



Department of
Animal Science

THE UNIVERSITY OF MANITOBA

**Department of Animal Science Seminar Series
Winter 2021, Tuesdays, 11:30 am – 12:45 pm**

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

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.

January 19, 2021

Student orientation

An orientation session for new and returning students

Graduate Students and Instructors

January 26, 2021

Graduate Student Information Session

Information session for undergraduate students on post graduate studies in the Dept. of Animal Science

Chair: Dr. Karmin O

February 2, 2021

Extension Presentation

Feeding and behavior in pre-weaned dairy calves

Chair: Orië Hochman, MSc student

Speaker: Carla Plett, MSc student

Evaluator: Hannah Keenes, MSc student

Scientific presentation

A novel PilR/PilS two-component system regulates necrotic enteritis pilus production in *Clostridium perfringens*

Speaker: Yuanyuan Zhou, MSc student

Evaluator: Yujia Wu, MSc student

General Evaluator: Dr. Marcos Cordeiro

February 9, 2021

Extension Presentation

Applications of probiotics in poultry litter and water treatment

Chair: Aaron Knodel, MSc student

Speaker: Yujia Wu, MSc student

Evaluator: Orië Hochman, MSc student

General Evaluator: Dr. Argenis Rodas-Gonzalez

February 23, 2021

Scientific presentation

Essential oils as antibiotic alternatives in broiler chickens

Chair: Laura Beens, MSc student

Speaker: Chongwu Yang, PhD student

Evaluator: Carla Plett, MSc student

General Evaluator: Dr. Anna Rogiewicz

March 2, 2021

Extension presentation

Comparing alternative swine farrowing housing

Chair: Yuanyuan Zhou, MSc student

Speaker: Laura Beens, MSc student

Evaluator: Tetiana Sessingnong, MSc student



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

Extension presentation

Incorporation of rumen by-pass fats in dairy cow diets

Speaker: Aaron Knodel, MSc student
Evaluator: Haoxiang Xu, PhD student

General Evaluator: Dr. George Gozho

March 9, 2021

Extension presentation

Poultry vaccines: difference in delivery and effectiveness

Chair: Tetiana Sessingnong, MSc student

Speaker: Orië Hochman, MSc student

Evaluator: Laura Beens, MSc student

Poster presentation

Assessment of the effects of hemp meal as a protein supplement on production and health of dairy cows

Speaker: Franklin Addo, MSc student

Evaluator: Aaron Knodel, MSc student

General Evaluator: Dr. Karmin O

March 16, 2021

Scientific presentation

Comparison between methionine and cysteine in relation with oxidative stress and inflammation in pigs

Chair: Yujia Wu, MSc student

Speaker: Bonjin Koo, PhD student

Evaluator: Xiaoya Zhao, PhD student

Poster presentation

Potential prebiotic effect of canola non-starch polysaccharide hydrolysis products in weaned piglets challenged with *E.coli*

Speaker: Xiaoxiao Zhang, MSc student

Evaluator: Chongwu Yang, PhD student

General Evaluator: Dr. Kees Plaizier

March 23, 2021

Scientific presentation

Reducing the effects of grain-based SARA challenge on gastrointestinal microbiomes and immune response through the use of yeast culture fermentation products

Chair: Haoxiang Xu, PhD student

Speaker: Junfei Guo, PhD student

Evaluator: Shunshun Jin, PhD student

Extension presentation

Applications of automated monitoring systems for estrus detection and herd health management

Speaker: Hannah Keenes, MSc student

Evaluator : Emmanuel Adeshakin, MSc student

General Evaluator: Dr. Chengbo Yang

March 30, 2021

TK Cheung Special Seminar

Handling cattle, pigs, and sheep at meat plants

Chair: Dr. Karmin O

Speaker: Dr. Temple Grandin, Professor, Department of Animal Science, Colorado State University



April 6, 2021

Scientific Presentation

Assessment of the effects of hemp meal as a protein supplement on production and health of dairy cows

Extension Presentation

Non-starch polysaccharides (NSP) and NSP enzymes

Chair: Carla Plett, MSc student

Speaker: Franklin Addo, MSc student

Evaluator: Jichen Song, PhD student

Speaker: Tetiana Sessingnong, MSc student

Evaluator: Jinyoung Lee, PhD student

General Evaluator: Dr. Paula Azevedo

April 13, 2021

Scientific presentation

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

Poster presentation

TBA

Chair: Hannah Keenes, MSc student

Speaker: Daphne McKnight, MSc student

Evaluator: Kelebe Gunte, PhD student

Speaker: Rachita Maniyar

Evaluator: Wijerathne Charith, PhD student

General Evaluator: Dr. Chengbo Yang



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