



A World of Information

QUESTIONS?  
Contact Symposium Coordinator  
Sask Pork  
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# 41

*Celebrating  
41 Years of "a World  
of Information"*

November 14-15, 2018  
Saskatoon Inn and  
Conference Centre  
Saskatoon, SK



saskatchewan  
pork industry symposium 2018

## Welcome...

## Thank you to our 2018 Sponsors

### Premium

- Government of Saskatchewan - General Sponsor
- Hypor Canada - Namebadge Lanyards
- Maple Leaf Foods - Pork for Banquet
- Olymel S.E.C./L.P. - Lunch Wednesday
- Thunder Creek Pork - Lunch Thursday

### Event

- Bio Agri Mix - General Sessions Wednesday PM
- Fast Genetics - Breakfast Wednesday
- H@ms Marketing Services - Reception Hors d'oeuvres
- K&J Services & Agri-Systems - Reception Cocktail
- Masterfeeds an Alltech Company - Conference Bags
- Maximus - General Sessions Thursday AM
- Merck Animal Health - Breakfast Thursday
- MRK Ag Solutions - General Sponsor
- Penner Farm Services - Refreshment Break Wed PM
- PIC North America - General Sessions Thursday PM | Speaker Sponsor
- Polar Pork Farms - Refreshment Break Wednesday AM
- Standard Nutrition - Refreshment Break Thursday AM
- Topigs Norsvin Canada Inc. - Banquet Wine

### Universal

- Automated Production
- Boehringer-Ingelheim Animal Health
- Canadian Bio-Systems
- Elanco Animal Health (Exhibitor)
- Farm Credit Canada
- Fortified Nutrition Limited
- Proveta Nutrition Ltd.
- Sunterra Farms - Speaker Sponsor
- U of S College of Agriculture and Bioresources
- VIDO-Intervac
- Warman Veterinary Services
- Wilbur-Ellis Company of Canada
- Zoetis (Exhibitor)

### Media

- Canadian Hog Journal
- Farmscape Media Network
- Prairie Hog Country

## Premium Sponsors



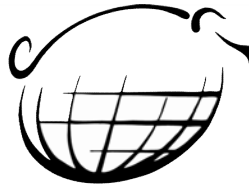
## Event Sponsors



MAXIMUS



## **Celebrating 41 Years!**



*A World of Information*

### **2018 Saskatchewan Pork Industry Symposium Advisory Committee**

Darren Bates, Elanco Animal Health  
Jeff Bergermann, Olymel  
Kim Browne, Sask Pork  
Dan Columbus, Prairie Swine Centre  
Carl Esau, Hypor, A Hendrix Genetics Company  
Mark Ferguson, Sask Pork  
Steffen Klenk, PIC North America  
Glenn Kuhn, Topigs  
Yolande Seddon, University of Saskatchewan  
Toby Tschetter, Star City Farming



*Wednesday, November 14, 2018*  
**MORNING GENERAL SESSIONS**  
(SASKATCHEWAN B)

*Conference Bags Sponsor - MASTERFEEDS an Alltech Company*  
*Namebadge Lanyards Sponsor - HYPOR*

- 7:15 a.m. REGISTRATION** (Mezzanine)
- BUFFET BREAKFAST** (Saskatchewan C)  
*Sponsored by FAST GENETICS*
- 8:20 a.m. Welcome to Symposium** (Saskatchewan A/B)  
Neil Ketilson, Sask Pork
- 8:30 a.m. Bridging the Gap Between Rural/Urban Populations**  
Trent Loos  
Loos Tales from the Farm, Nebraska, USA
- 9:15 a.m. Canadian Pork Excellence**  
Audrey Cameron, MSc., B.Sc Agr, Animal Science  
Canadian Pork Council, Ottawa, ON
- 10:00 a.m. REFRESHMENT BREAK** (Saskatchewan C)  
*Sponsored by POLAR PORK FARMS*
- 10:30 a.m. 5 Hot Topics in Sow Management**  
Valerie Duttlinger  
Swine Management Services, Fremont, NE USA
- 11:15 a.m. Why Proper Handling of Veterinary Drugs is a Good Investment**  
Dr. Judy Hodge, BSc, DVM, MPH  
Swine Health Professionals, Steinbach, MB
- 12:00 p.m. LUNCH** (Saskatchewan C)  
*Sponsored by OLYMEL S.E.C./L.P.*

