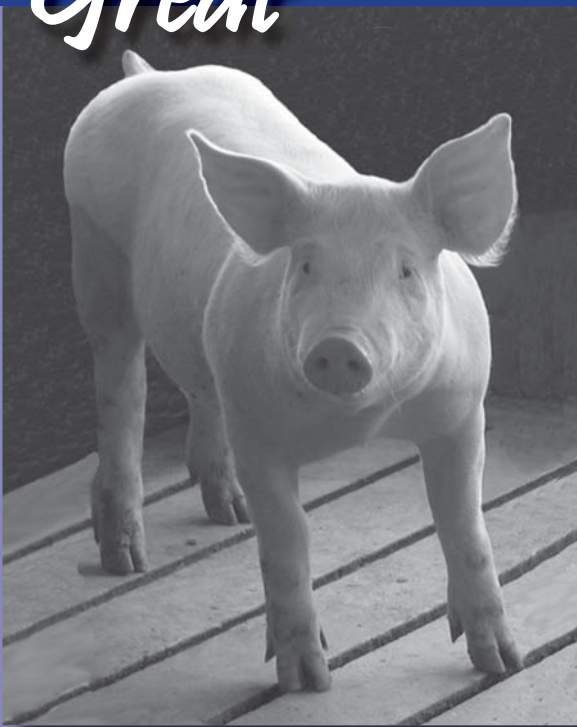


*Good to
Great*



AASV

*38th Annual Meeting
Program*

March 3-6, 2007
Doubletree Hotel
Orlando, Florida

*Welcome
to Orlando and the
38th AASV
annual meeting!*



It was just four short years ago when we ventured outside the traditional Midwest locations and

held our annual meeting in Orlando. Based on the huge success of that meeting (I have never seen as many spouses and family members at a meeting), we are back in Orlando again. Because Orlando offers so many great recreation options, plan on spending an extra day or two in Florida to enjoy the theme parks because you will not want to miss any of the great scientific sessions.

When choosing a theme for this year's program, I wanted a theme that challenged us to move our profession, our association, and our industry to greater levels. "AASV: From Good to Great" is based on the best selling book by Jim Collins, *Good to Great*. If you have not had the opportunity to read this book, I highly recommend that you take the time to read it before you attend the meeting. In his book, Collins and his research team extensively studied elite companies that made the leap from good to great versus comparable companies that could not make the change. We will use this theme to challenge our members to make the leap from good to great.

Collins stresses that to take a company from good to great you must "have the right people on the bus." Using this thought and following the advice of past program chairpersons, I made sure that every seat on the program committee bus was filled with the right people. This group is responsible for organizing an outstanding program with truly exceptional speakers. Please take time to thank each of these talented members for their contribution to the program.

Welcome to Orlando!

When selecting the Howard Dunne Lecturer, I wanted someone who understood the structure, needs, and challenges of the AASV, someone who was passionate in their desire to move our association from good to great. Dr. Tom Burkgren has quietly led our association for the past 9 1/2 years and his knowledge and commitment have been the foundation to the success of our association. I know everyone will be excited to hear his remarks. Following Dr. Burkgren, Dr. Beth Lautner will address Professionalism in Veterinary Medicine, followed by the inaugural Alex Hogg Lecture. Dr. Steve Henry's topic "Swine Medicine: What we must do to have a seat on this bus" will definitely be appropriate for the first Hogg Lecture. Dr. John Harding will round out the Monday morning session discussing the key disease challenging our profession today, PCVAD.

Monday afternoon breaks into four different concurrent sessions including Finishing Diseases, Epidemiology of Swine Pandemics, Opportunities or Threats to Our Economic Engine, and finally the old nemesis: PRRS. Monday afternoon's sessions will definitely offer a topic that will meet everyone's needs. Monday evening, AASV's awards reception will honor this year's AASV Practitioner of the Year, Meritorious Service and Howard Dunne Memorial awards. Make sure to stop at the reception to congratulate the winners of this year's prestigious awards.

Tuesday's sessions will focus entirely on PCVAD. The program committee felt that we needed to devote an entire session to this complicated and frustrating disease complex. Add eleven preconference seminars, the Student and Industrial Partner sessions and this year's program should have something for everyone.

It is truly an honor to serve as this year's Program Chairman. I continue to be humbled by the commitment and ability of all of the members and staff of this association. This meeting would not be possible without the help and guidance of the fantastic staff of AASV, Drs. Schulteis, Burkgren, and Snelson. A sincere thank you to everyone that organized, attended, and participated in this year's meeting. AASV is truly a *Great* association.

Dr. Daryl Olsen
Program Chair



Planning committee

Dr. Daryl Olsen, Chair

Dr. Mary Battrell

Dr. Angela Baysinger

Dr. C. Scanlon Daniels

Dr. Scott Dee

Dr. Jerome Geiger

Dr. Thomas Gillespie

Dr. Doug Groth

Dr. Patrick Halbur

Dr. John Harding

Dr. Steven Henry

Dr. H. Scott Hurd

Dr. Michelle Jens

Dr. Locke Karriker

Dr. Kerry Keffaber

Dr. Michael Kuhn

Dr. Ian Levis

Dr. Tim Loula

Dr. Dale Mechler

Dr. Luke Minion

Dr. Craig Rowles

Dr. Pete Sherlock

Dr. Harry Snelson

Dr. Dennis Villani

Dr. Ron White

Registration and fees

Registration

Registration desk located in Citrus Crown Ballroom lobby

Saturday, March 3	7:00 AM – 5:00 PM
Sunday, March 4	7:00 AM – 5:30 PM
Monday, March 5	7:00 AM – 5:30 PM
Tuesday, March 6	7:00 AM – 1:00 PM

Fees

Pre-register online at www.aasv.org/annmtg

AASV member pre-registration	\$280
AASV member on-site registration	\$315
Nonmember veterinarians	\$400

Meeting Hotel

Doubletree Hotel
at the Entrance to Universal Orlando
5780 Major Boulevard
Orlando, FL 32819
Tel: 407-351-1000
Fax: 407-363-0106

Continuing Education Credit

Up to sixteen (16) credit hours of veterinary continuing education are available from the regular meeting sessions (Sunday 12:00 noon through Tuesday 1:00 PM). Four (4) credit hours are available from each pre-conference seminar attended on Saturday afternoon and/or Sunday morning. The PQA Plus Advisor Training provides seven (7) hours of CE credit.

