

**Animal Breeding and Genetics Fall Seminar Series, 2020 (AnS 658)
Iowa State University**

Detailed schedule

Fridays

1:10-2:00 P.M.

On-line for most seminars. The Ensminger Room* (1204 Kildee Hall) will be used for AnS 658 registered students' presentations

** Please note the Ensminger room has been reconfigured for social distancing and there is limited seating is available for in-person attendance for seminars. Preference will be given to members of speaker's lab. Information on reserving a seat for in-person participation as well as participation on-line will be provided as soon as possible.*

August 21

Fiona McCarthy, Ph.D.

Professor, Department of Animal and Comparative Biomedical Sciences, University of Arizona

"From data to information: resources for providing functional predictions at a genome scale"

August 28

Francisco Peñagaricano, Ph.D.

Assistant Professor, Department of Animal and Dairy Sciences, University of Wisconsin

"Genetic dissection of dairy bull fertility: from fine mapping to genomic prediction"

September 4

Heather J. Huson, Ph.D.

Assistant Professor, Department of Animal Science, Cornell University

"New insights into the genetics of dairy cattle lameness and mastitis using novel phenotypes and longitudinal data"

September 11

Daniela Lourenço, Ph.D.

Assistant Professor, Department of Animal and Dairy Sciences, University of Georgia

"Genomic evaluations: easier said than done"

September 18

Haipeng Yu, Ph.D.

Postdoctoral research associate, Laboratory of Jack Dekkers,

Department of Animal Science, Iowa State University

"Designing and modeling high-throughput phenotyping data in quantitative genetics"

September 25

Christine Baes, Ph.D.

Associate Professor, Dept. of Animal Biosciences, University of Guelph

"Novel traits on the horizon in dairy and poultry: conceptual and theoretical aspects"

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(continued)

October 2

Lizhi Wang, Ph.D.

Associate Professor, Dept. of Industrial & Manufacturing Systems Engineering
“Design of simulators and optimizers for genomic selection”

October 9 (Ensminger Room presentation)

Ken Stalder, Ph.D.

Professor, Department of Animal Science, Iowa State University
“The Genetics of Sow Longevity”

October 16

Jian (Mark) Cheng

Ph.D. Student, Laboratory of Dr. Jack Dekkers,
Department of Animal Science, Iowa State University
“Genome-wide association studies and genomic prediction in wean-to-finish pigs from a natural disease challenge model”

October 23

Hao Cheng, Ph.D.

Assistant Professor, Department of Animal Science, University of California, Davis
“Exploring Hidden Structures in Genome to Phenome”

October 30

Wen Huang, Ph.D.

Assistant Professor, Department of Animal Science, Michigan State University
“SWIM-a public swine genotype imputation server”

November 6

John Hsieh

Ph.D. Student, Laboratory of Dr. Susan Lamont,
Department of Animal Science, Iowa State University
“Bioinformatics Considerations for Microbiome Studies in Production Animals”

November 13

Josue Chinchilla-Vargas

Ph.D. Student, Laboratory of Dr. Max Rothschild,
Department of Animal Science, Iowa State University
“Wooly Forests and Random Pigs: A Case Study”

November 20

Juber Herrera Uribe, Ph.D.

Postdoctoral research associate, Laboratory of Dr. Chris Tuggle,
Department of Animal Science, Iowa State University
“Deep transcriptomic profiling of porcine immune cells reveals distinct gene regulatory networks”

Webex information next page

Webex Meeting Joining information:

Animal Breeding and Genetics seminar

Hosted by Christopher Tuggle

Occurs every Friday effective 8/21/2020 until 11/20/2020 from 1:05 PM to 2:05 PM, (UTC-05:00) Central Time (US & Canada) **Seminar will start at 1:10**

Meeting number: 120 231 5787

Password: iP8t4MmF7ND

<https://iastate.webex.com/iastate/j.php?MTID=ma260ea415b5b2cd98c1eddb54e38d741>

Join by video system

Dial 1202315787@iastate.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

Join by phone

+1-312-535-8110 United States Toll (Chicago)

Access code: 120 231 5787