

BIOGRAPHIES OF FEATURED SPEAKERS



Dr. Jennifer Brown

Dr. Jennifer Brown joined the Prairie Swine Centre (PSC) in 2009 where her research focuses on issues related to pig behaviour and welfare, including management of sows in group housing, the use of pain control at castration, transportation of nursery and finisher pigs, sow longevity and risk factors for sow mortality. In addition Jennifer teaches at the University of Saskatchewan where she is an Adjunct Professor in the Department of Animal and Poultry Science. She has been active on numerous scientific committees, working with the Canadian Pork Council, National Farm Animal Care Council, National Pork Board (USA) and World Organization for Animal Health (OIE).



Dan Bussières

Swine nutritionist Dan Bussières co-founded Groupe Cérés Inc. in 2004. The company specializes in all areas of swine production, including consulting services in swine production, production and distribution of breeding stock, and sales of nutritional products. Group Cérés Inc. and its affiliates influence the feeding of more than 4.5 million pigs annually, including the supervision of nutrition and R&D for HyLife. Dan is also consulting in nutrition and production with Tianzow Breeding, a company in China that has 80,000 sows in production.



Andrew Dickson

Andrew Dickson brings more than 35 years of experience to the livestock industry, including agricultural extension, legislative and regulatory policy development, and rural economic development. He has been General Manager of Manitoba Pork since 2005. Prior to joining the Council, he worked for the Manitoba government in Agriculture, Food and Rural Initiatives where he held a variety of positions, including agricultural representative, chief of 4-H programs and over 20 years as the Director of the Interlake and Eastern Regions.



Prof. Dr. Georg Dusel

Growing up on his parents' swine farm in Bavaria/Germany and completing a farming apprenticeship in addition to practical traineeships, Prof. Dusel has a long history with pig production. Currently a professor of Animal Nutrition and Animal Health at the University of Applied Sciences Bingen, Germany, he teaches and conducts research programs in the area of animal nutrition and physiology, feed science, and feeding management systems. Dr. Dusel has authored or co-authored more than 60 peer-reviewed publications on animal nutrition and animal physiology.



Trevor Elyk

Trevor Elyk is a senior manager for MNP's Farm Management Consulting group. With more than 15 years of experience, Trevor has extensive knowledge in the areas of business and strategic planning, farm financial planning, operational and production reviews, feasibility analysis, farm transition planning and cost of production analysis. He takes pride in helping farmers improve their overall efficiency and productivity with cost-effective strategies and solutions.



Martine Giguère

Agronomist Martine Giguère joined Agro-Bio Contrôle inc. in 2017, where she works closely with the swine and poultry industries, and has spoken on water quality to industry, government and the veterinary community in Quebec. She graduated from McGill University in Montreal with a degree in agricultural science and holds a Master degree in Administration from Sherbrooke University.



Brad Heron

Dr. Brad Heron is Director of Operations for the Pork Division at Cherkizovo Group, Russia's largest meat producer and second largest pork producer. The division has nearly doubled its annual total pigs marketed, on nearly the same sow base, over the last five years. Shortly after Brad assumed this position, Cherkizovo fell victim to an African Swine Flu outbreak. Despite the high cost of the outbreak, Cherkizovo emerged from its rebuilding effort demonstrating that, in the new global economic reality of ASF, the ROI on bio-security investments has never been so significant. Since the outbreak, Brad has led Cherkizovo as it has emerged on the forefront of developing procedures to prevent and contain this emerging threat to the international pork supply, including coordinating with experts in a number of fields as the industry continues to struggle with this threat.



Ron Ketchum

Ron Ketchum, co-owner of Swine Management Services, LLC, (SMS) has more than 35-years' experience in the pig industry. The Nebraska-based company, a leading supplier of information solutions to the swine industry, is known for its SMS Farm Benchmarking program with more than 850 farms and 1.5 million sows, SMS Analysis Program with in-depth analysis of sow records with more than 180 farms and 400,000 sows, SMS Growing Benchmarking with over 30 million pigs, and SMS Carcass Evaluation with over 3 million carcasses. Ron is also involved in on-farm consulting in the US, Canada, China, Philippines and Australia.



