



SOUTHERN SECTION MEETING

January 22-25 • Fort Worth, Texas

2022

Symposia Highlights

Ronald D. Randel Physiology Lecture Series

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. Robert Cushman (USDA MARC, Clay Center, NE) and Dr. Kristen Govoni (University of Connecticut) are the invited lecturers for the 6th Annual Ronald D. Randel Physiology Lecture Series. Dr. Cushman will present "*Practical applications for development programming of the bovine ovary*" and Dr. Govoni will present "*The role of maternal nutrition in development programming using a sheep model*".

Read more about the inception of the lectureship in [this Taking Stock article](#).

Bill E. Kunkle Interdisciplinary Beef Symposium – Forage-Based Beef Cattle Management Tools and Their Impacts on Environmental Sustainability

This symposium brings together beef professionals to facilitate research and Extension information sharing and discussion on complex, systems topics facing the industry. The 2022 symposia will highlight how various sectors of the beef industry are the leading contributors towards global agricultural sustainability and a reduced environmental footprint. The program will provide Southeastern-focused examples of how soil-plant-animal management, reproductive efficiency, and genomic tools are being used to optimize beef production systems and their role in environmental sustainability.

- Ecosystem services of grazing livestock in the Southeast US, Dr. José C. Dubeux, Jr., University of Florida
- Cow-calf management strategies and their influence on environmental sustainability, Dr. Dave Lalman, Oklahoma State University
- Genomics in forage-based beef systems, Dr. Troy Rowan, University of Tennessee

SERA-41 – Improving Production Efficiency of the Beef Cow Herd in the Southeastern US – How to Communicate and Conduct Environmental/Systems Research

The Southern Extension/Research Activity – Section 41 (SERA-41) group will host a complementary symposium to the Kunkle Symposium which will provide information on how researchers, Extension, and industry professionals can be equipped with tools to better engage in the beef environmental sustainability conversation. This session will focus on success stories of researchers and how to target funding agencies with the importance of forage-based beef systems, a panel discussion on opportunities and challenges with working in this arena, and how we can communicate our message more effectively to public-facing non-agricultural audiences. Participants will leave with a better understanding of collaboration potential among researchers in the region and a communication toolkit to better relay the importance and core message of forage-based beef production systems to the public.

- Communicating Sustainability to Consumers – How to effectively tell our story, Peter Ballerstedt, Barrenbrug
- Conducting and communicating environmental impacts of research: Forage production, soil health, sustainability, Myriah Johnson, NCBA
- Successes with Systems Research (panel), Myriah Johnson, NCBA, Dr. José Dubeux, University of Florida, Alan Franzluebbbers, USDA-ARS, Peter Ballerstedt, Barrenbrug

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