

## University of Lethbridge Sustainable Agriculture Showcase

**Public Lecture:** March 31, 2023 at 7-8 PM  
BMO Auditorium Science Commons (SA 8002)

**Invited Lecturer:** Dr. Martin Entz,  
Professor of Cropping Systems and Natural Systems Agriculture  
Department of Plant Science, U of Manitoba, Winnipeg, Manitoba

**Welcome and opening remarks:** U of L Vice-President Research, Dr. Dena McMartin

**Introduction of the guest lecturer:** Dr. Roy Golsteyn, Professor of Biology

Social gathering (8-10 PM) after the lecture with light food and beverages including a cash bar in the Science Commons Atrium (SA 7008) outside the lecture theater.

**Parking:** Campus parking near the Science Commons is free after 7 PM on Friday.

## Sustainable Agriculture Showcase Conference

Saturday, April 1, 2023

9:00 AM to 4:30 PM

Science Commons Atrium (SA 7008) and BMO Auditorium (SA 8002)

**Parking:** Campus parking near the Science Commons is free all day on Saturday.

### Agenda and Schedule

Time	Activity	Speaker	Topic	Room
8:55 AM	Welcome & Opening Remarks	Dean of Arts & Science, Dr. Matthew Letts		SA 8002
<b>Moderator:</b> <b>Shelley Hoover</b>				
9:00 - 9:30 AM	Research talk	Bobbi Helgason U of Saskatchewan	You Are What You Eat: Soil Microorganisms as Indicators of Sustainable Soil Management	SA 8002

9:30 – 10:00 AM	Research talk	Kevin Floate, AAFC Lethbridge	Cow Patty Critters: Their Season-long Suppression in Dung of Cattle Treated with a Veterinary Parasiticide	SA 8002
10:00 – 10:20 AM	Research Talk	Vicky Garcia- Rodriguez (U of L Postdoc)	Food Waste Silage, an Option to Enhance Feedstock Sustainability	SA 8002
10:30 – 11:30 AM	Posters/Booths	Coffee & Muffins will be available		SA 7008 Atrium
<b>Moderator: Michele Konschuh</b>				
11:30 AM – noon	Research talk	Jonathan Neilson, AAFC, Lethbridge	Impacts of Potato Production on Soil Health and Soil Health on Potato Production	SA 8002
12:00 – 12:30 PM	Information on Agricultural Operations	Harold Perry, The Perry Farms	A Passion for Soil Health	SA 8002
12:30 – 1:30 PM	Lunch Break	Participants will obtain their own lunches		Local Restaurants
<b>Moderator: Shelly Hoover</b>				
1:30 – 2:00 PM	Research talk	Guillermo Hernandez Ramirez (U of Alberta)	How Nitrogen Fertilization Choices can Decrease Greenhouse Gas Emissions while Sustaining Yield in Potato	SA 8002

2:00 – 2:20 PM	Research talk	Nadia Hand (U of L Grad Student)	<i>Staphylococcus aureus</i> Dispersal is Limited after Treatment with Alberta Plant Extracts, that Could act as an Antibiotic Alternative	SA 8002
2:20 – 2:40 PM	Research talk	Atta Ur Rahman (U of L Grad Student)	The Complex Nature of Potato Early Dying Disease in Alberta: Insights from a Study of <i>Verticillium dahliae</i> , <i>V. albo-atrum</i> , and <i>Colletotrichum coccodes</i>	SA 8002
2:45 – 3:45 PM	Posters/Booths	Coffee & Muffins will be available		SA 7008 Atrium
<b>Moderators: Elizabeth Schultz, Dmytro Yevtushenko</b>				
3:45 – 4:30 PM	Panel Discussion and Audience Questions	Martin Entz, Kevin Floate, Bobbi Helgason, Guillermo Hernandez Ramirez, Jonathan Neilson, Harold Perry		SA 8002
4:30 PM	Conference End			SA 8002