



**Department of Animal Science Seminar Series
Winter 2022, 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 25, 2022

Scientific presentation

Management of acute kidney injury

Extension presentation

Impacts of climate change on grasslands

Chair: Tao Wang, MSc student

Speaker: Charith Wijerathne, PhD student

Evaluator: Kelebe Gunte, PhD student

Speaker: Bryan Encabo, MSc student

Evaluator: Yanxing Niu, PhD student

General Evaluator: Dr. Argenis Rodas-Gonzalez

February 1, 2022

Extension Presentation

Application of sodium metabisulfite in swine nutrition

Extension Presentation

Understanding the effects of the COVID-19 pandemic on animal agriculture

Chair: Aaron Knodel, MSc student

Speaker: Tao Wang, MSc student

Evaluator: Oluwakemi Omotosho, MSc student

Speaker: Ashlyn Scott, MSc student

Evaluator: Ankita Saikia, MSc student

Speaker: Arantxa Asun, MSc student

Evaluator: Wijerathne Charith, PhD student

General Evaluator: Dr. Anna Rogiewicz

February 8, 2022

Scientific presentation

Development, characterization and validation of a recombinant cELISA for the rapid detection of H5 Avian Influenza antibodies in poultry animals

Poster presentation

TBD

Chair: Oluwakemi Omotosho, MSc student

Speaker: Orië Hochman, MSc student

Evaluator: Andy Che, MSc student

Speaker: Aaron Knodel, MSc student

Evaluator: Arantxa Asun, MSc student

General Evaluator: Dr. Karmin O

February 15, 2022

Scientific presentation

Chair: Bryan Encabo, MSc student

Speaker: Hannah Keenes, MSc student

Evaluator: Laura Beens, 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

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

Extension presentation
TBD

March 1, 2022

Poster presentation

Estimation of carrying capacities and stocking rates of agricultural Crown lands in Manitoba

Scientific presentation

The probiotic effect of enzymatically-released bioactive components of canola meal fiber on gut health and growth performance

March 8, 2022

Extension presentation

Development of a tool for rapid analysis of glucosinolates in canola meal

Poster presentation

Expeller/cold pressed canola as a valuable feed ingredient for poultry

March 15, 2022

Scientific presentation

Characterization of first cut alfalfa grass silage management practices on Canadian dairy farms and their impact on quality

Poster presentation

TBD

March 22, 2022

Scientific presentation

The role of the pig gut microbiome and diet type in determining the efficiency of feed utilization

Speaker: Ekorina Chan, MSc student

Evaluator: Carla Plett, MSc student

General Evaluator: Dr. George Gozho

Chair: Ankita Saikia, MSc student

Speaker: Bryan Encabo, MSc student

Evaluator: Ekorina Chan, MSc student

Speaker: Yanxing Niu, PhD student

Evaluator: Ashlyn Scott, MSc student

General Evaluator: Dr. Meagan King

Chair: Baiyan Zhou, MSc student

Speaker: Andy Che, MSc student

Evaluator: Shiven Patel, MSc student

Speaker: Tetiana Sessingnong, MSc student

Evaluator: Tao Wang, MSc student

General Evaluator: Dr. Emma McGeough

Chair: Chantele Gouliquer, MSc student

Speaker: Carla Plett, MSc student

Evaluator: Bryan Encabo, MSc student

Speaker: Ankita Saikia, MSc student

Evaluator: Shengnan Li, PhD student

General Evaluator: Dr. Karmin O

Chair: Arantxa Asun, MSc student

Speaker: Yujia Wu, MSc student

Evaluator: Baiyan Zhou, MSc student

Speaker: Bryan Encabo, MSc student



*provides additional comments to
the speaker(s)*

Chair/Course Instructors

Announcements and closing
remarks

Scientific presentation

Land cover classification of agricultural
Crown lands in Manitoba using remotely
sensed inventories

Evaluator: Chantele Gouliquer, MSc student

General Evaluator: Dr. Kees Plaizier

March 29, 2022

TK Cheung Special Seminar

Variability in nutrient composition and
implications for ration formulation

Chair: Dr. Chengbo Yang

Speaker: Dr. Bill Weiss, Emeritus Professor,
Department of Animal Science, Ohio State
University

April 5, 2022

Scientific Presentation

Improving competitiveness and
sustainability of pork production through
increase in feed efficiency and improved
carcass quality by innovative application
of microbiome profiling, computed
tomography and genomics

Chair: Ashlyn Scott, MSc student

Speaker: Laura Beens, MSc student

Evaluator: Jinyoung Lee, PhD student

Scientific Presentation

TBD

Speaker: Aaron Knodel, MSc student

Evaluator: Shunshun Jin, PhD student

General Evaluator: Dr. Karmin O

April 12, 2022

Scientific presentation

Improving bone health and eggshell
quality through maintaining a desired
calcium homeostasis in laying hens

Chair: Shengnan Li, PhD student

Speaker: Qianru Hui, PhD student

Evaluator: Jichen Song, PhD student

Speaker: Tetiana Sessingnong, MSc student

Evaluator: Xiaoya Zhao, PhD student

General Evaluator: Dr. Karmin O

April 19, 2022

Special Seminar

TBA

Chair: Dr. Chengbo Yang

Speaker: Amy Johnston, MSc. PAg.

Livestock Specialist – Poultry
Manitoba Agriculture and Resource
Development