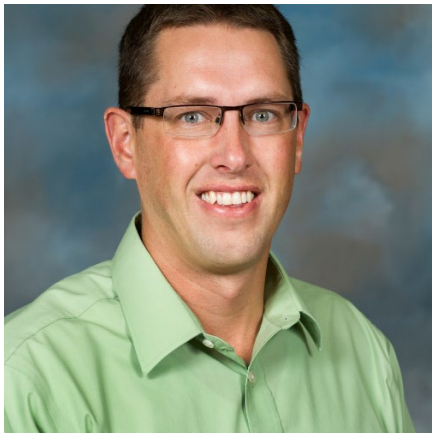
Dr. Jimena Laporta is an Assistant Professor in lactation physiology in the Department of Animal and Dairy Sciences at the University of Wisconsin. Previously, Dr. Laporta was an Assistant Professor in the Department of Animal Sciences at the University of Florida. Dr. Laporta received her BSc in Biology and MSc in Animal Science in Uruguay, and the PhD degree in Dairy Science from the University of Wisconsin-Madison. Dr. Laporta’s research investigates mechanisms involved in mammary gland development and physiology. An important component of her research is to study the underlying molecular mechanisms by which prenatal and postnatal stressors contribute to the programming of offspring’s future potential.



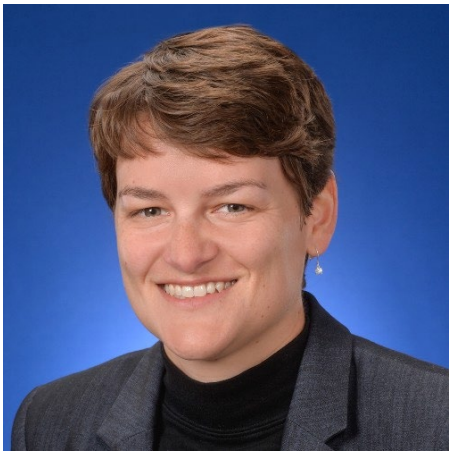
Dr. Chanhee Lee is an Assistant Professor of nutrient management in the Department of Animal Sciences, at The Ohio State University. Dr. Lee received his BSc degree from Konkuk University (South Korea), MSc degree from Seoul National University (South Korea), and PhD from the Pennsylvania State University, and completed a postdoctorate at the Lethbridge and Development Centre (Agriculture and Agri-Food Canada, Canada). Dr. Lee's research interests focuses on improving production efficiency and reducing the environmental impact of dairy production by increasing efficiency of dietary N utilization



Dr. Philipe Moriel is an Associate Professor in the Department of Animal Sciences at the University of Florida located at the Range Cattle Research and Education Center in Ona, FL. He received his BS degree in Animal Science from São Paulo State University, Brazil, the MSc from the University of Wyoming, and the PhD in Animal Sciences from the University of Florida. From October 2013 to June 2016, Dr. Moriel was an Assistant Professor and Livestock Specialist with North Carolina State University. In 2016, Dr. Moriel moved to the University of Florida and his research program focuses on nutrition of cows and heifers during gestation and calf nutrition during early stages of pre-weaning phase to modify offspring metabolism and induce long-term consequences to offspring health, growth, and immunity.

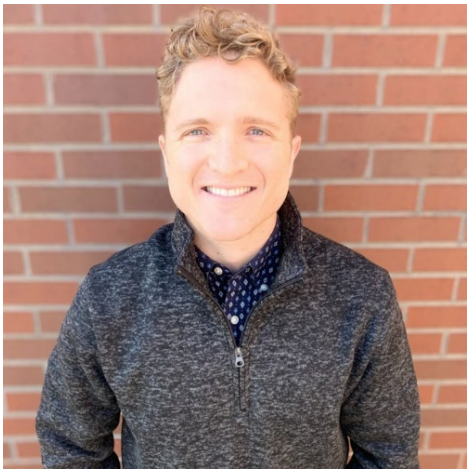


Dr. Corwin Nelson is an Associate Professor of Physiology in the Department of Animal Sciences at the University of Florida. Dr. Nelson grew up on a dairy farm in East Central Minnesota. After a year of the Farm and Industry Short Course at the University of Wisconsin-Madison, and a couple years of farming, he enrolled at the University of Minnesota-Duluth and earned his BSc in Biochemistry. He moved to Iowa State University where he received his PhD in Biochemistry and Immunobiology. Dr. Nelson completed a postdoctorate in the Department of Biochemistry at the University of Wisconsin-Madison. In 2013, he joined the faculty in the Department of Animal Sciences at the University of Florida. His research focuses on dairy cattle nutrition and the role of nutrients, in particular vitamin D on the immune system in dairy cattle.



