



USDA Cattle & Carcass Training Center Training Event



Animal Handling and The Effects on Quality and Yield

Location: Colorado State University (CSU) - Agricultural Research, Development & Education Center and the Global Food Innovation Center

Tuesday, March 28, 2023:

Agricultural Research, Development & Education Center Taylor Auditorium

- **12:00 – 1:00:** Lunch and Introductions
- **1:00 – 1:45:** Animal Handling Demonstration
 - Libby Bigler, Beef Quality Assurance Coordinator, CSU
- **1:45 – 2:30:** Humane Animal Handling and Auditing
 - Dr. Lily Edwards Callaway, Associate Professor, CSU
- **2:30 – 3:30:** Live Cattle Evaluation & USDA Live Cattle Standards
 - Dr. Ryan Rhoades, Beef Extension Specialist & Associate Professor, CSU
 - David Garcia, USDA Market News
- **3:30 – 4:00:** CME Live Cattle Deliveries
 - The CME Group
- **4:00 – 5:00:** Networking
- **5:00 – 7:00:** Dinner and Keynote Speaker
 - Dr. Temple Grandin, Professor, CSU

Wednesday, March 29, 2023:

Agricultural Research, Development & Education Center Taylor Auditorium

- **7:30 – 8:00:** Breakfast Networking
- **8:00 – 8:15:** Recap of Previous Day
- **8:15 – 9:15:** Facility, Equipment and Transportation Impacts
- **9:15 – 10:15:** Importance of Low Stress Handling
 - Libby Bigler – Beef Quality Assurance Coordinator, CSU
- **10:15 – 10:30:** Break
- **10:30 – 11:30:** Growth and Development
 - Dr. Jennifer Martin, Meat Specialist and Associate Professor, CSU
- **11:30 – 1:00:** Lunch and Relocate to the Global Food Innovation Center (GFIC)
- **1:00 – 4:00:** Harvest Demo, Drivers of Quality and Yield, Carcass Defects and Impacts
 - 1:00 - 2:00 – Harvest
 - 2:00 - 3:00 – Drivers of Quality & Yield
 - 3:00 - 4:00 – Carcass Defects
- **4:00 – 5:00:** Industry Panel and Social Hour
- **5:00 – 7:00:** BBQ Dinner at GFIC

Thursday, March 30, 2023:

JBS Global Food Innovation Center in Honor of Gary & Kay Smith, CSU Campus

- **7:30 – 8:00:** Breakfast
- **8:00 – 8:30:** USDA Carcass Grade Standards
 - Mike Beedy, USDA Quality Assessment Division
- **8:30 – 10:00:** Carcass Fabrication led by Dr. Bob Delmore, CSU
- **10:00 – 10:15:** Break
- **10:15 – 11:15:** Impact of Handling on Yield and Quality
- **11:15 – 12:00:** Cattlemen's Beef Promotion and Research Board
 - Greg Hanes, Chief Executive Officer, Cattlemen's Beef Board
- **12:00 – 12:15:** Closing
- **12:15:** Lunch and Adjourn

Option Assistance Event (Harris-Wood Boardroom, CSU Animal Sciences):

- **1:00 – 1:30:** USDA Support for Diversified Meat and Poultry Supply Chains
 - Sara Hernandez, Coordinator, USDA Meat & Poultry Processing Technical Assistance (MPPTA)
- **1:20 – 3:30:** MPPTA Introduction and Networking
 - Processors can visit one-on-one with Technical Assistance Providers