**PLEASE TURN OFF YOUR CELL PHONE
OR SWITCH TO SILENT MODE DURING
SCIENTIFIC SESSIONS**

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Dr. Marco Antonio Carvajal
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No. 218
Fracc. Country Club
Los Naranjos
Leon, GTO 37210
MÉXICO



AASV Technical Tables

Location: Universal Center

Monday, March 5 9:00 AM – 5:00 PM

Tuesday, March 6 8:00 AM – 1:00 PM

ABC Compounding/BioTek

Absolute Swine Insemination

Addison Biological Laboratory

Alpharma Animal Health

Agro Soft, North America

American Veterinary Pharmaceuticals

APC

ARKO Laboratories

Automated Production Systems

AVMA Professional Liability Insurance Trust

Babcock Genetics

Biomin

Boehringer Ingelheim

Chr. Hansen

Danbred North America

DeWaay Capital Management

DuPont Animal Health Solutions

Elanco Animal Health

Executive Veterinary Program

Feedstuffs

Fort Dodge Animal Health

Gallant Custom Laboratories

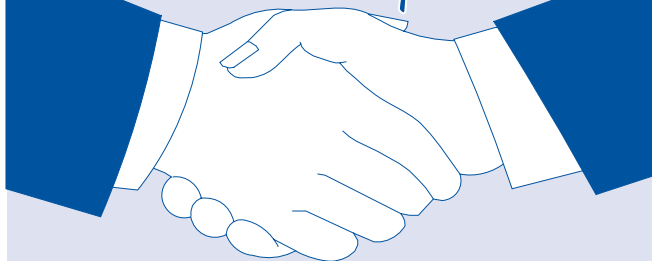
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Intervet
Kane Enterprises
Merial
Minitube of America
MVP Laboratories
National Institute for Animal Agriculture
National Pork Board
Neogen Corporation
Newport Laboratories
Newsham Genetics
Novartis Animal Health US
Novus International
Pfizer Animal Health
Phar Vision Ultrasound
Phibro Animal Health
PIC USA
PigWin & Swine Books
Preserve International
Pulse NeedleFree Systems
Ralco Nutrition
Schering-Plough Animal Health
Tech Mix
Tetracore
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USDA APHIS Veterinary Services
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Thank You, Sponsors!



Saturday Reception sponsored by:

SCHERING-PLOUGH ANIMAL HEALTH

Saturday, March 3 • 6:00 PM
Universal Center

AASV Prayer Breakfast sponsored by:

LAND O'LAKES

Sunday, March 4 • 7:00 – 8:00 AM
Universal Center F 1,2,3

AASV Student Seminar & Student Poster Session
sponsored by:

ALPHARMA ANIMAL HEALTH

Sunday, March 4

Poster Session: Universal Center
12:00 noon – 5:00 PM

Student Seminar: Orange
1:00 – 5:00 PM

Welcome Reception sponsored by

FORT DODGE ANIMAL HEALTH
and **WYETH ANIMAL HEALTH**

Sunday, March 4 • 6:00 – 8:00 PM
Universal Center

Student Reception sponsored by

INTERVET

Sunday, March 4 • 8:00 – 11:00 PM
Seminole A & B

AASV Luncheon sponsored by

BOEHRINGER INGELHEIM VETMEDICA

Monday, March 5 • 12:00 noon
Universal Center

AASV Awards Reception sponsored by:

ELANCO ANIMAL HEALTH

Monday, March 5 • 6:30 – 8:30 PM
Universal Center

AASV Foundation Veterinary
Student Scholarships funded by:

ALPHARMA ANIMAL HEALTH

and **ELANCO ANIMAL HEALTH**

Veterinary Student Travel Stipends funded by:

NEWPORT LABORATORIES

and the **AASV FOUNDATION**

AASV Internet Kiosk sponsored by:

NOVARTIS ANIMAL HEALTH

Saturday, March 3, 2007

PQA Plus Advisor Training

Date: Saturday, March 3, 2007

Time: 8:00 AM – 4:00 PM

Location: Broward

Fee: \$75.00; Box lunch provided

Limit: 30 participants

Coordinator: National Pork Board

PQA Plus will replace the current PQA Program beginning June of 2007.

PQA Plus will focus on food safety and animal care. All PQA Plus Advisors will need to attend a PQA Plus Advisor Training Program to learn what and how to teach pork producers about avoidance of violative animal health product residues and assessing and auditing animal care in the production operation. Also emphasized will be the distinction between PQA Plus education certification and PQA Plus site status and the PQA Advisor's roles and responsibilities associated with the care and well-being assessments and audits.

Registration for this training is limited to US members.

Saturday, March 3, 2007

PRRS Risk Assessment Training

Date: Saturday, March 3, 2007

Time: 8:00 AM – 12:00 noon

Location: Hillsborough

Fee: No charge

Limit: 15 participants

Coordinator: Derald Holtkamp

As with anything that we try to manage, we must first be able to measure it. The PRRS Risk Assessment Tool is an epidemiological tool developed specifically to measure the risk that a clinical episode of PRRS will occur. A companion database of completed assessments was developed for the purpose of benchmarking and analysis.

Some examples of when the Risk Assessment Tool and database of assessments are used include:

1. Deciding to initiate a PRRS elimination project for a specific site
 - A. How long can the site be expected to stay negative?
2. Benchmarking biosecurity and risk management of PRRS
 - A. On which areas of risk should attention be focused? Compared to other sites, what areas of risk are relatively high for this site or all sites in a production system?
3. Assessing risks associated with a site, or all sites in a production flow, as part of a due diligence process.

Successful completion of a training session is required to obtain a copy of the Risk Assessment Tool. Enrollment is limited to 15 veterinarians from the U.S., Canada, or Mexico. Participants should bring a laptop equipped with Windows 2000 or XP, Excel 2002 or more recent version, and a CD drive. Each participant will receive a CD copy of the Excel spreadsheet-based Risk Assessment Tool. A web-based version is in development and expected to be ready by mid-2007.

Seminar 1

PRRS Management Tools

Date: Saturday, March 3, 2007

Time: 1:00 – 5:00 PM

Location: Lake

Fee: \$90.00

Coordinator: Doug Groth

Seminar Description:

This seminar will look at new diagnostic tools that have been developed to monitor PRRS as well as current PRRS management strategies being put into place on the farm. Real scenarios will be presented showing the application of what we know about PRRS today. Example herds will range from individual farms to whole systems. Costs and benefits of herd closure associated with PRRS eradication will be presented.

