

2024 INTERNATIONAL LIVESTOCK CONGRESS

ADAPTING LIVESTOCK AND MEAT PRODUCTION FOR THE FUTURE

FEBRUARY 28-29, 2024 NRG CENTER IN HOUSTON, TEXAS USA



2024 International Livestock Congress

ADAPTING LIVESTOCK AND MEAT PRODUCTION FOR THE FUTURE

30-min talks plus 10 min for Q&A

WEDNESDAY, February 28, 2024

Future of Water in Livestock & Meat Production

7:00-8:30 am Registration and continental breakfast

8:45-9:00 am Welcome

James O. Reagan, PhD, JM Dorpers, Chairman, International Stockmen's Educational Foundation, Fort Collins, CO

Chris Boleman, C.E.O., Houston Livestock Show and Rodeo

Randy Pauly, Chair, International Committee, Houston Livestock Show and Rodeo

9:00-9:40 am **Moderator: Jessica Finck, PhD**, Sr. Account Manager, Meat Scientist, Merck Animal Health

Water Availability and Policy Concerning Crop, Livestock, and Meat Production

Bridget Guerrero, PhD, Associate Professor of Agricultural Business and Economics, Paul Engler College of Agriculture and Natural Sciences, West Texas A&M University, Canyon, TX

9:40-10:00 am Break/Networking

- 10:00-10:40 am ***Rainwater Collection System in the Cattle Sector; Contributions from the Bio-Economic Perspective***
- Rigoberto Rodriguez, PhD**, National University of Costa Rica; speaking on behalf of the Costa Rica Cattlemen's Association (CORFOGA)
- 10:40-11:20 am ***A Discussion on Current Water Stewardship Activities Practiced by Tyson Foods Red Meat Facilities, and Forward-Looking Opportunities for the Industry***
- Kim Dirks**, Senior Director Environmental Operations, Tyson Foods, Inc. Springdale, AR
- 11:20-12:00 pm ***A Perspective on Water Recycling in a Green Field Beef Harvest Facility***
- John Scanga, PhD**, Chief Scientific Officer, Eurofins Microbiological Laboratories Meat Division; Professor, Center for Meat Quality, Colorado State University, Fort Collins, CO
- 12:00-1:30 pm Lunch-Student and Alumni Recognition
- 1:30-2:10 pm **Moderator: Jessica Finck, PhD**, Sr. Account Manager, Meat Scientist, Merck Animal Health
- New Technologies for Recycling Plant and Agricultural water***
- Jim Mothersbaugh**, CEO, WaterTectonics, Everett, WA
- 2:10-2:50 pm ***Economic Pressures Resulting from Declining Access to Water in the Livestock & Meat Industry***
- Dave Weaber**, Senior Animal Protein Analyst, Terrain, Eaton, CO
- 2:50-3:10 pm Break/Networking
- 3:10-4:00 pm Discussion Panel with Morning Speakers

Use of Antimicrobials and Growth Technologies in Livestock

- 4:00-4:40 pm **Moderator: Don Close**, Chief Research & Analytics Officer, Terrain, St. Louis, MO
- Status of Using Antibiotics, Growth Promotants, and Feed Supplements to Improve Livestock Efficiency***
- Michael Apley, DVM, PhD**, Professor and Frick Professorship, Production Medicine/Clinical Pharmacology, College of Veterinary Medicine, Kansas State University
- 4:40-5:20 pm ***Ecology of Antimicrobial Resistance and Implications for Antimicrobial Use and Livestock Management***
- Noelle Noyes, DVM, PhD**, Associate Professor, University of Minnesota
- 5:20-6:00 pm ***New Sustainable Growth Promotion-Experior® (lubabegron)***
- Bailey N. Harsh, PhD**, Assistant Professor, Meat Science Laboratory, College of Agricultural, Consumer & Environmental Sciences, Animal Sciences, University of Illinois Urbana-Champaign
- 6:00-7:00 pm International Committee Reception (followed by Rodeo)

THURSDAY, February 29, 2024

7:00-8:00 am Continental Breakfast

Livestock & Meat in Society

8:00-8:10 am **Moderator: Tommy Wheeler, PhD**, Research Leader, Meat Safety and Quality, USDA-ARS-USMARC, Clay Center, NE

- 8:10-8:50 am ***Role of Meat in Society—What the Science Says***
Alice V. Stanton, PhD, MB, BCh, BAO, BSc, Professor,
Pharmacy and Biomolecular Sciences, University of Medicine &
Health Sciences, Dublin, Ireland
- 8:50-9:30 am ***Establishing Consumer Trust***
Mack Graves, Latigo Management & Marketing Consultants,
Denver, CO
- 9:30-9:50 am Break/Networking
- 9:50-10:30 am ***Developing the Next Generation of Leaders in Meat and Livestock***
Collette Kaster, CEO, American Meat Science Association,
Kearney, MO

The Nutritional Value of Red Meat

- 10:30-11:10 am **Moderator: Randal Garrett, PhD**, Chief Technical Officer,
FSNS-Certified Group, San Antonio, TX
U.S. Dietary Guidance Policy and Recommendations—Role of Meat in the Diet
Teresa Davis, PhD, Baylor College of Medicine, Houston, TX
- 11:10-11:50 am ***Healthy Dietary Patterns with Beef***
Shalene McNeill, PhD, RDN, Executive Director of Nutrition
Science, Health & Wellness, National Cattlemen’s Beef
Association, Pleasanton, TX
- 11:50-12:30 pm ***What’s Next?***
Randal Garrett, PhD, Chief Technical Officer, FSNS-Certified
Group, San Antonio, TX