



ADSA Discover Conferences on Food Animal Agriculture

Conference Format

The Discover Conference Series was designed to provide a format and venue that encourages in-depth discussion of cutting-edge science.

ADSA Discover ConferencesSM focus on topics of importance to the science of food animal agriculture and are held in a relaxed, informal setting.

Conferences will allow ample time for discussion, networking and relaxation.

American Dairy Science Association Discover Conference Series

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For the latest conference information, go to:

<http://www.adsa.org/discover/>



DC16: Direct Fed Microbials/Prebiotics for Animals: Science and Mechanisms of Action

April 19-22, 2009 Brown County Inn, Nashville, IN

Conference Objectives

This Discover Conference will address a number of specific topics related the successful use of direct fed microbials and prebiotics for animals. Examples of topics include but are not limited to:

- Bacterial species and strain selection
- Mechanism of action
- Delivery systems including stability of the bacteria
- Animal species specific issues
- Prebiotics

The conference will address direct fed microbials and/or prebiotics for dairy cattle, beef cattle, swine, poultry, aquaculture and pets.

Program Committee

Co-Chairs: Stanley Gilliland, Oklahoma State University and Steven Ricke, University of Arkansas
Committee: Chad Stahl, North Carolina State University; Todd Callaway, USDA, College Station, TX; Mindy Brashears, Texas Tech University; George Fahey, University of Illinois; Wendy Sealey, Hagerman Fish Culture Experiment Station, Hagerman, ID; Charles Maxwell, University of Arkansas; Clint Krehbiel, Oklahoma State University; and John Patterson, Purdue University.



DC17: Dairy Herd Analytics

August 24-27, 2009 Brown County Inn, Nashville, IN

Conference topics:

- Best practices and emerging ways of dairy herd analyses
- What, when and how to measure performance indicators
- New modalities of presenting information
- Basic attributes of metrics
- Emerging technologies
- Data exchange synergies and issues
- Integration of information
- Economic value of analysis
- Applications in focus areas: milk production, disease, reproduction, welfare, replacement, environment, nutrition, and heifer rearing

Conference Objectives:

This conference will provide a platform for discussion of issues pertaining to the science of dairy herd analysis. It will comprise focused discussions in the major areas of what, when and how to measure dairy herd performance indicators, ways of summarizing information and aspects of presentation, economic value of information, and emerging technologies. Applications in focus areas will be discussed.

Program Committee

Co-Chairs: Albert De Vries, University of Florida and David Galligan, University of Pennsylvania School of Veterinary Medicine. Committee: Jim Ehrlich, Dairy Veterinarians Group; John S. Clay, Dairy Records Management Systems; Buzz W. Burhans, Dairy-Tech Group; Raymond L. Nebel, Select Sires, Inc.; Mike Tomaszewski, Texas A & M University; and Kenneth V. Nordlund, University of Wisconsin.



DC18: Effect of the Thermal Environment on Nutrient and Management Requirements of Cattle

November 2-5, 2009 Brown County Inn, Nashville, IN

Conference Topics:

- Effects of thermal environment on nutrient requirements of dairy and beef cattle
- Nutritional Management during thermal stress
- Effects of thermal environment on reproduction
- Reproductive management during periods of thermal stress
- Genes associated with thermal tolerance
- Effects of hair coat on thermal tolerance
- Physiological responses to heat and cold stress
- Effects of thermal environment on post-absorptive metabolism
- Effects of thermal environment on embryo development and pregnancy
- Revisiting the Temperature Humidity Index

Program Committee

Chair: Robert Collier, University of Arizona. Committee: Lance Baumgard, University of Arizona; Pete Hansen, University of Florida; Terry Mader, University of Nebraska; Don Spiers, University of Missouri; Bill Thatcher, University of Florida; and Adele Turzillo, USDA-CSREES.