- 1:00** New diagnostic tool for monitoring: Saliva
Jeff Zimmerman
- 1:30** Putting test/removal to work: Success/failure
Keith Erlandson
- 2:15** PRRS planned exposure in sow herds: What to expect
Paul Ruen
- 2:45** **BREAK**
- 3:15** Overview of multiple approaches to system-wide eradication of PRRS
Neil DeBuse
- 3:45** Costs and benefits of herd closure associated with PRRS eradication
Paul Dubois
- 4:30** Roundtable Q & A
All speakers
- 5:00** **Seminar concludes**

Seminar 2

Achieving 2# Average Daily Gain

Date: Saturday, March 3, 2007

Time: 1:00 – 5:00 PM

Location: Osceola

Fee: \$90.00

Coordinator: Dale Mechler

Seminar Description:

Presentations will explore key nutritional, genetic, disease and production elements that will enable or hinder producers' efforts to achieve 2 lb average daily gains (ADG).

- 1:00** Fueling the ADG pig engine
Steve Dritz
- 1:45** Choosing the right genetics
Allan Schinckel
- 2:30** **BREAK**
- 3:00** Major diseases that impact ADG and how to control them
Bill Hollis
- 3:45** Production management for high ADG
Jim Lowe
- 4:30** Roundtable Q & A
All speakers
- 5:00** **Seminar concludes**

Seminar 3

Case Studies

Date: Saturday, March 3, 2007

Time: 1:00 – 5:00 PM

Location: Seminole A

Fee: \$90.00

Coordinator: Ian Levis

Seminar Description:

This seminar will have four distinctly different cases aimed at providing something of interest to everyone. As in similar sessions during previous years, these case studies will provide good examples of critical thinking skills and how to apply those skills in practice. The final presentation will highlight how case studies should be applied in evidence-based medicine.

- 1:00** Unique findings in niche production
Kurt VanHulzen
- 1:45** Use of exposure and closure to stabilize health in a large multi-age finishing site
Jeremy Pittman
- 2:30** **BREAK**
- 3:00** K88 and F18 *E. coli* control/prevention programs in wean-to-finish barns
Cameron Schmitt
- 3:45** Swine tuberculosis: A case of *Mycobacterium avium* infection in growing pigs
C. Scanlon Daniels
- 4:30** The contribution and utility of case studies in evidence-based medicine
Locke Karriker
- 5:00** **Seminar concludes**

Seminar 4

Achieving High Total Born and Maximizing Pigs Weaned (Making Good Farms Great)

Date: Saturday, March 3, 2007

Time: 1:00 – 5:00 PM

Location: Seminole B

Fee: \$90.00

Coordinator: Tim Loula

Seminar Description:

Today's genetics and production systems have the potential to achieve 30 pigs/sow/year but most farms are failing to reach this level of production. This session will help define what it takes to turn good farrowing house performance into great farrowing house performance.

- 1:00** Achieving 14+ total born: Today's new goal
Tim Loula
- 1:40** Feeding and conditioning the sow for maximum total born, large birth weights, and large weaning weights
Steve Dritz
- 2:20** Day 1 critical care: How to get pigs out alive and started right
Sarah Probst Miller
- 3:00** **BREAK**
- 3:15** Keeping pigs alive: Diagnosis, treatment and prevention of common piglet diseases
Hans Rotto
- 3:55** How new technology and products help achieve high total born and more pigs weaned
Dennis Villani
- 4:35** Roundtable Q & A
All speakers
- 5:00** **Seminar concludes**

Seminar 5

Biosecurity Issues

Date: Saturday, March 3, 2007

Time: 1:00 – 5:00 PM

Location: Space Coast

Fee: \$90.00

Coordinators: Jer Geiger and Angela Baysinger

Seminar Description:

Establishing a healthy herd or eradicating a disease from a herd is good: *Keeping* it healthy is GREAT. This seminar builds on the Good to Great theme by examining the science and application of new technologies, reviewing the basics, and achieving that goal.

1:00

Air filtration: Is it a feasible and economic option to reduce area spread?

Laura Batista

1:55

Transportation: Thermo-assisted drying and decontamination (TADD), science and practicality

Bob Thompson

2:50

BREAK

3:10

Rules for keeping herds/systems healthy

Doug Groth

4:05

Compliance: Fulfilling the expectation

Doug MacDougald

5:00

Seminar concludes



Welcome Reception

Reception

Sponsored by:

**SCHERING-PLOUGH ANIMAL HEALTH
& AASV**

Saturday, March 3rd – 6:00 PM

Location: Universal Center

AASV Prayer Breakfast

Sunday, March 4

Time: 7:00 – 8:00 AM

Location: Universal Center F 1,2,3



Coordinator:
Dave Smidt

Sponsored by
LAND O'LAKES

It's Sunday, and even though you're away from your home congregation, the AASV prayer breakfast will get your week off to a great start by nourishing your soul as well as your body. Bring your family and gather with other AASV meeting attendees for a devotion led by Dr. David Nolan. Breakfast is graciously provided by Land O'Lakes. The devotion will conclude by 8:00 am to allow you to attend the pre-conference seminars, but feel free to stay and visit if you wish. All AASV meeting attendees and their family members are welcome!

INTERNET KIOSK



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Seminar 6

Foreign Animal Disease: Planning, Review and Surveillance

Date: Sunday, March 4, 2007

Time: 8:00 AM – 12:00 noon

Location: Broward & Dade

Fee: No charge

Coordinator: Mike Senn

Seminar Description:

This seminar will provide: 1) insight into preparations for a foreign animal disease outbreak at the federal, state, and local level, including the veterinarian's role in preparedness, 2) a thorough review of the foreign animal diseases specific to swine, 3) an update on the USDA Classical Swine Fever Surveillance Program, and 4) an update on the status of the National Bio- and Agro-Defense Facility.

