

Dairy Science Showcase

Schedule of events:

9:30-10:00am Arrival and check-in

10:00-10:15am Welcome - **Kent Weigel**, Chair of the Department of Dairy Science

10:15-12:15pm Presentation of findings from \$5 million USDA-NIFA Agriculture and Food Research Initiative project

“Genomic Selection and Herd Management to Improve Feed Efficiency of the Dairy Industry”

10:15-11:00am **Lou Armentano**, *Nutritional aspects of feed efficiency in high-producing cows*

11:00-11:30am **Kent Weigel**, *Genomic selection for improved efficiency*

11:30-11:50am **Randy Shaver**, *Nutritional grouping tools and strategies*

11:50am-12:05pm **Matt Akins**, *Feed efficiency in growing heifers*

12:05-12:20pm **Lou Armentano**, *National Research Council (NRC) “Nutritional Requirements of Dairy Cattle” 2015 revision*

12:30-1:30pm Graduate student poster session and hosted lunch

Poster Session Sponsored by Furst-McNess Company

Lunch Sponsored by Rock River Laboratory, Inc.

1:30-1:40pm **Kate VandenBosch**, Dean of the College of Agricultural and Life Sciences

1:40-2:40pm Graduate student presentations

1:40-1:55pm **Mateus Toledo** (Milo Wiltbank Lab), *Effect of supplementation with rumen-protected methionine on reproduction in lactating dairy cows*

1:55-2:10pm **Tawny Chandler** (Heather White Lab), *How do choline and methionine support liver function during the transition period?*

2:10-2:25pm **Kristina Weld** (Lou Armentano Lab), *Milk fat secretion in lactating dairy cattle is influenced by soybean fatty acid profile and particle size.*

2:25-2:40pm **Maria-Jose Fuenzalida** (Pam Ruegg Lab), *Effects of treatment of culture negative cases of clinical mastitis on somatic cell count and bacteriological outcomes*

2:40-2:55pm **Fei Sun** (Michel Wattiaux Lab), *Effect of source of Non-Fiber Carbohydrates and level of Rumen Degradable Protein on Lactation Performance and Methane Emission of Lactating Cows*

2:55-3:30pm Dairy management curriculum initiative – **Michel Wattiaux** and panel members **Dave Combs** and **Ted Halbach**

3:30-3:45pm Recognition of scholarship recipients – **Michel Wattiaux**

3:45pm Ice cream social