**AFTERNOON GENERAL SESSIONS**  
(SASKATCHEWAN A/B)

*General Sessions Sponsor - BIO AGRI MIX*

- 1:00 p.m. How to Improve Feed Efficiency in the Barn**  
Dr. John Patience, PhD  
Iowa State University, Ames, IA USA
- 1:45 p.m. Ventilation: Why the In-barn Environment Matters**  
Dr. Brett Ramirez, PhD  
Iowa State University, Ames, IA USA
- 2:30 p.m. African Swine Fever: Critical Steps to Protecting Your Investment**  
Dr. Egan Brockhoff, DVM  
Prairie Swine Health Services, Red Deer, AB

## *AFTERNOON GENERAL SESSIONS*

(SASKATCHEWAN A/B)

**3:15 p.m. REFRESHMENT BREAK** (Saskatchewan C)  
*Sponsored by PENNER FARM SERVICES*

### CONCURRENT SESSIONS

**3:45 p.m. Keys to Finishing Success**  
Valerie Duttlinger  
Swine Management Services, Fremont, NE USA  
(Courtyard Room)

**3:45 p.m. Back to Basics: *Better Starts in the Nursery***  
Dr. Ryan Tenbergen, DVM, MSc  
Demeter Services Veterinaires Inc., Levi, QC  
(Canadian Room)

**4:30 p.m.** Afternoon Sessions Adjourn

## *EVENING BANQUET & PROGRAM*

(SASKATCHEWAN A/B)

*Cocktail - K&J SERVICES & AGRI-SYSTEMS*  
*Hors d'oeuvres - H@MS MARKETING*

*Pork for Dinner - MAPLE LEAF FOODS*  
*Wine for Dinner - TOPIGS NORSVIN CANADA*

**5:00 p.m. Reception (Mezzanine)**

**6:00 p.m. Evening Program**  
Master of Ceremonies, Neil Ketilson

**6:10 p.m. Greetings from the Government of Saskatchewan**

**6:20 p.m. Grace - Rev. Sam Kleinsasser, Golden View Colony**

**6:30 p.m. Dinner Served (Ballroom A&B)**

**7:45 p.m. Awards of Distinction Presentations**

**Evening music provided by Mark Zielke**

*Thursday, November 15, 2018*  
**MORNING GENERAL SESSIONS**  
(SASKATCHEWAN B)

General Sessions Sponsor - **MAXIMUS**

- 7:30 a.m. REGISTRATION** (Mezzanine)
- BUFFET BREAKFAST** (Saskatchewan C)  
*Sponsored by* **MERCK ANIMAL HEALTH**
- 8:20 a.m. Welcome** (Saskatchewan B) - Neil Ketilson
- 8:30 a.m. Building a Successful Team**  
Trish Hyshka  
Sunterra Farms, Acme, AB
- 9:15 a.m. Trump, Trade and Global Pork**  
Brett Stuart  
Global Agri-Trends, Denver, CO USA
- 10:00 a.m. REFRESHMENT BREAK** (Saskatchewan C)  
*Sponsored by* **STANDARD NUTRITION**
- 10:30 a.m. Research Connections Abstract Competition**  
Graduate Student Swine Research Presentations  
Dan Columbus  
Prairie Swine Centre, Saskatoon, SK
- 11:15 a.m. Smart Systems in Pig Production**  
Dr. Tom Stein, DVM, MS, PhD  
Maximus Systems, Saint-Huber, QC
- 12:00 p.m. LUNCH** (Saskatchewan C)  
*Sponsored by* **THUNDER CREEK PORK**

**AFTERNOON GENERAL SESSIONS**  
(SASKATCHEWAN B)

General Sessions Sponsor - **PIC**

- 1:15 p.m. Grading Pigs: Increasing Overall Throughput with Optimum Weights**  
Brandon Fields  
Pig Improvement Company (PIC), Scottsville, KY USA
- 1:45 p.m. Legislation. Consumerism. Export Regulations - *Complicating the Life of the Nutritionist***  
Dr. John Patience, PhD  
Iowa State University, Ames, IA USA
- 2:30 p.m. What's New at the Prairie Swine Centre**  
Dr. Murray Pettitt, PhD  
Prairie Swine Centre, Floral, SK
- 3:00 p.m. Conference Adjourns**