8:00 Federal, state, and local foreign animal disease prevention, mitigation, response and recovery
Barry Pittman

8:50 The veterinarian's role in community planning
Sandy Amass

9:40 **BREAK**

9:55 Foreign animal diseases of swine
Samia Metwally

11:10 USDA classical swine fever surveillance program update
Eric Bush

11:40 National Bio- and Agro-Defense Facility update
Tam Garland

12:00 **Seminar concludes**

Co-sponsored by the USDA

Seminar 7

"Backseat" Respiratory Diseases

Date: Sunday, March 4, 2007

Time: 8:00 AM – 12:00 noon

Location: Osceola

Fee: \$90.00

Coordinator: Michelle Jens

Seminar Description:

This session is titled "Backseat' Respiratory Diseases," in congruence with the theme of the meeting, "Good to Great." In the book *Good to Great* by Jim Collins, the author talks about getting the right people on the bus. The goal of this seminar is to get the right tools and information on the bus to help practitioners make informed decisions when dealing with respiratory diseases that often take a backseat to PRRSV and PCV2. The focus of attention will be on *Mycoplasma hyopneumoniae* and swine influenza virus (SIV). The speakers have diverse backgrounds and will be able to provide clinically relevant research information as well as "real-world" experiences. You will leave this session with the tools and information necessary to combat these "backseat" respiratory diseases!

- 8:00** When "backseat" diseases drive the bus
Jim Lowe
- 8:30** Mycoplasma diagnostics: Do we have the tools we need?
Eileen Thacker and Erin Strait
- 9:15** Controlling mycoplasma: Good to great strategies
Maria Pieters
- 9:45** **BREAK**
- 10:15** SIV: An update on circulating strains, advances in diagnostic tests, and interpretation of test results
Marie Gramer
- 11:00** Using serology data to make health management decisions
Jason Kelly
- 11:30** Clinical application of vaccine strategies in gilt developer units and sow farms
Ross Kiehne
- 12:00** **Seminar concludes**

Seminar 8

A Practical and Effective Approach to Swine Diagnostics

Date: Sunday, March 4, 2007

Time: 8:00 AM – 12:00 noon

Location: Lake

Fee: \$90.00

Coordinators: Michael Kuhn and John Harding

Seminar Description:

The samples and tests you choose determine your probability of being either good or great!

This seminar offers a look at basic and disease-specific diagnostic techniques related to some of the most important and economically significant diseases in the swine industry today. This is an essential workshop for swine veterinarians needing a refresher in basic diagnostics and those wanting to learn about the latest and greatest in diagnostic techniques for some specific diseases.

If you've ever been confused by diagnostic results or needed help with interpretation; if you want to hear about cutting edge technologies or just need some updating; come hear from our panel of experts on practical and effective diagnostic techniques.

- 8:00** Antigen and antibody tests
Greg Stevenson
- 8:30** Demystifying the polymerase chain reaction and other molecular diagnostic techniques
Vikram Misra
- 9:00** Gene sequencing and dendograms
Marie Gramer
- 9:30** **BREAK**
- 10:00** PRRS diagnostics
Monte McCaw
- 10:30** *Haemophilus parasuis* diagnostics
Simone Oliveira
- 11:00** Swine influenza virus diagnostics
John Johnson
- 11:30** *Mycoplasma hyopneumoniae* diagnostics
Estela Cornaglia
- 12:00** **Seminar concludes**

Seminar 9

Reproduction: Optimizing Genetics, Health, and Production

Date: Sunday, March 4, 2007

Time: 8:00 AM – 12:00 noon

Location: Seminole A

Fee: \$90.00

Coordinator: C. Scanlon Daniels

Seminar Description:

In Jim Collins' bestselling book *Good to Great*, he describes the Stockdale Paradox. Many of us have been guilty of viewing animal introductions as a compromise to health and production. In this pre-conference seminar, attendees will gain insights on how to optimize the positive effect of animal introductions. You will learn that you can have genetic improvement AND not compromise health AND improve production.

- 8:00** Maintaining health or introducing genetics: Paradox or problem solved?
Luke Minion
- 8:30** Impact of health improvement processes on genetic multiplication
Gregg Eckardt
- 9:15** **BREAK**
- 9:45** Methods for disease-free introduction of swine germplasm resources
Curtis R. Youngs
- 10:30** Influencing length of productive life of the sow herd
Ken Stalder
- 11:15** Feeding boars for optimum sperm production
Mike Tokach
- 12:00** **Seminar concludes**

Seminar 10

Swine Production and Medicine for Veterinary Students

Date: Sunday, March 4, 2007

Time: 8:00 AM – 12:00 noon

Location: Seminole B

Fee: \$90.00; No charge for veterinary students and '05 or '06 DVM graduates.

Coordinators: Larry Firkins and Brian Payne

Seminar Description:

This session will be interactive throughout the program so come ready to participate and contribute. Learn what actions you can take today to allow you to be better prepared for your first years in practice. Swine veterinarians will be presenting practical information and providing useful resources to veterinary students in the areas of both swine production and swine medicine. The objective of this session is to allow all students to become familiar with many basic aspects of swine practice by introducing the day-to-day decision making that will be required of them upon graduation.

- 8:00** Working as a team
Larry Firkins
- 8:30** Problem solving: Putting your common sense to work
Erin Johnson
- 9:00** You're the boss: What next?
Sarah Probst Miller
- 9:45** **BREAK**
- 10:00** Respiratory diseases in swine: Learning as you go
Brian Payne
- 10:30** Swine barn surgical procedures
Amy Woods
- 11:00** Wean-to-finish diarrhea: "It's the _____"
Keith Erlandson
- 11:30** Roundtable Q & A
All speakers
- 12:00** **Seminar concludes**

Seminar 11

Nutrition That Makes a Difference

Date: Sunday, March 4, 2007

Time: 8:00 – 11:30 AM

Location: Florida Keys

Fees: \$90.00

Coordinator: Reed Leiting

Seminar Description:

Excellence in a wide variety of core competencies in swine production is necessary to take the swine veterinarian from good to great. This program is full of new concepts and nutritional issues that are discussed every day in swine systems. Expect to take home information that you can bring to producers and see put to use today!

8:00 Good to great productivity: a role for milk decks
Kevin Cera

9:00 Water: Production, performance, and behavior considerations
Lee Whittington

9:45 **BREAK**

10:15 Taking phosphorus nutrition from good to great: Increasing options in phytase products for use in swine
Mark Whitney

11:00 Distillers grains for swine: Present and future
Mark Giesemann

11:30 **Seminar concludes**

Sunday, March 4, 2007

Student Poster Session

Date: Sunday, March 4, 2007

Time: 12:00 noon – 5:00 PM

Location: Universal Center

Coordinator: Glen Cassar

Sponsored by ALPHARMA ANIMAL HEALTH

Poster authors will be present with their posters from 12:00 noon until 1:00 PM. Posters will remain on display throughout the afternoon.

