February 7–9, 2027
Knoxville Convention Center
Knoxville, Tennessee

AMERICAN SOCIETY OF ANIMAL SCIENCE

SOUTHERN SECTION MEETING

Randel Lectureship: Dr. Clay Lents, USMARC

Reproduction Reframed: Mechanistic advances and understanding KNDy regulation of swine reproduction.

Monday, February 8, 2027 • Physiology 1 Session • 8:00-9:00 AM



Dr. Clay Lents is a Research Leader at the U. S. Meat Animal Research Center (USMARC) in Nebraska. Raised on a farm and cattle ranch in Oklahoma, he received an M.S. and a Ph.D. from Oklahoma State University and completed his postdoctoral research at the Animal Reproduction and Biotechnology Laboratory, Colorado State University. Clay was an Assistant Professor at the University of Georgia before joining USMARC. His research over the past decade has combined physiology and genomics to generate significant and crucial discoveries in pubertal development. His work substantially deepened our understanding of hormonal control of reproduction in livestock, yielding new methods and tools that producers are applying to improve selection for fertility. Dr Lents has authored 258 scientific publications and is a member of the American College of Animal Sciences.