Presenting our  
*Symposium 2018*  
*Speakers...*



**DR. EGAN BROCKHOFF, DVM**

Prairie Swine Health Services  
Red Deer, AB  
egan@prairieswinehealth.com

Dr. Egan Brockhoff is a strong advocate of agriculture and agribusiness. He is a graduate of the Western College of Veterinary Medicine at the University of Saskatchewan. His family operates a third-generation mixed farm in central Alberta.

He is the President and a practicing veterinarian with Prairie Swine Health Services in Red Deer, AB and Steinbach, MB. In 2010 he began providing consulting services in Asia focusing on veterinary training, infection prevention and control and enhancing biosecurity capacity.

His passion for agriculture and supporting farmers and agribusiness brought him to the Canadian Pork Council In 2014 where he joined the national stage as the Veterinary Counselor for the Canadian Pork Council.



**AUDREY CAMERON, B.S.A. (Agronomy)**

Canadian Pork Council  
Ottawa, ON  
cameron@cpc-ccp.com

Audrey completed her Bachelor degree in Agronomy, with a major in Animal Sciences at Laval University in 2008. She later moved to Edmonton, Alberta to do a master's degree in swine reproduction.

In 2011, she began her professional career with Alberta Pork in Edmonton as Provincial Coordinator for the CQA program, animal welfare and biosecurity files.

Audrey joined the Canadian Pork Council in 2014 as National Food Safety and Animal Care Programs Manager and is developing the Canadian Pork Excellence Platform with multiple industry stakeholders.

# 2018 PORK SYMPOSIUM REGISTRATION FORM

## PERSONAL INFORMATION:

Name: \_\_\_\_\_ Company: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

## SYMPOSIUM REGISTRATION AND PAYMENT

	Quantity	Cost	Total
<b>Full Two Day Program, November 14 and 15, 2018</b> <i>includes breakfast, lunch and one banquet ticket</i>	X	\$195	=
<b>Student Registration</b>	X	\$125	=
<b>Day 1 Only - November 14</b> <i>includes breakfast, lunch and one banquet ticket</i>	X	\$120	=
<b>Day 2 Only - November 15</b> <i>includes breakfast and lunch</i>	X	\$95	=
<b>Additional Banquet Tickets</b> <i>Cash Bar - 5:00 p.m.</i>	X	\$40	=

I will attend the banquet on November 14th  Yes  No

Registrations received after November 9, 2018 and walk-in registrations will be subject to a 25% late fee.

Sub-Total \_\_\_\_\_

GST (5%) \_\_\_\_\_

LATE FEE (if applicable) \_\_\_\_\_

TOTAL \_\_\_\_\_

Payment must accompany registration. Return registration form and payment by **November 9** to **Sask Pork, 2-502 45th Street West, Saskatoon, SK S7L 6H2. Please make cheques payable to Sask Pork.** Registration forms with credit card payment may be faxed to 306-244-1712 or call (306) 343-3507.

Method of Payment:  Cheque  Visa  MasterCard  American Express

Cardholder Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Card Number: \_\_\_\_\_

Expiry Date: \_\_\_\_\_

CVC Code: \_\_\_\_\_

**ACCOMMODATION INFORMATION:** Registration fees do not include accommodations. A block of rooms is reserved at the **Saskatoon Inn and Conference Centre, 2002 Airport Drive, Saskatoon, SK.** Please request the **Pork Symposium Group Rate of \$159 and \$169** plus taxes per night. Early booking is encouraged - Reservations must be made **before November 9.** Reservations Toll Free 1-800-667-8789 or book directly with the hotel at 306-242-1440.



## *Symposium 2018 Speakers*



**VALERIE DUTTLINGER**

Swine Management Services  
Fremont, NE  
Valerie.Duttlinger@swinems.com

Valerie grew up on a farrow to finish seedstock farm near Santa Claus, Indiana and attended Purdue University where her focus was Animal Science.