- 1 Characterizing temperature abuse in diagnostic submissions
Jennifer Christensen, Iowa State University
- 2 Effect of neonatal piglet management on piglet performance, thermoregulation and passive antibody transfer
Clayton Johnson, University of Illinois
- 3 Discoloration of bones in market hogs
Andrea Lazier, University of Guelph
- 4 Occurrence of PCVAD and associated risk factors in a production system
Mary Luebbers, University of Minnesota
- 5 A kinematic analysis of walking posture and gait in neonatal pigs after castration
Valerie Millette, University of Saskatchewan
- 6 An observational research study of porcine respiratory disease complex (PRDC) in finishing phase pigs and the impact of parenteral anti-infectives
Megan Nemechek, North Carolina State University
- 7 Observations of aggression during lairage in cull slaughter boars from country assembled for export
Leanne Paetkau, University of Saskatchewan

Student Poster Session

- 8 Case Study: Chronic ear necrosis syndrome
Christine Pelland, University of Guelph
- 9 Herd dynamics of *Lawsonia intracellularis*.
Cross-sectional and series studies using IPMA,
PCR and VNTR
Beth Thompson, University of Minnesota
- 10 Quantification of antimicrobial resistance: *tet(C)*
as a model
James White, Ohio State University

Sunday, March 4, 2007

Industrial Partners Poster Session

Date: Sunday, March 4, 2007

Time: 12:00 noon – 5:00 PM

Location: Universal Center

Coordinator: Harry Snelson

Poster authors will be present with their posters from 12:00 noon until 1:00 PM. Posters will remain on display throughout the afternoon.

- 1 Comparison of *in vitro* MIC values for various swine respiratory pathogens to chlortetracycline (CTC) and oxytetracycline (OTC) for 2003-2006
Presenter: Teddi Wolff
Sponsor: Alpharma Animal Health
- 2 Pursuing American Board of Veterinary Practitioners (ABVP) certification in Swine Health Management
Presenter: James Kober
Sponsor: American Board of Veterinary Practitioners
- 3 Inactivation of swine vesicular disease virus in porcine plasma by spray-drying
Presenter: Joy Campbell
Sponsor: APC
- 4 Performance enhancement of weaned piglets with a combination of acidifier and phytobiotics
Presenter: Christian Lückstädt
Sponsor: Biomin
- 5 Increasing carcass uniformity by use of Enterisol® Ileitis immunization
Presenter: Harm Voets
Sponsor: Boehringer Ingelheim Vetmedica
- 6 Use of a web-based Veterinary Feed Directive (electronic VFD) system for Pulmotil® in swine
Presenter: Ginger Pelger
Sponsor: Elanco Animal Health
- 7 Evaluating the “healing effect” of a new product containing arginine aminobenzoate for shoulder sores in sows
Presenter: Roy Schultz
Sponsor: Epicare
- 8 Influence of anti-PCV2 passively acquired antibodies on efficacy of Suvaxyn® PCV2 vaccination in pigs experimentally infected with PCV2
Presenter: Tanja Opriessnig
Sponsor: Fort Dodge Animal Health

Industrial Partners Poster Session

- 9 Implementation of an automated collection system for boar studs
Presenter: Darwin Reicks
Sponsor: Genes Diffusion
- 10 Utilization of an amino acid and peptide product to improve the performance of cull sows
Presenter: Mike Johnston
Sponsor: Hanor Company of Wisconsin
- 11 Utilization of Matrix™ for synchronizing estrus in start-up swine herds
Presenter: Brad Thacker
Sponsor: Intervet
- 12 Vaccination of sows and gilts against PCV2 diseases with CIRCOVAC® (Merial): Field experience in Europe
Presenter: Francois Joisel
Sponsor: Merial
- 13 Comparison of Automate™ and gloved-hand methods of boar semen collection
Presenter: Steve Terlouw
Sponsor: Minitube
- 14 Semen quality in boars injected with Draxxin® Injectable Solution (tulathromycin)
Presenter: Carissa Schloesser
Sponsor: Pfizer Animal Health
- 15 Application of new genetic technologies to improve reproductive performance
Presenter: Montserrat Torremorell
Sponsor: PIC North America
- 16 Non-nutrient additives alter aspects of the innate and adaptive immune responses in nursery pigs
Presenter: Keith Haydon
Sponsor: Prince Agri Products
- 17 Utilization of a bovine colostrum extract product to improve the survivability and pre-weaning weight gain in low birth weight piglets
Presenter: Joseph Hahn
Sponsor: Ralco Nutrition
- 18 Evaluation of efficacy of *Haemophilus parasuis* serotype 12 bacterin (Parapac®) in providing a protection against serotype 5
Presenter: Jason Erskine
Sponsor: Schering-Plough Animal Health

Sunday Concurrent Session #1

Student Seminar

Date: Sunday, March 4, 2007

Time: 1:00 – 5:00 PM

Location: Orange

Session co-chairs: Sandy Amass and
Tom Fangman

Sponsored by ALPHARMA ANIMAL HEALTH

1:00 Comparison of porcine circovirus type 2 serology tests

Margaret Aleff, Iowa State University

1:15 Characterization of the prevalence and impact of coccidia in suckling piglets

Emma Webster, University of Guelph

1:30 Comparison of preweaning mortality and weight gain of low viability pigs raised in elevated pig decks or nursing sows

Carissa Schloesser, University of Minnesota

1:45 Identification of water system biofilm bacteria and the negative effects on reproductive traits

Amanda Ness, University of Illinois

2:00 Grow-finish population dynamics: Assessing an individual's risk of contributing to attrition

Todd Wolff, Michigan State University

2:15 Improving the quality of mortality data through necropsy

Aaron Lower, University of Illinois

2:30 Comparison of different sampling sites and materials for detection of porcine reproductive and respiratory syndrome infection (PRRSV)

Geneviève Remmers, University of Montreal

2:45 An investigation into the impact of age, sex, breed, laboratory, test date, and farm on the specificity of a PRRS virus ELISA assay

