

*Dairy at Guelph and the Ontario Agri-Food Innovation Alliance present*

# 2019 Dairy Research and Innovation Day

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December 5, 2019

Holiday Inn Conference Centre

Guelph, ON, Canada



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December 5, 2019, Holiday Inn Conference Centre, Guelph, ON

**8:00 – 8:30 Registration & Continental Breakfast**

**8:30 – 8:40 Welcome**

**8:45 – 9:30 Keynote Lecture**

**Cheryl Smith** - *Marketing Dairy to Ontario Consumers ... challenges, opportunities and success*

**9:30 – 10:15 Session 1: Economics, Environment & Engineering**

**Getu Hailu** - *Economic analysis of increasing feed efficiency and reducing methane emissions through genomics in Canada's dairy industry*

**Claudia Wagner-Riddle** - *Carbon footprint of milk production in intensive dairy production systems*

**Christopher Collier** - *Microfluidic devices for antibiotic detection in dairy products*

**10:15 – 10:45 Coffee Break**

**10:45 – 11:35 Session 2: Dairy Foods, Human Health & KTT**

**Andrea Buchholz** - *Recent advances of the Dairy Research Group and Guelph Family Health Study*

**Steve Roche** - *Turning Research Into Action in the Canadian Dairy Industry*

**Arthur Hill** - *Biomarkers for grass fed milk and other dairy projects*

**11:45 – 12:45 Lunch**

**12:45 – 13:30 Session 3: Dairy Cattle**

**Dan Tulpan** - *A machine learning approach for classifying beta-casein genotypes from milk MIR spectra*

**John Cant** - *Computer modelling in dairy nutrition research*

**Derek Haley** - *Animal care & welfare research from Dairy at Guelph*

**13:30 – 14:00 Coffee Break**

**14:00 – 14:45 Session 4: Poster Flash Session**

Flash presentations for selected student posters

**14:45 – 15:00 Concluding Remarks**

**15:00 – 16:00 Poster Viewing and Informal Wine & Cheese Mixer**

**16:00 Event Concludes**