Iowa Swine Day
Thursday, June 24, 2021
Scheman Building, Ames, IA

7:30 AM  Registration opens
1st floor lobby, Scheman Building

Plenary session
Session chair: Stacie Matchan, extension program specialist, Iowa Pork Industry Center, Iowa State University

8:30 AM  Welcome
Dr. Daniel Robison, endowed dean's chair and director, Experiment Station, College of Agriculture and Life Sciences, Iowa State University, Ames, IA
Benton Auditorium, Scheman Building

8:45 AM  See around corners: Foresight and resilience in the decade ahead
Bob Treadway, futurist, Treadway & Associates, Inc., San Diego, CA
Futurist Bob Treadway shares techniques, methods of thinking, and best practices to see ahead and build strategy for your organizations. He'll show how to look at a longer-term vision, think effectively about what's coming, and make sense of the uncertainty and volatility that lies ahead. Bob will use insights and examples from decades of working with agriculture clients and recent work with the Iowa Pork Industry Center to forecast challenges and opportunities that are likely on the path to 2030.
Benton Auditorium, Scheman Building

9:30 AM  Lessons learned from covid-19 and how to build resilience for the pork production supply chain
Dr. Brad Freking, CEO and owner, New Fashion Pork, Jackson, MN; Chad Hastad, New Fashion Pork, Jackson, MN
COVID-19 had a remarkable impact on pork producers across the globe and presented some of the most challenging times our industry has faced. This presentation is focused on the lessons learned during 2020 and how they can be used to build a more resilient pork production supply chain for the future.
Benton Auditorium, Scheman Building

10:15 AM  Break
1st floor lobby, Scheman Building

10:45 AM  Proposition 12 and associated perceptions from activists and industry response to legislation
Dr. Hyatt Frobose, USA commercial director, JYGA Technologies, Inc., Garnett, KS
Join Dr. Frobose as he explains the background of legislative actions such as CA Prop 12 and others and how the industry is responding to those challenges. Dr. Frobose will use real-world examples to showcase how facilities can adapt to Prop 12 standards and the slat-level management changes that must occur in order for farms to successfully implement new animal welfare standards while maintaining farm level productivity.
Benton Auditorium, Scheman Building

11:30 AM  Discovery and innovation: Foundations of industry advancement
Dr. Jason Ross, professor, Animal Science and director, Iowa Pork Industry Center, Iowa State University, Ames, IA
The U.S. swine industry has made incredible progress in the past 50 years with respect to the quantity and efficiency of pork production. Many discoveries and innovations have made this improvement possible. This discussion will emphasize the fundamentals of discovery and innovation needed to enable the pork industry to continue achieving sustainable growth to meet the growing global demand for animal protein.
Benton Auditorium, Scheman Building

Lunch and student luncheon
12:15 PM  BBQ Lunch - provided by TechMix, AB Vista and Lynch Livestock
Serving lines and seating area are outdoors in the tent area south of the Scheman Building.

Tent area, south lawn

12:15 PM  Student luncheon
A students-only luncheon and presentation sponsored by the Iowa Pork Producers Association. Students should go through the serving line in the tent area then take their meal back to 004 Scheman. The luncheon presentation will start approximately 12:40 pm.

004 Scheman

Student luncheon presentation
Sinithka Waugh, president and chief executive officer, Your Clear Next Step

Customized for the swine-focused students, this luncheon will highlight critical communication tools and techniques as well as introduce three principles of effective communication that students can use in school on their project teams, interviewing, and beginning new workplace interactions. This session will be an interactive!

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Concurrent session A – Core components of sustainable pork production

Session chair: Colin Johnson, Iowa Pork Industry Center extension field specialist

1:45 PM  Managing through packer relations and price discoveries: Past, current and future
Mike Porth, chief operating officer, Partners for Production Agriculture, Ames, IA

In past 3-4 years we've seen new plants come on to the scene, ASF in China, COVID-19, and Force Majeure impacting volatile markets during this same timeline. What's to come as we move forward.

