Monday, November 2, 2015

4:00-6:00 Registration, Reception & Dinner

Opening Session: Theme 1: US role in Global Food Security
7:00-8:30 Welcome Larry Miller, DISCOVER Conference Series, DC30 Co-chairs Roger Cady, Elanco & Ermias Kebreab, University of California, Davis
Opening Speaker: Roger Cady, Elanco

Tuesday, November 3, 2015

8:30 Welcome – Larry Miller, ADSA Discover Conferences

Theme 2: Why Sustainability? – Perspectives from Dairy Sector Stakeholders: Moderator: Juan Tricarico, Innovation Center for US Dairy
8:40–10:30 Producer Perspective. Linnea Kooistra, Kooistra Farm, Woodstock, IL
Processor/Coop Perspective. Dave Lattan, Prairie Farms Dairy, Inc., Carlinville, IL
Retailer/Brand Perspective. Anders Porter, Fairlife, LLC
Conservation Perspective. Marlena White, World Wildlife Fund
Discussion
10:30-11:00 Break

Theme 3: Sustainability in a Global Dairy Marketplace – Demand and Supply Moderator: Roger Cady, Elanco
11:00-12:30 Where is Dairy Demand Developing and for What Type of Products? Jay Waldvogel, Dairy Farmers of America
Economics & Geographic Distribution of the U.S. Dairy Industry. Mark Stephenson, University of Wisconsin, Madison
Discussion
12:30-1:30 Lunch

Theme 4: Dairy Production and the Environment Moderator: Ermias Kebreab, University of California, Davis
1:30-3:30 Climate Change and Variability. Tonya Haigh, National Drought Mitigation Center
Carbon Footprint of Dairy (greenhouse gas emissions and air quality). Frank Mitloehner, University of California, Davis
Impact on Nutrient Loading in the Environment. Mark Powell, Dairy Forage Research Center, Madison, WI
3:30-4:00 Break
4:00-5:30 Water Footprint of Dairy. Marty Matlock, University of Arkansas
Emerging Contaminants (biologically active compounds). Katharine Knowlton, Virginia Tech
Discussion
5:30 Adjourn

Wednesday, November 4, 2015

Theme 5: Opportunities in Sustainability Moderator: Juan Tricarico, Innovation Center for US Dairy
8:00-9:20 Dairy Cows: the Original Recyclers. Joanne Knapp, Fox Hollow LLC
Forage & Crop Production for Dairy. Neal Martin, USDA-ARS Forage Research Center, Madison, WI
Discussion
9:20 - 9:50 Break
Discussion
11:30-12:30 Lunch

Theme 6: Pathways Forward/Next Steps Moderator: Neal Martin, USDA-ARS Forage Research Center, Madison, WI
12:30-2:00 Quantification of Energy Utilization in Dairy Cattle. Ermias Kebreab, University of California, Davis
Direct and Indirect Methods of Improving Efficiency of Energy Utilization. Roger Cady, Elanco
Genomics/Genome Editing. Kent Weigel, University of Wisconsin, Madison
Discussion
2:00-2:30 Break
2:30-4:00 Current and Upcoming Issues in Animal Welfare. Marina Von Keyserlingk, University of British Columbia
GMO/Biotechnology Use for Sustainability of the Dairy Industry. Alison Van Eenennaam, University of California, Davis
Discussion
4:00 Adjourn

Thursday, November 5, 2015
Breakout groups – Discussion on future of sustainability of the dairy industry. Moderator: Roger Cady, Elanco & Ermias Kebreab, University of California, Davis
8:00-11:00 Perspectives from participants
  Report back to the whole group
  Discussion
  Closing remarks on the future of dairy sustainability. Dave Beede, Michigan State University
Final Discussion - Next Steps from Here?
11:00 Adjourn