Nicola Jackson, University of Prince Edward Island

Student Seminar

- 3:00** **BREAK**
- 3:15** Evaluation of alternative antemortem diagnostic samples for the detection of PRRSV
Abby Patterson, Iowa State University
- 3:30** A pilot study to reassess aerosol transmission of PRRSV using a tube model
Jenny Cho-MacSwain, University of Minnesota
- 3:45** Effect of herd closure for porcine reproductive and respiratory syndrome (PRRS) virus elimination on total pigs weaned
Nathan Schaefer, University of Minnesota
- 4:00** Serum inoculation in a sow herd for the control of PRRSV: A case report
Laura Bruner, University of Minnesota
- 4:15** Umbilical hernias and abscesses: A result of management issues, not genetics
Heather James, University of Saskatchewan
- 4:30** Efficacy of tulathromycin for the treatment of at risk nursery pigs
Matt Allerson, University of Minnesota
- 4:45** Pulmotil® 18 inclusion in sow lactation diets
Kristopher Eads, North Carolina State University
- 5:00** **Session concludes**



Student Reception

Student Reception

Sponsored by:

INTERVET

Sunday, March 4th

8:00 – 11:00 PM

Location: Seminole A & B

Sunday Concurrent Session #2

Research Topics

Date: Sunday, March 4, 2007

Time: 1:00 – 5:00 PM

Location: Seminole A

Session chair: Patrick Halbur

- 1:00** *Salmonella* prevalence in “first pull” versus “close out” market pigs
Marcos Rostagno
- 1:15** A longitudinal study of the *Salmonella* status and antimicrobial resistance on Ontario swine farms within the time period 2001-2006
Abdolvahab Farzan
- 1:30** The economic cost of major health challenges in large US swine production systems
Derald Holtkamp
- 1:45** Evaluation of virological and clinical parameters after PRRSV vertical transmission
J.P. Cano
- 2:00** Susceptibility of young pigs to porcine reproductive and respiratory syndrome virus (PRRSV) infection by aerosol route of exposure
Joseph Hermann
- 2:15** An alternate method for PRRSV surveillance: Experimental data
John Prickett
- 2:30** Identifying the sources of variation in estrus and ovulation in weaned sows for optimal AI timing and application of fixed time AI
Robert Knox
- 2:45** Prospective and retrospective studies on *Clostridium perfringens* type A enteritis in neonatal swine
Michael Yaeger
- 3:00** **BREAK**

Research Topics

- 3:15 Failure of protection against a US H1N2 swine influenza virus in pigs vaccinated with an inactivated classical swine H1N1 vaccine
Amy Vincent
- 3:30 Use of an NS-1 mutant attenuated influenza virus as a modified live against swine influenza viruses
Amy Vincent
- 3:45 Efficacy of a *Mycoplasma hyopneumoniae* bacterin in pigs challenged with new field isolates
Erin Strait
- 4:00 Establishment of markedly improved tools for the diagnosis and further characterization of *Erysipelothrix* species isolates
Tanja Opriessnig
- 4:15 Comparison of ELISA assays and PCR for the detection of anti-PCV2 antibodies and PCV2-antigen or DNA in porcine serum, oral fluids, and fecal samples
Tanja Opriessnig
- 4:30 Application of oral fluid sampling to population diagnostics for porcine circovirus type 2
Wonil Kim
- 4:45 Effect of porcine circovirus type 2 on porcine cell populations
Shan Yu
- 5:00 **Session concludes**

Sunday Concurrent Session #3

Industrial Partners

Date: Sunday, March 4, 2007

Time: 1:00 – 5:30 PM

Location: Lake

Session Chair: Ron White

- 1:00** Evaluation of a new transdermal *Mycoplasma hyopneumoniae* bacterin to control mycoplasmal pneumonia in pigs experimentally infected with PRRSV and *Mycoplasma hyopneumoniae*
Speaker: Eileen Thacker
Sponsor: Merial
- 1:15** Evaluation of changes in mortality rates after six months use of CIRCOVAC® (Merial) porcine circovirus type 2 vaccine in Canada
Speaker: Norm Machell
Sponsor: Merial
- 1:30** Implications of the MAGIC investigation into cofactors and management practices affecting acute PCVAD in North America
Speaker: John Kolb
Sponsor: Boehringer Ingelheim Vetmedica
- 1:45** Preliminary results with Ingelvac® CircoFLEX™ to protect multiple ages of Quebec pigs against PCVAD
Speaker: Robert Desrosiers
Sponsor: Boehringer Ingelheim Vetmedica
- 2:00** Dietary spray-dried porcine plasma reduces mortality attributed to porcine circovirus associated disease syndrome
Speaker: Sylvain Messier
Sponsor: APC
- 2:15** Field efficacy of Suvaxyn® PCV2 One Dose in pigs
Speaker: Joe Connor
Sponsor: Fort Dodge Animal Health
- 2:30** Efficacy and safety studies of Fort Dodge Animal Health's Suvaxyn® PCV2 One Dose in pigs
Speaker: Stephen Wu
Sponsor: Fort Dodge Animal Health

Industrial Partners

- 2:45** Experience in procuring PCV2 negative pigs by Caesarian derived, colostrum deprived method
Speaker: Rexanne Struve
Sponsor: Struve Labs
- 3:00** Field performance of a conditionally licensed vaccine: U.S. experience
Speaker: Charles Francisco
Sponsor: Intervet
- 3:15** Field performance of a conditionally licensed vaccine: Canadian experience
Speaker: Francisco de Grau
Sponsor: Intervet Canada
- 3:30** Effect of BMD® in sow diets on clostridial numbers, sow weight loss, and neonatal piglet performance
Speaker: Billy Flowers
Sponsor: Alpharma Animal Health
- 3:45** Using the Integra™ micrometer to administer Aureo S-P 250® and Aureomycin® chlortetracycline granular in a commercial wean to finish facility
Speaker: Teddi Wolff
Sponsor: Alpharma Animal Health
- 4:00** Achieving 5,500 lb of carcass sold per sow per year
Speaker: John Sonderman
Sponsor: Danbred North America
- 4:15** Evaluation of inactivation of pathogens in swine transport trailers following wash, disinfect, and heat assisted drying using Bio-Dri system from Automated Production Systems
Speaker: Ron White
Sponsor: Automated Production Systems
- 4:30** Use of commercial pig embryo transfer for genetic rescue from PRRSV infected sows
Speaker: Steve Terlouw
Sponsor: Minitube of America

Continued next page

Industrial Partners

4:45

Capturing productivity gains with heterosis

Speaker: Allan Schinckel

Sponsor: National Swine Registry

5:00

Utilization of an amino acid and peptide product to improve the performance of lactating sows