Upon graduation she returned to the family farm where she was part of the operation until June 2016 when she took her current position as Production Analyst with Swine Management Services in Fremont, Nebraska.

Valerie has traveled throughout the country and in Asia working on farms with producers in many capacities from production training, employee management, and data analysis.

Valerie and her husband Ben still reside near Santa Claus with their two sons, Blake and Jace. Valerie enjoys working with producers and their teams to continue to improve performance and efficiency doing what is right for the pigs and the people.



**BRANDON C. FIELDS, BS** (Meat Science)

Pig Improvement Company (PIC)  
Hendersonville, TN  
Brandon.Fields@genusplc.com

Brandon graduated from Purdue University in 1996 with an Animal Science degree and special emphasis in meat science.

In 1997 he joined PIC as a Pork Chain Specialist, focusing on in-plant data collection. He soon expanded his role to include technical services to the integrator and packer.

Today, Brandon is PIC's Manager of Applied Meat Science. He spends his time working with key integrated accounts around the globe to improve hog marketing strategies for maximum profitability, improvements in animal welfare from farm through plant, and in-plant operational challenges that affect both efficiencies and meat quality.

## *Symposium 2018 Speakers*



**JUDY HODGE**, BSc, DVM, MPH, DACVPM  
Swine Health Professionals (SHP)  
Steinbach, MB  
jhodge@shpswine.com

Judy joined SHP in 2017 focussing on producer education and on-farm research.

She graduated from the Western College of Veterinary Medicine in 2008 then worked two years in Dauphin, MB with livestock and companion animals in India with Global Vets and Uganda with Veterinarians without Borders.

She completed a Master of Public Health at New York University in 2012, working in emerging zoonotic disease research and global health programs. Judy returned to Canada in 2013 and co-founded Katrime Integrated Health contributing work on pandemic H1N1 influenza virus and the human-medicine versus agriculture drivers of antimicrobial resistance.

In 2014, she was a Foreign Animal Disease Veterinarian with the CFIA during the outbreak of Highly Pathogenic Avian Influenza and in 2015 moved to the One Health Operations as a vet with the Office of the Chief Veterinarian in Manitoba creating zoonotic disease management policies for anthrax and rabies.



**TRISH HYSHKA**  
Sunterra Farms Ltd.  
Acme, AB  
trish.hyshka@sunterra.ca

Trish is a Human Resource Manager for Sunterra Farms Ltd. in Acme, AB and worked for Sunterra for 24 years. She started her career as a stockperson in the Nucleus Farm of the company which was then known as Pig Improvement Canada.

Trish has done many different jobs within Sunterra from Farm Manager, Production Training Manager, Payroll Manager and then finally as HR Manager. She looks after 100+ employees in the Farms division of Sunterra and is involved in leadership training with affiliate companies.

Her biggest reward is watching people progress and grow into bigger roles.

## *Symposium 2018 Speakers*



### **TRENT LOOS**

Agriculture Advocate & Radio Personality  
Central Nebraska  
[www.LoosTales.com](http://www.LoosTales.com)

Trent is bridging that gap between rural food producers and their urban consumers. To share the positive story of production agriculture has been his mission since his radio program Loos Tales first aired in 2001 on KMZU in Missouri. Today, 3 million listeners on nearly 100 radio stations in 19 states hear the show every day, along with online listeners worldwide.

Trent travels the globe to unearth stories about the people involved in the many different facets of production agriculture and to ignite a passion for the story of food and the people who raise it.

A pork producer for 30 years, he is a passionate industry advocate and has been involved in Foreign Animal Disease, Trade, and animal welfare policies on provincial, national and international levels.



### **JOHN PATIENCE, PhD**

Iowa State University, Ames, IA USA  
[jfp@iastate.edu](mailto:jfp@iastate.edu)

John is a Professor of Applied Swine Nutrition in the Department of Animal Science at Iowa State University. He earned a B.Sc. (Agr) and M.Sc. degrees from the University of Guelph, and a Ph.D. from Cornell University. For 21 years, he directed the Prairie Swine Centre in Saskatoon after which, in 2008, he accepted his current position at Iowa State.

