



**Department of Animal Science Seminar Series (ANSC 7140 /ANSC 7390)  
Fall 2021, 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 14, 2021**

*Special Seminar*

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

**Speaker:**

Course instructors/ Kathy Graham

**September 21, 2021**

*Poster presentation*

Development and validation of a recombinant nucleoprotein based competitive ELISA for serodiagnosis of antibodies for avian metapneumovirus subtype A,B,C in domestic poultry

**Chair:** Andy Che, MSc student

**Speaker:** Orie Hochman, MSc student

**Evaluator:** Hannah Keenes, MSc student

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

**September 28, 2021**

*Special seminar*

Libraries Orientation

**Chair:** Dr. Anna Rogiewicz

**Speaker:** Ryan Schultz, University of Manitoba Libraries

**October 5, 2021**

*Scientific presentation*

The potential effect of canola non-starch polysaccharides hydrolysis products on weaned piglets challenged with *E. coli*

**Chair:** Emmanuel Adeshakin, MSc student

**Speaker:** Xiaoxiao Zhang, MSc student

**Evaluator:** Orie Hochman, MSc student

**Speaker:** Rachita Maniyar, MSc student

**Evaluator:** Carla Plett, MSc student

**General Evaluator:** Dr. Marcos Cordeiro

**October 12, 2021**

*Poster presentation*

Effects of dietary phytase with or without multi-carbohydrase supplementation on growth performance, nutrient digestibility, and bone traits in nursery pigs

**Chair:** Rachita Maniyar, MSc student

**Speaker:** Emmanuel Adeshakin, MSc student

**Evaluator:** Yujia Wu, MSc student

**General Evaluator:** Dr. George Gozho



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## 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

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## October 19, 2021

### *Extension presentation*

Growth performance, carcass composition and pork quality in swine genetic lines

**Chair:** Orie Hochman, MSc student

**Speaker:** Ankita Saikia, MSc student

**Evaluator:** Tetiana Sessingnong, MSc student

**General Evaluator:** Dr. Kees Plaizier

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## October 26, 2021

### *Special seminar*

Nutritional importance of animal protein in the diet

**Chair:** Dr. Kim Ominski

**Speaker:** Dr. Teresa A. Davis, Director, CNRC Postdoctoral Fellowship Program

Professor of Pediatrics

USDA/ARS Children's Nutrition

Research Center

Baylor College of Medicine

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## November 2, 2021

### *Scientific presentation*

Effects of dietary supplementation of red osier dogwood extract on gut health and oxidative status of weaned piglets challenged with *E. coli*

**Chair:** Carla Plett, MSc student

**Speaker:** Rachita Maniyar, MSc student

**Evaluator:** Laura Beens, MSc student

### *Poster presentation*

Survey of cow-calf operations to characterize manure nutrient profile and management practices

**Speaker:** Hannah Keenes, MSc student

**Evaluator:** Aaron Knodel, MSc student

**General Evaluator:** Dr. Anna Rogiewicz

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## November 16, 2021

### *Poster presentation*

The role of gut microbiome in determining the efficiency of feed utilization in swine

**Chair:** Hannah Keenes, MSc student

**Speaker:** Yujia Wu, MSc student

**Evaluator:** Oluwakemi Omotosho, MSc student

### *Scientific presentation*

Effects of dietary phytase with or without multi-carbohydrase supplementation on growth performance, nutrient digestibility, and bone traits in nursery pigs

**Speaker:** Emmanuel Adeshakin, MSc student

**Evaluator:** Shunshun, Ph.D. student

**General Evaluator:** Dr. Chengbo Yang

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## November 23, 2021

### *Poster presentation*

Digestibility of perennial silages across Canadian Dairy Farm

**Chair:** Yujia Wu, MSc student

**Speaker:** Carla Plett, MSc student

**Evaluator:** Ankita Saikia, MSc student



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*Poster presentation*

Digestibility and fecal microbiome associations with feed efficiency in pigs with two genotypes

**Speaker:** Laura Beens, MSc student

**Evaluator:** Andy Che, MSc student

**General Evaluator:** Dr. Meagan King

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**November 30, 2021**

*Scientific presentation*

Calcium sensing receptor and the regulation of nutrient absorption and barrier function in pigs

**Chair:** Tetiana Sessingnong, MSc student

**Speaker:** Xiaoya Zhao, PhD student

**Evaluator:** Shengnan Li, Ph.D. student

**General Evaluator:** Dr. Karmin O

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**December 7, 2021**

*Scientific presentation*

Utilization of low crude protein diets to support gut health in weaning pigs

**Chair:** Laura Beens, MSc student

**Speaker:** Jinyoung Lee, PhD student

**Evaluator:** Haoxiang Xu, PhD student

*Extension presentation*

Precision nutrition in poultry industry

**Speaker:** Oluwakemi Omotosho, MSc student

**Evaluator:** Baiyan Zhou, MSc student

**General Evaluator:** Dr. Emma McGeough

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