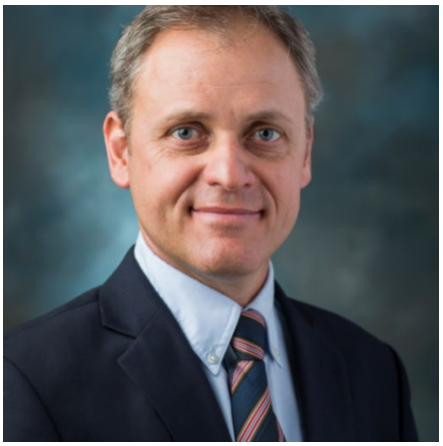
Dr. Sara Place is a Chief Sustainability Officer at Elanco Animal Health. Sara completed her BSc degree at Cornell University and the PhD at the University of California Davis. Before joining Elanco, Sara was an Assistant Professor of sustainable beef cattle systems at Oklahoma State University. Sara's area of specialization is sustainable management of livestock production systems focusing on opportunities to improve production efficiency, while reducing the environmental impact and promoting financial sustainability in animal agriculture.

Dr. Oscar Queiroz is the Global Product Manager at Chr. Hansen Animal Health. Dr. Queiroz received his BSc in Agronomy and MSc in Animal Sciences from the University of São Paulo, Brazil, and the PhD in Animal Sciences from the University of Florida. He completed a post-doctorate at the University of Florida and then moved to Argentina as a research coordinator and technical service specialist at Teknal S.A. In 2016, Dr. Queiroz joined Chr. Hansen as a silage specialist in South America and became the global product manager for dairy and beef cattle probiotics and the animal health branch of Chr. Hansen. Dr. Queiroz expertise is on forage quality and conservation and the use of microbial additives to improve silage quality and cattle performance.

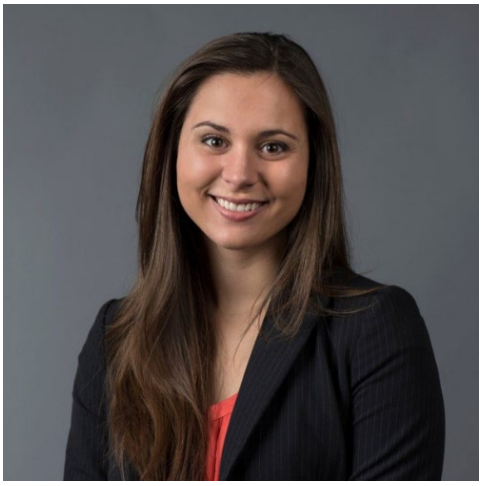


Dr. Ben Saylor is a Dairy Technical Services Manager for Arm & Hammer Animal and Food Production. Dr. Saylor received his BSc in Animal Sciences from the University of Arizona, the MSc in Animal Sciences from Kansas State University and the PhD degree in animal nutrition from the Department of Animal and Dairy Sciences at the University of Wisconsin, Madison. Dr. Saylor specializes on forage quality and conservation and on-farm microbial challenges and their control.

Dr. Sha Tao is an Associate Professor in the Department of Animal and Dairy Sciences at the University of Georgia. He obtained his BSc in Agriculture in 2004 and MSc in Animal Sciences in 2007 at the Henan University of Technology, China. Sha completed his PhD in 2012 at the University of Florida and a post-doctorate also at the University of Florida. Sha's work focuses on the effects of heat stress during the dry period on the mammary gland development, metabolic adaptations to lactation, and calf performance. A component of his research is the use of dietary manipulations during periods of heat stress to evaluate their impact on growth and performance of dairy cattle.



Dr. João Vendramini is a Professor in the Department of Agronomy at the University of Florida. Dr. Vendramini received his BSc degree in agronomy from the University of São Paulo, the MSc degree in Animal Sciences from the same institution, and the PhD in forage management at the University of Florida. He was an Assistant Professor and Forage Specialist at Texas A&M University before joining the University of Florida Range Cattle Research and Education Center, Ona, FL. Dr Vendramini's program is dedicated to forage management with emphasis on sub-tropical production systems. The major area of interest is forage-livestock interface and the impact of forage management on forage production and quality, and animal beef cattle performance.



Dr. Robin White is an Assistant Professor in the Department of Animal and Poultry Sciences at Virginia Tech University. Dr. White received both her BSc and PhD degrees in Animal Sciences from Washington State University and completed postdoctoral studies at Virginia Tech before joining the faculty in the Department of Animal and Poultry Sciences. Dr. White's research focuses on big data analytics with a focus on dairy cattle nutrition and nutritional impacts on digestive efficiency and environmental impact.