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2:30 PM  Sustainability in the pork industry
Dr. Brett Kaysen, vice president, sustainability, National Pork Board

3:15 PM  Personnel management, engagement
Dr. Robert Hagevoort, associate professor, Animal Sciences and Natural Resources, New Mexico State University, Clovis, NM

4:00 PM  Conference adjourns

Concurrent session B – Foreign animal disease preparation

Session chair: Matt Romoser, Iowa Pork Industry Center extension field specialist

1:45 PM  Feed biosecurity and how it relates to FAD
Dr. Scott Dee, veterinarian and director of applied research, Pipestone Veterinary Services, Pipestone, MN

This talk will discuss the science of feed and feed ingredients as vehicles for the domestic and transboundary movement of viral pathogens, data on mitigation strategies to reduce this risk as well as the US and Global response to this new area of science.

Benton Auditorium

2:30 PM  Experience with euthanasia, carcass disposal and grinding
Dr. Mark FitzSimmons, veterinarian

Benton Auditorium
3:15 PM  Boots on the ground experience of ASF and what to expect here in the U.S.  
Dr. Keith Erlandson, senior technical services veterinarian, Zoetis, Alta, IA

The presentation will cover experiences with the ASF outbreak in China, including the clinical presentation of the disease, epidemiology and biosecurity. We will also explore what may happen in North America were ASF to be introduced on the continent.  

Benton Auditorium

4:00 PM  Conference adjourns

**Concurrent session C – Practical barn level operation**

Session chair: Carson De Mille and Kayla Miller, graduate students, Iowa State University

1:45 PM  Our multi-cultural team: What works, what we struggle with, and why it’s all worth it  
Dianne Bettin, human resources manager and controller, LB Pork, Inc., Truman, MN

A quality and reliable labor force is one of the biggest road blocks faced by our industry today. This session will discuss the different visa’s utilized at LB Pork and how they work, the pros and cons to working with foreign labor, and what we need for legislation to insure we have access to a quality work force.  

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2:30 PM  The producer-rendering industry relationship  
Dr. David Meeker, senior vice president, scientific services, North American Renderers Association, Alexandria, VA

Dr. Meeker will describe the rendering industry in the U.S. Rendering greatly increases the sustainability of meat production by utilizing every part that is not human food. Rendering provides safe and economical proteins and fats for animal feed and pet food as well as biofuel feedstocks and other uses. In addition, producers in Iowa have good access to deadstock services which can and should be done in a biosecure manner to protect herd health.  

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3:15 PM  Drinking water in wean-to-finish: Is it part of the problem or part of the solution?  
Dr. John Patience, professor emeritus, Animal Science, Iowa State University, Ames, IA

Join John in a very practical look at the whole topic of drinking water for pigs. He will pinpoint where problems might be occurring in the barn and what can be done about them. He will also talk about water quality. How do you know if you have a quality problem and what water treatment options are available? He will talk about the challenges of delivering medication through the water and also discuss biofilm accumulation in water lines and what it means to you.  

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4:00 PM  Conference adjourns

**Concurrent session D – What’s new in research at Iowa State University?**

Session chair: Blythe Schultz and Jamie Studer, graduate students, Iowa State University

1:45 PM  From weaning to lactation: Improving sow reproduction and longevity through nutrition  
Dr. Laura Greiner, assistant professor, Animal Science, Iowa State University, Ames, IA

In this discussion, we will explore a deeper understanding of current vitamin and mineral status of our developing gilt along with nutritional approaches to improve joint health prior to breeding. In addition, we will discuss some new research in which we explore the mammary system and how this may play an important role in piglet survivability and potentially gilt development.  

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2:30 PM  Recent findings on PRRS virus monitoring, control, and prevention. How we move the needle?  
Dr. Gustavo Silva, assistant professor, Veterinary Diagnostic and Production Animal Medicine, Iowa State University, Ames, IA

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3:15 PM  Pondering pig poop, and possibilities
Dr. Daniel Andersen, associate professor, Agricultural and Biosystems Engineering, Iowa State University, Ames, IA
Dr. Andersen will discuss basic manure management, dive into possibilities to up your nutrient utilization
approaches, discuss anaerobic digestion and what it could mean for your farm, and look at how manure impacts
soil health and sustainability.

4:00 PM  Conference adjourns