Lipids in Dairy Nutrition: From Feed to Milk Fat

Conference Objective
Lipids represent a small portion of the diet but have a large impact on rumen fermentation and post-absorptive metabolism. The value of milk fat has increased in proportion to other milk components and lipid supplements are some of our most expensive ingredients providing strong incentive to managing both rumen available and bypass fatty acids. Work over the last two decades has demonstrated the importance of bioactive trans fatty acids on milk fat synthesis and work over the past decade has demonstrated the importance of omega-3 fatty acids in health and reproduction and functional differences between palmitic and stearic acid. Additionally, the massive growth of the palm oil industry has had huge impacts on the type and diversity of available fats. As a human food, odd and branched chain fatty acids have emerged as bioactive fatty acids and there has been a paradigm shift in the perception of saturated fatty acids.

This conference will build upon the successes of fatty acid Discover Conferences from the last decade, serving as an update and comprehensive review and discussion of fatty acids in the current decade. The conference will draw on current data and identify both gaps in knowledge and opportunities to apply the current information.

Conference Topics
- Feed Lipid Supply
- Managing Fatty Acid in the Rumen
- Fatty Acid Digestibility
- Biological Effects of Fatty Acids
- Milk Fat: Processing and Product Quality

Who Should Attend? Domestic and international members of the research and academic community, leading consultants and extension specialists, industry leaders involved in supplying fat supplements to the dairy industry, and members of governmental and regulatory agencies are encouraged to participate in this interactive program. Graduate students and early career professionals are especially encouraged to attend.

Registration
Registration postmarked by April 30, 2019 is $375.00 for ADSA and ARPAS members and $425.00 for non-members, which includes sessions and most meals. After April 30, the registration fee will be $475.00 member/$525.00 non-member and will be accepted on an availability basis. Your registration includes 90 days free access to the Searchable Proceedings of Animal Conferences (S-PAC).

Accommodations
All participants are responsible for making their own lodging reservations. The conference will be held at Eaglewood Resort and Spa in Itasca, IL. Reservations can be made online at the Conference Accommodations link on the DC36 web site at http://www.adsa.org/discover/

Travel
The 106-acre Eaglewood Resort & Spa is strategically located in northwest Chicago, just 35-minutes from downtown, and 20 minutes west of O’Hare International Airport. The resort is easily accessible via major airports and roadways, and within reach of the area’s spectacular attractions. Go to http://www.eaglewoodresort.com/Location/location_directions.asp for detailed driving instructions.