



**Department of Animal Science Seminar Series  
Winter 2019, Tuesdays, 11:30 am – 12:45 pm**

Seminar Schedule

**Structors**

*MSc Students*  
Dr. Chengbo Yang

*PhD Students*  
Dr. Karmin O  
Dr. Bogdan Slominski

**Meeting Room**

219 Animal Science Bldg.

**Meeting Dates/Time**

*Fall Semester*  
Tuesdays from  
10:00 – 11:15

*Winter Semester*  
Tuesdays from  
11:30 – 12:45

Exception

Faculty Seminars are held once a month on Wednesdays from 3:00 – 4:30 pm in the Carolyn Sifton Lecture Theatre, 130 Agriculture Bldg. During these weeks there won't be an Animal Science Seminar unless stated otherwise.

**Animal Science Seminar Series includes sessions that are devoted to research and extension or update/review of topics in animal-agriculture. The program also creates a mutually supportive and positive learning environment so graduate students can share their results, obtain feedback on their work, and improve their presentation and communication skills.**

Refreshments will be available.  
**ALL ARE WELCOME!**

**Seminar Format**

**January 08, 2019**

*Student orientation and international potluck*

An orientation session for new and returning students followed by a potluck organized by graduate students

Graduate Students, Academic and Support Staff

**January 15, 2019**

*Extension presentation*

Effect of feed contamination on livestock production

**Chair:** Xiaoya Zhao

**Speaker:** Gayani Madushani Sirinayake Lokuge, MSc student

**Evaluator:** Emily Broonstra

**General Evaluator:** Dr. George Gozho

**January 22, 2019**

Graduate Student Information Session  
Information session for undergraduate students on post graduate studies in the Department of Animal Science

**January 23, 2019**

*Faculty Seminar*

Canadian Centre for Food Integrity 2018  
Public Trust Research: Insights to Actions – What Makes Food Information Credible?

**Speaker:** Myrna Grahn, PHEc, Visitor Services Manager, Bruce D. Campbell Farm and Food Discovery Centre

**February 26, 2019**

*Poster Presentation*  
TBA

**Chair:** Chongwu Yang

**Speaker:** Brandon Hanson

**Evaluator:** Marion Mogire

*Extension presentation*

Disease surveillance using the specific high-sensitivity enzymatic reporter unlocking platform to detect nucleic acids

**Speaker:** Sean Yeo

**Evaluator:** Janghan Choi

**General Evaluator:** Dr. Karmin O

**March 5, 2018**

*Extension presentation*

Broiler feeding strategies for low crude protein diets

**Chair:** Emily Broonstra

**Speaker:** Marion Mogire, MSc student

**Evaluator:** Sean Yeo

*Poster presentation*

**Speaker:** Janghan Choi, MSc student

*Chair – 2 to 3 min*  
Call to order; Housekeeping items; Introduction of speaker

**Presentation**

Extension talk – 25 to 30 min followed by 10 to 15 min of questions and discussion

Poster presentation – 12 to 15 min followed by 5 to 8 min of questions and discussion

MSc Scientific presentation – 12 to 15 min followed by 5 to 8 min of questions and discussion

PhD Scientific presentation – 40 to 45 min followed by 10 to 15 min of questions and discussion

Special seminars – 40 to 45 min followed by 10 to 15 min of questions and discussion

**Chair**

Introduction of evaluator

**Evaluator – 2 to 3 min**  
Evaluation of speaker

*Chair – if more than one presentation given in a session, Chair will continue with the introduction of the second speaker and then the second evaluator*

**Chair**

Introduction of General evaluator

**General Evaluator – 5 min**  
*Evaluation of Chair and Evaluator(s); if necessary provides additional comments to the speaker(s)*

**Chair/Course Instructors**  
Announcements and closing remarks

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Stability of encapsulated thymol during a feed pelleting process and *in vitro* release profile of microparticles with simulated pig gastric and intestinal fluids

**Evaluator:** Charith Wijerathne

**General Evaluator:** Dr. Anna Rogiewicz

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**March 12, 2018**

*Poster presentation*

The effect of supplementation of by-products on total methane production, dmd and rumen fermentation in beef cattle

**Chair:** Marion Mogire

**Speaker:** Sidonie Robinson, MSc student

**Evaluator:** Kelebe Gunte

**General Evaluator:** Dr. Bogdan Slominski

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**March 13, 2018**

*Faculty Seminar*

Exploring Population Dynamics: 20 Years of Data on a Manitoba Insect

**Speaker:** Dr. Pat MacKay, Senior Scholar, Department of Entomology

Dr. Robert J. Lamb, Emeritus Research Scientist, Department of Entomology

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**March 19**

*TK Cheung Special Seminar*

Current research in swine nutrition

**Chair:** Dr. Chengbo Yang

**Speaker:** Dr. Hans H. Stein, Professor Department of Animal Sciences

University of Illinois at Urbana-Champaign

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**March 26, 2018**

*Scientific Presentation*

Effects of different engineered biocarbon on a beef cattle total mixed ration on methane production, carbon dioxide production, rumen fermentation and microbial protein synthesis using a semi continuous fermentation system (RUSITEC)

**Chair:** Sean Yeo

**Speaker:** Paul Tamayao, MSc student

**Evaluator:** Gayani Sirinayake Lokuge Madushani

**General Evaluator:** Dr. Chengbo Yang

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**March 27, 2019**

*Faculty Seminar*

TBA

**Speaker:** Dr. Rotimi Aluko, Associate Head, Dept. of Food and Human Nutritional Sciences

Dr. Clement O. Adebooye, Professor, Faculty of Agriculture, Osun State University, Osogbo, Nigeria

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**April 2, 2018**

*Poster presentation*

Red Osier Dogwood extracts as alternatives to in-feed antibiotics to enhance growth performance and gut health in broiler chickens

**Chair:** Kelebe Gunte

**Speaker:** Marion Mogire

**Evaluator:** Yanxing Niu

**General Evaluator:** Dr. Argenis Rodas-Gonzalez

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**April 10, 2018**

*Faculty Seminar*

TBA

**Speaker:** Dr. Chengbo Yang, Assistant Professor, Department of Animal Science  
Dr. Francis Lin, Associate Professor, Department of Physics, Faculty of Science