Speaker: Mike Johnston

Sponsor: Hanor Company of Wisconsin

5:15

Evaluation of a siderophore receptor and porin vaccine composition derived from *Salmonella* Newport and *Escherichia coli* in swine

Speaker: Mary Jo Baarsch

Sponsor: Epitopix

5:30

Session concludes



Welcome Reception

Welcome Reception

Sponsored by:

**FORT DODGE ANIMAL HEALTH &
WYETH ANIMAL HEALTH**

Sunday, March 4th

6:00 – 8:00 PM

Location: Universal Center

Sunday Concurrent Session #4

Industrial Partners

Date: Sunday, March 4, 2007

Time: 1:00 – 5:30 PM

Location: Osceola

Coordinator: Kerry Keffaber

- 1:00** Why and how to diagnose *Actinobacillus pleuropneumoniae* sub-clinical infections
Speaker: André Broes
Sponsor: Biovet
- 1:15** Duration of effectiveness of tulathromycin (Draxxin® Injectable Solution) in an *Actinobacillus pleuropneumonia* (Serotype 5) challenge model
Speaker: Alan Scheidt
Sponsor: Pfizer Animal Health
- 1:30** An intensive App control program using Draxxin® injectable solution, Excede® for swine and Pulmotil® 90
Speaker: James Kober
Sponsor: Pfizer Animal Health
- 1:45** Antibody response of young pigs to autogenous *Haemophilus parasuis* vaccine
Speaker: Boh Chang Lin
Sponsor: MVP Laboratories
- 2:00** The C29: A new member of the Camborough family
Speaker: Mark Engle
Sponsor: PIC North America
- 2:15** How to wean eleven pigs per litter
Speaker: Noel Williams
Sponsor: PIC North America
- 2:30** Feeding for the pig and the environment
Speaker: Harold Tilstra
Sponsor: Land O'Lakes

Continued next page

Industrial Partners

- 2:45 New strategies to counteract the negative impact of mycotoxins on piglets
Speaker: Ursula Hofstetter
Sponsor: Biomin
- 3:00 Review of *Lawsonia intracellularis* seroprevalence screening in the United States, June 2003 to July 2006
Speaker: John Deen
Sponsor: Elanco Animal Health
- 3:15 Evaluation of Pulmotil, Tylan, and Paylean on pig growth performance and weight variation
Speaker: Crystal Groesbeck
Sponsor: Elanco Animal Health
- 3:30 Summary of *Lawsonia intracellularis* detection with IRTest rapid on-site pen diagnostics
Speaker: Tim Trayer
Sponsor: Newport Laboratories
- 3:45 Impact of dietary vitamin E and selenium source on body vitamin E and selenium status and performance of nursery pigs
Speaker: Hong Yang
Sponsor: ADM Animal Nutrition Research
- 4:00 *Clostridium perfringens* Type A toxoid field findings in a pig herd
Speaker: Mark Hammer
Sponsor: Novartis Animal Health US
- 4:15 *In vitro* testing of antimicrobial agents for *Lawsonia intracellularis*
Speaker: Suphot Wattanaphansak
Sponsor: Novartis Animal Health US
- 4:30 The interactive effects of Biosaf® yeast and in-feed antimicrobials on the growth and performance of weanling pigs
Speaker: Thomas Burkey
Sponsor: Prince Agri Products

Industrial Partners

- 4:45 Impact of oregano essential oils on sperm quality and output in boar stud
Speaker: Mark Wilson
Sponsor: Ralco Nutrition
- 5:00 The impact of the COLLECTIS® automated boar collection system on the productivity and economics in commercial boar studs
Speaker: Sergio Barrabes
Sponsor: Genes Diffusion
- 5:15 Effect of Mypravac Suis® on colonization, serologic status and enzootic pneumonia lung lesions in *Mycoplasma hyopneumoniae* (*M hyo*) vaccinated pigs and pigs from *M hyo* vaccinated SOWS
Speaker: Marina Sibila
Sponsor: Laboratorios Hipra
- 5:30 **Session concludes**

Spouse Hospitality Suite



Monday, March 5

Time: 8:00 – 10:00 am

Location: Palm Beach

All AASV spouses are invited to this informal gathering. Visit old friends and make new acquaintances as you enjoy a breakfast pastry and coffee or juice. This is a great place to gather and make plans to spend more time together seeing the sights of Orlando with other AASV families.

Create-Your-Own Spouse/Family Tour

There are so many incredible attractions in Orlando that we couldn't decide what to offer as a group tour for such a diverse gathering of spouses and family members. So instead of offering an organized tour this year, we're letting you make your own plans for the day. We're surrounded by theme parks, marine and nature attractions, golf courses, restaurants and shopping malls. A shuttle runs throughout the day to Universal Orlando, and the I-Ride Trolley (www.iritetrolley.com) provides convenient and affordable transportation from the Doubletree Hotel to a vast array of attractions located on International Drive. Check out the choices (a good place to start is <http://aasv.orlandomeetinginfo.com/>), pick your favorite, and enjoy!



Monday General Session

AASV: From Good to Great

Date: Monday, March 5, 2007

Time: 8:00 AM – 12:00 PM

Location: Orange & Seminole A & B

Session chair: Daryl Olsen

- 8:00** **HOWARD DUNNE MEMORIAL LECTURE**
AASV: Good to Great
Tom Burkgren
- 9:00** Professionalism in veterinary
medicine: Good to great
Beth Lautner
- 9:45** **BREAK**
- 10:15** **ALEX HOGG MEMORIAL LECTURE**
Swine medicine: What we must do to have a
seat on this bus
Steve Henry
- 11:00** Porcine circoviral diseases (PCVD): The brutal
facts
John Harding
- 12:00** **Session concludes for luncheon**



AASV Luncheon

AASV Luncheon

Sponsored by:

