

## **Kunkle Symposium**

**Title:** *Climate-smart beef production systems: where are we now, and where are we headed?*

**Date:** Monday, April 7, 2025

**Time:** 8:00 AM – 11:30 PM

**Session Chair:** Dr. Nicolas DiLorenzo, University of Florida

**Description:** This symposium will focus on the recent advances in research and extension in the field of climate-smart livestock systems, with emphasis on beef production. Researchers from diverse regions of the U.S. will share their vision and experience on the topic to be able to identify research gaps, challenges, and opportunities to improve the sustainability of livestock systems in the U.S. The symposium will provide a forum to engage in a discussion to highlight the barriers and benefits associated with the adoption of climate-smart beef production practices. The 2025 Kunkle symposium will feature researchers that have been recently awarded diverse USDA grants to address beef cattle sustainability from various perspectives. The objective of this symposium is to set the stage for an in-depth discussion of current and future scenarios of beef production systems in the U.S.

### **Agenda**

- 8:00 a.m. Kunkle Symposium Introduction
  
- 8:05 a.m. Cattle & Climate: Unpacking the Science, Uncovering the Gaps, and Exploring Ideas for Methane Mitigation in the Western U.S. – Juliana Ranches, Oregon State University
  
- 8:50 a.m. SMART Foodscapes: Advancing Sustainable Beef Production in Western U.S. – Juan Villalba, Utah State University
  
- 9:35 a.m. Kunkle Symposium Break
  
- 9:55 a.m. Mitigating Enteric Methane Emissions from Grazing Beef Cattle: Preliminary Findings of the Implementation of Climate-Smart Practices in South Carolina– Matias Aguerre, Clemson University
  
- 10:40 a.m. Adapting Forage Systems for Climate-Smart Beef Production in the Southeast – Leanne Dillard, Auburn University
  
- 11:25 a.m. Kunkle Symposium Closing Remarks – Nicolas DiLorenzo, University of Florida