Tia Landry

Agrologist Tia Landry is a production analyst for Maple Leaf Agri-Farms (MLAF). A graduate of the University of Manitoba's animal science department, Tia began her career as an animal care technician in a sow barn. However she quickly moved into a role with the MLAF's training team where she focused on the hands-on care of the animals on farm. Her passion for animal welfare continues to fuel her career in the swine industry.



Dr. Pedro Mosqueira

Veterinarian Pedro Mosqueira is PIC's Global Technical Services Manager. For more than 12 years, Dr. Mosqueira has worked with pig producers to improve profitability through technical services in sow farms with a special focus on batch farrowing, group housing, gilt management, and sow retention.



Dr. Tomas Norton

Based in the Division of Animal and Human and Health Engineering (group of M3-BIORES) at the KU Leuven, Dr. Tomas Norton holds a PhD in Biosystems Engineering from University College Dublin (Ireland). His current research focus is on Prairie Livestock Farming (PLF) applications, focussing on real-time modelling and control of animal bio-responses. He is PI and co-PI on collaborative National and International projects funded by the Belgium government and USA. He is coordinator of courses on Measuring, Modelling and Managing Bio-responses and Sustainable PLF, and Animal Production Engineering at the KU Leuven. Since 2018 he has been Chair of Section 2 of International Commission of Agricultural and Biosystems Engineering (CIGR).



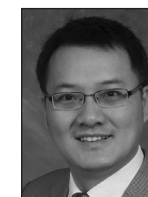
Dr. Brett Ramirez

An assistant professor at Iowa State University, Dr. Brett Ramirez's research and extension program encompasses swine and poultry production systems with a primary focus on: ventilation systems, natural resource and energy efficiency, animal energetics, environmental control, and precision livestock farming. The mission is to provide and advance the science and technology needed to address these areas in animal production systems. Through mentoring students on fundamental and applied research projects, his program aims to generate practical solutions to current and emerging issues surrounding animal agriculture and its producers.



Tricia Schmalenberg

As environment manager at Maple Leaf Agri-Farms, Professional Engineer Tricia Schmalenberg is responsible for waste storage infrastructure, nutrient application, regulatory compliance and water management at more than 100 Maple Leaf farms. With more than 15 years' experience in the agricultural sector and her work with the Manitoba Livestock Manure Management Initiative (MLMMI), Trish is an expert on the issues of manure handling and PEDv.



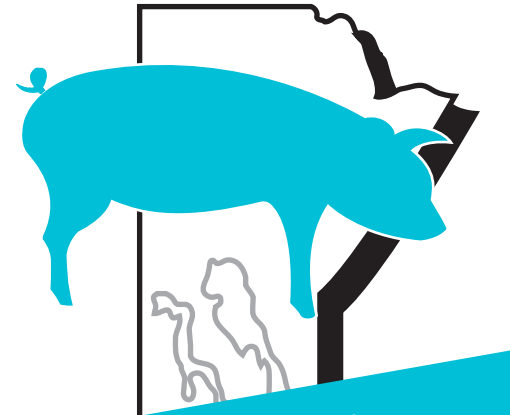
Dr. Chengbo Yang

An assistant professor in Livestock Nutrition and Nutritional Biochemistry in the animal science department at the University of Manitoba, Dr. Chengbo Yang's research focuses on gut health and nutrient utilization relevant to non-ruminants. His research has been supported by NSERC, Canada Foundation for Innovation, and USDA. He currently serves as an editorial board member for three journals including the Canadian Journal of Animal Science.

OTHER SPEAKERS INCLUDE

Mark Chambers, Sunterra Farms • Dr. Egbert Knol, Topigs Norsvin • Kyla Ripley, Carlo Genetics • Dr. Mario Tenuta, University of Manitoba • Dr. Scott Zaari, Manitoba Agriculture and Resource Development

MANITOBA SWINE SEMINAR 2020



Register Online at
www.ManitobaSwineSeminar.ca

SHARING IDEAS AND INFORMATION FOR EFFICIENT PORK PRODUCTION

February 5 - February 6, 2020

VICTORIA INN HOTEL & CONVENTION CENTRE
WINNIPEG, MANITOBA

ADJACENT TO THE WINNIPEG JAMES ARMSTRONG RICHARDSON
INTERNATIONAL AIRPORT

SHARING IDEAS AND INFORMATION FOR EFFICIENT PORK PRODUCTION

Welcome to the 2020 Manitoba Swine Seminar. This year we have assembled a group of speakers who bring a wealth of knowledge and experience to address various challenges and issues affecting Manitoba's pork industry. Addressing today's challenges will help Manitoba's producers remain competitive in the future.

