



2018 Annual Meeting

March 23-24, 2018

University of Connecticut

Storrs, CT

Schedule of Events

Friday, March 23

10:00 – Optional Tours of UConn Facilities

Registration 12:30 – 1:20 outside McHugh Hall 302

1:20 Welcome

1:30: Ryan Ashley, New Mexico State University
Insights into CXCL12 signaling during placenta development

2:15: Stacia Prosser, New Mexico State University
Bridging the gap between mother and conceptus: CXCL12-CXCR4 signaling and fetal-maternal tolerance

2:30: Sean Limesand, University of Arizona
Perinatal programming of glucose homeostasis in sheep fetuses with placental insufficiency

3:15: Leticia Camacho, University of Arizona
Oxygen and glucose correction improves insulin secretion in sheep fetuses with placental insufficiency

3:30: Break

3:45: Kristen Govoni, University of Connecticut
Effects of maternal nutrition on offspring growth and metabolism using a sheep model

4:30: Arielle Halpern, University of Connecticut
A survey of New England sheep producers

5:00 to 8:00 PM: Dinner and Poster Session, Great Hall, UConn Alumni Center

Saturday, March 24 - McHugh Hall 302

Continental breakfast available at the hotel

8:30: Maria Hoffman, University of Rhode Island
The effects of poor maternal nutrition during gestation on offspring pancreas tissue DNA methylation

9:15: Mary Wynn, University of Connecticut
The effects of maternal programming on calf growth and immunity

9:30: Kim Vonnahme, Zoetis
Striking the right “cord”: Assessing placental function in our livestock species

10:15: Alex Vásquez-Hidalgo, North Dakota State University
Timing and duration of nutrient restriction and its impacts on fetal and placental development: An update

10:30: Break

10:45: Stephanie Wesolowski, University of Colorado - Denver
Signals for metabolic programming in the fetal liver

11:30: Amanda Jones, University of Colorado - Denver
Late gestation hypoxia stimulates hepatic expression of gluconeogenic genes in fetal sheep

11:45 – 12:30: Lunch
NERA Planning group to discuss next steps

12:30: NE Business meeting, McHugh Hall Room 302

1:15: Sabrina Greenwood, University of Vermont
Characterization of the bovine milk proteome

2:00: Alex Hristov, Pennsylvania State University
Climate change effects on livestock in the Northeast US and strategies for adaptation

2:45: Break

3:00: Miriah Kelly, University of Connecticut
Effectively communicating research impacts

3:45: Tara Felix, Penn State University
Preconditioning: How to start your beef calves to maximize success