# Seminar Schedule

### 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*  

**Poster presentation**  
Effects of phytogenic supplementation on growth performance and intestinal barrier functions in nursery pigs challenged with *E.coli*  

**Chair:** Emmanuel Adeshakin, MSc student  
**Speaker:** Xiaoxiao Zhang, MSc student  
**Evaluator:** Orie Hochman, 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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**Meeting Room**  
Online (WebEx)

**Meeting Dates/Time**  
*Fall Semester*  
Tuesdays from 10:00 – 11:15 am  

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

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**Instructors**  
*MSc Students*  
Dr. Chengbo Yang

*PhD Students*  
Dr. Karmin O

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**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.

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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

**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 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

### 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

### 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

**General Evaluator**: Dr. Anna Rogiewicz

### November 16, 2021

**Poster presentation**  
Survey of cow-calf operations to characterize manure nutrient profile and management practices  
Chair: Dr. Kimberly Ominski  
Speaker: Hannah Keenes, MSc student

**General Evaluator**: Dr. Chengbo Yang

### November 23, 2021

**Scientific presentation**  
The role of gut microbiome in determining the efficiency of feed utilization in swine  
Effects of dietary phytase with or without multi-carbohydrase supplementation on growth performance, nutrient digestibility, and bone traits in nursery pigs  
Chair: Emmanuel Adeshakin, MSc student  
Speaker: Yujia Wu, MSc student  
Evaluator: Oluwakemi Omotosho, MSc student

**General Evaluator**: Dr. Chengbo Yang

**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
**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

**Extension presentation**
Precision nutrition in poultry industry

**Chair:** Laura Beens, MSc student
**Speaker:** Jinyoung Lee, PhD student
**Evaluator:** Haoxiang Xu, PhD student

**Speaker:** Oluwakemi Omotosho, MSc student
**Evaluator:** Baiyan Zhou, MSc student

**General Evaluator:** Dr. Emma McGeough