



**Department of Animal Science Seminar Series  
Fall 2020, Tuesdays, 10:00 am – 11:15 am**

Seminar Schedule

**Instructors**

*MSc Students*

Dr. Chengbo Yang

*PhD Students*

Dr. Karmin O

**Meeting Room**

Online (WebEx)

**Meeting Dates/Time**

*Fall Semester*

Tuesdays from

10:00 – 11:15 am

*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!**

**September 15, 2020**

*Special Seminar*

Introduction to Animal Science Seminar and an overview of an academic year in graduate studies

**Speaker:**

Course instructors

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**September 22, 2020**

*Poster Presentation*

Strategic supplementation to improve beef cattle performance and expand utilization of pasture-based production systems

**Chair:** Bingqi Dong

**Speaker:** Daphne McKnight, MSc student

**Evaluator:** Shengnan Li

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**September 29, 2020**

*Scientific presentation*

The effect of increasing levels of omega-3 fatty acids from either flaxseed oil or preformed docosahexaenoic (DHA) on health indices of laying hens

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

**Chair:** Emmanuel Adeshakin

**Speaker:** Shengnan Li, MSc student

**Evaluator:** Yanhong Chen

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*Extension presentation*

Non antibiotics strategies for preventing necrotic enteritis in broiler chickens

**Speaker:** Yuanyuan Zhou, MSc student

**Evaluator:** Sydney Fortier

**General Evaluator:** Dr. Kees (JC) Plaizier

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**October 6, 2020**

*Poster Presentation*

Differences in greenhouse gas emissions between cattle raised with and without productivity enhancing technologies (PETs)

**Chair:** Shengnan Li, MSc student

**Speaker:** Sydney Fortier, MSc student

**Evaluator:** Xiaoya Zhao

**General Evaluator:** Dr. Anna Rogiewicz

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**October 13, 2020**

*Poster Presentation*

PilR/PilS two-component and Agr-like quorum sensing systems regulate pilin production and binding of Clostridium perfringens to collagen

**Chair:** Sydney Fortier, MSc student

**Speaker:** Yuanyuan Zhou, MSc student

**Evaluator:** Sharon Mowete

**General Evaluator:** Dr. Karmin O

## Seminar Format

### *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

## **October 20, 2020**

### *Poster Presentation*

The relationship between milk amyloid A (MAA) and sub-acute ruminal acidosis (SARA)-related inflammation in dairy cows

### *Extension Presentation*

Alternative sources of protein to soy

## **October 27, 2020**

### *Video*

Elements of an effective oral scientific presentation

## **November 3, 2020**

### *Scientific Presentation*

TBA

### *Scientific Presentation*

Milk biomarkers for diagnosing sub-acute ruminal acidosis (SARA) in dairy cows

## **November 17, 2019**

### *Poster Presentation*

Potential prebiotic effect of canola non-starch polysaccharide hydrolysis products in weaned piglets

## **November 24, 2020**

### *Scientific presentation*

Functional characterization and expression of umami receptor T1R1/T1R3 in broiler chickens

### *Extension presentation*

Potential of dietary polyphenols in swine health

**Chair:** Daphne McKnight, MSc student

**Speaker:** Sharon Mowete, MSc student

**Evaluator:** Yuanyuan Zhou

**Speaker:** Emmanuel Adeshakin, MSc student

**Evaluator:** Bonjin Koo

**General Evaluator:** Dr. Chengbo Yang

**Chair:** Dr. Chengbo Yang

**Speaker:** Dr. N. Andy Cole

**Chair:** Chongwu Yang, Ph.D. student

**Speaker:** Sydney Fortier, MSc student

**Evaluator:** Franklin Addo

**Speaker:** Sharon Mowete, MSc student

**Evaluator:** Emmanuel Adeshakin

**General Evaluator:** Dr. Marcos Cordeiro

**Chair:** Yuanyuan Zhou, MSc student

**Speaker:** Xiaoxiao Zhang, MSc student

**Evaluator:** Daphne McKnight

**General Evaluator:** Dr. Emma McGeough

**Chair:** Sharon Mowete

**Speaker:** Bingqi Dong, MSc student

**Evaluator:** Xiaoxiao Zhang

**Speaker:** Rachita Maniyar, MSc student

**Evaluator:** Junfei Guo



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**General Evaluator:** Dr. Karmin O

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**December 8, 20120**

*Scientific presentation*

Evaluating the effectiveness of  
probiotics against enterotoxigenic  
escherichia coli F4 infection with an *in*  
*vitro* method

**Chair:** Junfei Guo, Ph.D. student

**Speaker:** Yanhong Chen, MSc student

**Evaluator:** Rachita Maniyar

**General Evaluator:** Dr. Karmin O

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