



American Dairy Science Association®
NORTHEAST
American Society of Animal Science



ASAS Northeast Section / ADSA Northeast Branch

2019 Joint Meeting

November 4, 2019 • Hershey, Pennsylvania

MEETING SCHEDULE

8:00 AM	Registration Desk Opens
9:30 AM	President's Welcome Dr. Tara Felix, Penn State University
10:00 AM	Dr. Michael Baker, Cornell University <i>The dairy x beef calf: the current market and future challenges to growth</i>
11:00 AM	Dr. Chad Dechow, Penn State University <i>Strategies to incorporate beef semen into dairy herds</i>
12:00–2:00 PM	Lunch and Business Meeting
2:00 PM	Dr. Tara Felix, Penn State University <i>Feeding and management of the crossbred steer</i>
3:00 PM	Dr. Albert DeVries, University of Florida <i>Economics of using beef semen in dairy cattle</i>
4:00 PM	Industry Panelists
5:00–7:00 PM	Networking hour and graduate student poster competition

M.S. Poster Competition Presentations

Poster 1: *Effects of high-amylase (Enogen) corn silage on rumen fermentation and productivity of lactating dairy cows*

S. Welchez¹, H. Stefenoni¹, A. Melgar¹, S. Raeisaenen¹, C. Lage¹, D. Wason¹, Z. Xiaoli¹, A. Mejia², ¹The Pennsylvania State University, ²Panamerican Agricultural University, Zamorano

Poster 2: *Phenotypic effects of Holstein cholesterol deficiency on carriers*
B. Basiel¹, A. Macrina¹, C. Dechow¹, ¹The Pennsylvania State University

Poster 3: *Effects of rumen-protected Capsicum on growth performance, blood metabolites and digestibility in growing beef steers*
M. Westphalen¹, J. Oh¹, A. Hristov¹, T. Felix¹, ¹The Pennsylvania State University

Poster 4: *Investigating the Effectiveness of Seaweed Species on Methane Production and Rumen Fermentation in vitro*
D. Wasson¹, H. Stefenoni¹, S. Raeisaenen¹, S. Welchez¹, C. Lage¹, A. Melgar¹, M. Young¹, C. Yarish², A. Hristov¹, ¹The Pennsylvania State University, ²The University of Connecticut

Poster 5: *The Effects of Probiotics on Growth and Development of Ram Lambs*
A. Trench¹, S. Reed¹, S. Zinn¹, B. Smith¹, S. Aborn¹, J. Feyler¹, K. Govoni¹, ¹University of Connecticut, Department of Animal Science

Poster 6: *Comparison of IgG absorption in calves fed a commercial colostrum replacer or supplemented maternal colostrum*
J. Lopez¹, C. Jones¹, A. Geiger², A. Heinrichs¹, ¹Department of Animal Science, The Pennsylvania State University, ²Zinpro Corporation

Poster 7: *Subclinical Necrotic Enteritis and its Correlation with Osteomyelitis in Broilers*
I. Rojas Nunez¹, G. Lorenzoni¹, A. Moore¹, ¹The Pennsylvania State University

Ph.D. Poster Competition Presentations

Poster 8: *The Effects of Maternal Nutrient Restriction Followed by Re-alimentation of Offspring Metabolism in Sheep*

B. Smith¹, M. Vasquez-Hidalgo², K. Vonnahme², A. Grazul-Bilska², K. Swanson², N. Mishra³, S. Reed¹, S. Zinn¹, K. Govoni¹, ¹Department of Animal Science, University of Connecticut, ²Department of Animal Sciences, North Dakota State University, ³Department of Pathobiology and Veterinary Science, University of Connecticut

Poster 9: *Trends in the use of beef semen in large Holstein herds in the western United States*

J. Pereira¹, F. Ferreira¹, ¹University of California, Davis

Poster 10: *Histidine dose-response effects on lactational performance and plasma amino acid concentrations in lactating dairy cows*

S. Raeisaenen¹, C. de Assis Lage¹, J. Oh¹, A. Melgar¹, K. Nedelkov², X. Chen³, M. Miura⁴, C. Parys⁵, A. Hristov¹, ¹The Pennsylvania State University, ²Trakia University, Bulgaria, ³University of Ulster, UK, ⁴Ajinomoto Inc., Japan, ⁵Evonik Nutrition and Care, GmbH, Germany

Poster 11: *Sodium acetate and sodium bicarbonate increase milk fat yield through different mechanisms*

C. Matamoros¹, K. Harvatine¹, ¹The Pennsylvania State University

Poster 12: *Effects of steroidal implants on feedlot performance, carcass characteristics, and serum and meat estradiol-17 β concentrations of Holstein steers*

P. Carvalho¹, G. Perry², T. Felix¹, ¹The Pennsylvania State University, ²South Dakota State University

Poster 13: *Enteric gas emissions and lactational performance of dairy cows fed 3-nitrooxypropanol: A meta-analysis*

A. Melgar¹, N. Walker², A. Hristov¹, ¹Department of Animal Science, The Pennsylvania State University, ²DSM Nutritional Products, Switzerland

Poster 14: *Effect of abrupt transition of wethers from 80% forage to 80% concentrate diet on plasma metabolites, rumen histology and mRNA expression of key hepatic enzymes*

G. Ali Chishti¹, I. Salfer², K. Nedelkov³, T. Felix¹, ¹The Pennsylvania State University, ²South Dakota State University, ³Trakia University

Poster 15: *Improving nutritive value of purple field corn residue by culturing with white-rot fungi*

B. Khonkhaeng¹, K. Harvatine², A. Cherdthong¹, ¹Khon Kaen University, ²The Pennsylvania State University

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