The 2020 Manitoba Swine Seminar will again host a series of presentations that provide useful information for anyone associated with the pork production business and present ways that each participant can contribute to the long-term sustainability of the pig industry.

Included among the topics to be discussed at the 2020 Manitoba Swine Seminar are: an update on the state of the industry, preparing for a potential disease outbreak of African Swine Fever, the economic impact of diseases on swine production, water acidification and animal performance, ventilation in the barn, gilt development to optimize production and producing commercial pigs at the lowest cost.

The Manitoba Swine Seminar has received tremendous support and interest over the past 34 years. The 2020 Seminar will be held at the Victoria Inn Hotel & Convention Centre located near the Winnipeg James Armstrong Richardson International Airport. This is a large facility with many amenities to accommodate the participants attending the Seminar.

SEE YOU AT THE SEMINAR!

SWINE SEMINAR 2020 COMMITTEE:

Ron Bazylo, Manitoba Agriculture and Resource Development
Miles Beaudin, Manitoba Agriculture and Resource Development
Neil Booth, Maple Leaf Agri-Farms
Lara Forchuk, Bio Agri Mix
Robyn Harte, Manitoba Agriculture and Resource Development
James Hofer, Starlite Colony
Sean Johnston, Fortified Nutrition
Steffen Klenk, PIC Canada
Dr. Martin Nyachoti, University of Manitoba
John Sawatzky, Topigs Norsvin Canada
Dr. Chengbo Yang, University of Manitoba
Dr. Zhenbin Zhang, Jefe Nutrition

February 5

8:00 – 9:30 am Registration

9:20 – 9:30 am Opening Remarks

MAJOR SPEAKERS

9:30 – 10:00 am **Manitoba Swine Industry Update**
 Andrew Dickson
 Manitoba Pork

10:00 – 10:45 am **Potential Economic Consequences of Disease in Swine Production**
 Trevor Elyk
 MNP

10:45 – 11:15 am **PEDv in Manitoba: An Update/Role of Manure Handling**
 Tricia Schmalenberg
 Maple Leaf Foods

11:15 – Noon **ASF: An Update and Manitoba's Preparedness**
 Dr. Scott Zaari, CVO
 Manitoba Agriculture and Resource Development

Noon – 1:00 pm LUNCH

Break Out Session A Sow Management

1:00 – 1:30 pm **Implementation of a Batch Farrowing System**
 Dr. Pedro Mosqueira
 PIC

1:30 – 2:15 pm **Loose Sow Housing: Managing Social Behaviour and Aggression**
 Dr. Jennifer Brown
 Prairie Swine Centre
 Saskatchewan

2:15 – 3:00 pm **Lessons Learned From Converting to Pen Gestation**
 Mark Chambers
 Sunterra Farms

3:00 – 3:15 pm

3:15 – 4:00 pm

4:00 – 4:30 pm

Break Out Session B Managing Gut pH in Pigs

1:00 – 1:30 pm **Water Acidification and Animal Performance**
 Martine Giguere
 Agro-Bio Contrôle inc.

