

Jack Britt and Andrea Cupp to Deliver the 2023 Randel Physiology Lectures

Dr. Jack H. Britt and Dr. Andrea S. Cupp, will deliver the 2023 Randel Physiology Lectures at the annual meeting of the Southern Section of the American Society of Animal Science (Raleigh, NC, January 21-24, 2023). The symposia of this meeting share the overarching theme of agricultural biotechnology.

The Randel Physiology lecturers will address acquisition and application of fundamental knowledge required to ensure effective advancement of animal agriculture into the future. Specifically, Dr. Britt's presentation is entitled, *"Ensuring a Leading Role for USA Animal Protein in Our World's Food Future?"*. Dr. Cupp's presentation is entitled, *"Androgen Excess Domestic Livestock Models—What can they tell us about the mechanisms underlying anovulation?"*.

Jack Britt is a scientist as well as a futurist who grew up on his family's dairy farm in Kentucky and graduated from Western Kentucky University with a double major in Agriculture and Biology. He earned a PhD degree in Physiology and Biochemistry from NC State University. Dr. Britt served as a teacher, researcher, administrative leader, and team-builder at Michigan State University, NC State University, and The University of Tennessee System. He currently leads a global team of colleagues that publish thought- and action-provoking papers on farming 50 years in the future.



Andrea Cupp, Irv Omtvedt Professor of Reproductive Physiology at the University of Nebraska, grew up in Virginia's Shenandoah Valley and graduated from Virginia Tech with a BS degree in Animal Science. She earned MS and PhD degrees in Reproductive Endocrinology/ Physiology from the University of Nebraska-Lincoln. Andrea conducted postdoctoral studies at the University of California-San Francisco and Washington State University. Dr. Cupp has developed many transgenic mice and beef cattle models to study basic mechanisms controlling both male and female reproduction. Her lab investigates how androgen excess contributes to anovulation and female infertility.



In recognition of Dr. Randel's 40+ years of participation in and leadership of the Southern Section of the American Society of Animal Science, the Board approved formation of the Randel Appreciation Club in 2016. The Randel Physiology Lecture series highlights Dr. Randel's continuous effort to strengthen the Physiology Section and promote development of graduate students. Speakers are invited due to the strength of their science and dedication to mentoring the next generation of physiologists and endocrinologists. Dr. Britt and Dr. Cupp are highly recognized reproductive physiologists, and their lectures will clearly fulfill the aim of the Randel Physiology Lectureship.

The 2023 Programming Committee of the SS-ASAS encourage members to submit their abstracts by the October deadline and to participate in the Physiology sessions to be keynoted by Dr. Cupp and Dr. Britt. Read more about the inception of the lectureship in [this Taking Stock article](#).



Photo: Dr. Ron Randel, pictured with family and many of the people he has influenced in the field of animal physiology and endocrinology. Photo by Dr. Deb Hamernik (2017).