John's research focuses on supply and utilization of energy in swine diets, but more recently, he has been concentrating on fat and fibre utilization and metabolism. His interest in fibre has turned into an even more recent focus on how diet composition affects factors related to gut health, specifically how the diet can impact the pig's ability to resist or tolerate exposure to certain pathogens. John also consults extensively in pig nutrition and management across North and South America as well as Europe and Asia.

## *Symposium 2018 Speakers*



**MURRAY PETTITT, PhD**

Prairie Swine Centre, Saskatoon, SK  
murray.pettitt@usask.ca

Murray received his BSA in 1986 and M.Sc. in animal reproduction in 1991 from the University of Manitoba. He completed his PhD at the University of Guelph in 1997. As a post-doctoral fellow at the Ontario Veterinary College, he helped develop practical embryo transfer techniques in swine.

In 1999, he joined the Prairie Swine Centre as Assistant Manager, External Research then from 2003-2009 was responsible for leading the program and conducting proprietary contract research on behalf of companies and individuals in the swine industry.

He later joined the Department of Animal and Poultry Science at the U of S managing a research program that is investigating markers of sperm function to identify the fertility potential of boars and bulls.

He returned to Prairie Swine Centre as CEO on June 1, 2018.



**BRETT RAMIREZ, PhD**

Assistant Professor - ABE  
Iowa State University  
bramirez@iastate.edu

Brett is a new assistant professor in animal production systems engineering at Iowa State University. His research and extension program encompasses livestock and poultry production systems focussing on housing, natural resources, energy efficiency, animal energetics, environmental control, and precision livestock farming.

The goal of the program is to provide science and solve the problems impacting producers today and develop new technology to meet the animal's needs in an economical and sustainable way for the future. His expertise is in instrumentation and analysis of the key thermal environment and indoor air quality parameters that impact animal performance.

Brett holds a BS and MS from University of Illinois at Urbana-Champaign, and recently, his PhD from Iowa State University.

## *Symposium 2018 Speakers*



**TOM STEIN, DVM, MS, PhD**  
Maximus Systems  
Saint-Huber, QC  
tstein@maximus-systems.com

Tom is Senior Strategic Advisor with Maximus Systems who are developing next-generation production management software integrated with Maximus smart controllers. Their goal is to add Artificial Intelligence in the form of machine learning algorithms to help pork producers get insight from all the data.

From 2015 until early 2017, Tom was CEO of DP Techlink, a company that built a mobile animal feed traceability software solution using GPS tracking of feed trucks and feed orders. It is more generally a technology platform for linking transport to traceability, whether the transport is for feed or for live animals.

From 2000 until 2015, he was the founder, CEO, and Chairman of the Board of MetaFarms, Inc. who created a Web-based software system, using a SaaS business and delivery model (software-as-a-service), for all phases of pig production.



**BRETT STUART, MBA**  
Global Agri-Trends  
Denver, CO USA  
bstuart@globalagritrends.com

Brett is President of Global AgriTrends. The firm was organized in 2006 and provides global agricultural research, analysis and forecasting to a variety of clients around the world. He was formerly the economist for the U.S. Meat Export Federation.

He's conducted numerous research and analysis projects in the global meat trade area as well as advising government representatives on international trade issues.

Mr. Stuart has done on-the-ground meat industry research for clients on six continents. He was raised on a cattle ranch. He received an undergraduate degree in accounting at Utah State University and a Masters in Business Administration degree from the University of Nebraska. He and his wife Amanda live on a small farm near Preston, Idaho with their five children.

## *Symposium 2018 Speakers*



**RYAN TENBERGEN, DVM, MSc**  
Demeter Services Veterinaires Inc.  
Levis, QC  
rtenbergen@demetersv.com

Ryan grew up in Ingersoll, Ontario. He attended the University of Guelph completing a Bachelor of Science degree in animal biology and Master of Science degree in swine health management, followed by graduation from the Ontario Veterinary College in 2016.

With a strong interest and background in research, Ryan has authored and co-authored scientific papers in the areas of swine disease and management and delivered oral presentations at scientific conferences and swine production meetings.

He joined Demeter Services Veterinaires in 2016 as an associate veterinarian servicing farms in Ontario, Manitoba and the Maritimes. He enjoys being challenged with new problems and helping people be successful in the swine industry. He currently lives in Cambridge with his wife, Meaghan, and son, Blake.