1:30 – 2:15 pm **Diet Formulation to Impact Gut pH**
 Dr. Chengbo Yang
 University of Manitoba

2:15 – 3:00 pm **Producing Commercial Pigs With the Lowest Cost**
 Brad Heron
 Cherkizovo Group
 (Pork Division) Russia

3:00 – 3:15 pm

3:15 – 4:00 pm **Training, Motivation and a Culture of Safety**
 Tia Landry
 Maple Leaf Agri-Farms

4:00 – 4:30 pm **Canadian Pig Production Practices Survey for Improved Economic and Environmental Viability**
 Dr. Mario Tenuta
 University of Manitoba

February 6

8:00 – 9:30 am Registration

9:00 – 9:05 am Opening Remarks

9:05 – 9:20 am **The Honourable Blaine Pedersen, Minister**
 Minister of Agriculture and Resource Development

MAJOR SPEAKERS

9:20 – 10:00 am **Gilt Development: Things to Know for Optimizing Production**
 Dan Bussières
 Group Cérés, Quebec

10:00 – 10:45 am **New Challenges in Sow Nutrition**
 Prof. Dr. Georg Dusel
 University of Applied Sciences
 Bingen, Germany

10:45 – 11:30 am **Precision Pig Farming: Exploiting Innovative Technology to Realize Better Welfare and Productivity**
 Dr. Tomas Norton
 KU Leuven, Belgium

11:30 – Noon **Feed Efficiency**
 Dr. Egbert Knol
 Topigs Norsvin

Noon – 1:00 pm LUNCH

1:00 – 1:45 pm **Production Trend Lines Into 2020**
 Ron Ketchem
 Swine Management Services LLC
 USA

1:45 – 2:15 pm **Quality Assurance and Biosecurity in a Canadian Boar Stud**
 Kyla Ripley
 Carlo Genetics

2:15 – 2:30 pm REFRESHMENT BREAK

2:30 – 3:00 pm **Managing Ventilation in the Barn**
 Dr. Brett Ramirez
 Iowa State University
 USA

3:00 – 4:00 pm **PANEL DISCUSSION: Aiming for the Bullseye**
 • James Hofer
 Starlite Colony (moderator)
 • Dan Bussières
 Group Cérés, Quebec
 • Prof. Dr. Georg Dusel
 University of Applied Sciences
 Bingen, Germany
 • Dr. Tomas Norton
 KU Leuven, Belgium
 • Dr. Egbert Knol
 Topigs Norsvin

REGISTRATION INFORMATION

(Registration fees include GST)
GST registration # : 801289372

Advance Registration Fees
 (by January 23):
 Two Days \$196.35 One Day \$131.25

Registration Fees
 (after January 23):
 Two Days \$210.00 One Day \$140.00

Registration Fees for Students (with I.D.)
 Two Days \$95.00 One Day \$75.00

Note: One copy of the proceedings and lunch is included in the cost of registration. Additional copies of the 2020 proceedings will be provided at the Seminar registration table for \$35.00 per copy. Copies of previous proceedings will also be available.

Cancellation Policy

For cancellations received by January 23, 2020 registration fees will be refunded minus a \$50 administration fee. Cancellations received after January 23 will not be refunded.



We have again been able to provide a quality Seminar at reasonable registration fees but we need your participation to ensure success

For more information, please contact:

Dallas Ballance, seminar manager
 Tel: (204) 475-8585
 Fax: (204) 475-8200
 Email: Dallas@goodwinballance.ca

Accommodation

Please make your own reservations and state that you are with Manitoba Swine Seminar (Group # 127842) to be assured of receiving the preferred rate of \$132.00 single/double exclusive of all taxes. **FREE PARKING.**

For reservations call:
 Victoria Inn Hotel & Conference Centre
 Winnipeg, Manitoba
 Tel: (204) 786-4801

Register Online at www.ManitobaSwineSeminar.ca

REGISTRATION FORM

(PLEASE PRINT CLEARLY)

Name* _____

Organization / Farm Name* _____

Mailing Address _____

City/Prov _____

Postal Code _____

Telephone () _____

Fax () _____

Email _____

Affiliation: Producer Education
 Industry Student
 Government Other

Special requirements (if any) _____

*Note: This information will appear on your nametag. If more than one registrant, please attach a separate sheet with information as required. (Nametags are necessary to participate in all sessions and food functions.)

Days attending:

February 5, 2020 February 6, 2020

Amount Enclosed: _____

Make cheques payable to
MANITOBA SWINE SEMINAR

Mail registration form and cheque to
Manitoba Swine Seminar
c/o 212 - 161 Stafford Street
Winnipeg, Manitoba
Canada R3M 2W9