**BOEHRINGER - INGELHEIM
VETMEDICA, INC.**

Monday, March 5th

12:00 noon

Location: Universal Center

Monday Concurrent Session #1

Finishing Diseases

Date: Monday, March 5, 2007

Time: 1:30 – 5:15 PM

Location: Orange

Session chair: Craig Rowles

- 1:30** Diagnostic update
Kent Schwartz
- 2:00** Mycoplasma vaccine strategies
Joe Connor
- 2:30** Mycoplasma eradication strategies
Paul Yeske
- 3:00** **BREAK**
- 3:15** Update on *Actinobacillus suis* diagnosis, epidemiology, and control: On the path from good to great
Simone Oliveira
- 3:45** Lessons learned from China's *Streptococcus suis* outbreak: Risk for humans
Marcelo Gottschalk
- 4:15** *Actinobacillus pleuropneumoniae* serotypes, pathogenicity, and virulence
Marcelo Gottschalk
- 4:45** Treatment and management of "suis-cide" diseases
Jason Kelly
- 5:15** **Session concludes**

Monday Concurrent Session #2

Epidemiology of Swine Pandemics

Date: Monday, March 5, 2007

Time: 1:30 – 5:15 PM

Location: Osceola

Session chair: H. Scott Hurd

- 1:30* Recipe for a pandemic
John Kaneene
- 2:40* Case definition and its importance to epidemics
Scott Hurd
- 3:15* **BREAK**
- 3:30* Elements of a pandemic: Lessons learned
Robert Wills
- 3:45* “Wicked problems” in swine health risk
management: Solving the new risks that
we face after solving the old risks
Dale Polson
- 4:15* Outbreak response; avian influenza applications
Diane Gross
- 4:45* Control of epidemics: Vaccines and other
tools – The Danish experience
Jan Dahl
- 5:15* **Session concludes**

Monday Concurrent Session #3

Opportunities or Threats to Our Economic Engine

Date: Monday, March 5, 2007

Time: 1:30 – 5:00 PM

Location: Lake

Session chair: Luke Minion

- 1:30* US Swine Industry as part of the global economy
Steve Meyer
- 2:00* Japanese maximum residue limits (MRLs): Manufacturer's perspective
Mike Senn
- 2:20* Japanese maximum residue limits (MRLs): Packer's perspective
Collette Schultz Kaster
- 2:40* Japanese maximum residue limits (MRLs): Practitioner's perspective
Mark Brinkman
- 3:00* **BREAK**
- 3:30* National issues on the horizon
Kay Johnson
- 4:15* Euthanasia: Practical applications
C. Scanlon Daniels
- 5:00* **Session concludes**

Monday Concurrent Session #4

PRRS

Date: Monday, March 5, 2007

Time: 1:30 – 5:15 PM

Location: Seminole A & B

Session chair: Pete Sherlock

- 1:30* PRRS Eradication Task Force update
Paul Yeske
- 2:00* PRRS Risk Assessment
Dale Polson
- 2:30* PRRS Risk Assessment: On-farm use
Michelle Jens
- 3:00* **BREAK**
- 3:15* An update on aerosol transmission of PRRSV: Application to the field
Andrea Pitkin
- 3:40* PRRS transmission: Part II
Jeff Zimmerman
- 4:15* Vaccines: Present and future
Hank Harris
- 5:00* **Session concludes**



AASV Awards Reception

AASV Awards Reception

Sponsored by:

ELANCO ANIMAL HEALTH

Monday, March 5th

6:30 – 8:30 PM

Location: Universal Center



Tuesday Breakfasts - 7:00 am

AASV Breakfast and Business Meeting

Location: Universal Center

French Member Breakfast

Location: Space Coast

Spanish Member Breakfast

Location: Gold Coast

Tuesday General Session

PCVAD Essentials for Survival

Date: Tuesday, March 6, 2007

Time: 9:00 – 10:30 AM

Location: Orange & Seminole A & B

Session chair: John Harding

9:00 Pathogenesis of PCV2
Hans Nauwynck

9:45 Immunology of PCV2
Kenneth McCullough

10:30 **BREAK**

Tuesday Concurrent Session #1

How to Treat, Control, and Manage PCVAD

Date: Tuesday, March 6, 2007

Time: 11:00 AM – 1:00 PM

Location: Orange

Session chair: Mary Battrell

11:00 How to treat, control, and manage PCVAD
Jan Dahl

11:45 Field experiences with PCVAD
Locke Karriker

12:20 PCV2 Vaccinology
X.J. Meng

12:45 Roundtable Q & A
Locke Karriker and X.J. Meng

Tuesday Concurrent Session #2

PCVAD and Emerging Disease Diagnosis

Date: Tuesday, March 6, 2007

Time: 11:00 AM – 1:00 PM

Location: Osceola & Lake

Session chair: Steve Henry

- 11:00** Clinical considerations in PCVAD diagnosis
Steve Henry
- 11:30** Laboratory considerations in PCVAD diagnosis
Michael Yaeger
- 12:00** PCVAD diagnosis and emerging diseases:
Building a systematic approach
Kelly Lager
- 12:30** Roundtable Q & A
All speakers
- 1:00** **Session concludes**

Tuesday Concurrent Session #3

The International Perspective on PCVAD

Date: Tuesday, March 6, 2007

Time: 11:00 AM – 1:00 PM

Location: Seminole A

Session chair: Ron White

- 11:00** The Australia/New Zealand perspective on
PCVAD
Trish Holyoake
- 11:40** PCV2 strain variation: What does it mean?
Carl Gagnon
- 12:20** Do boar studs serve as a potential source
of PCVAD and PRRS spread? The Danish
experience
Jan Dahl
- 1:00** **Session concludes**

Speakers

Margaret Aleff	Ames, IA
Matt Allerson	St Paul, MN
Sandy Amass	West Lafayette, IN
Mary Jo Baarsch	Dassel, MN
Sergio Barrabes	Douai, FRANCE
Laura Batista	St-Hyacinthe, QC
Mark Brinkman	Williamsburg, IA
Andre Broés	Quebec, QC
Laura Bruner	Robbinsdale, MN
Thomas Burkey	Lincoln, NE
Thomas Burkgren	Perry, IA
Eric Bush	Fort Collins, CO
Joy Campbell	Ankeny, IA
Jean Paul Cano	St Paul, MN
Kevin Cera	Lewisburg, OH
Jenny Cho-MacSwain	St Paul, MN
Jennifer Christensen	Ames, IA
Joe Connor	Carthage, IL
Estela Cornaglia	St-Hyacinthe, QC
Jan Dahl	Kobenhavn V, DENMARK
C. Scanlon Daniels	Dalhart, TX
Neil DeBuse	Northfield, MN
Francisco de Grau	Whitby, ON
John Deen	St Paul, MN
Robert Desrosiers	St-Hyacinthe, QC
Steve Dritz	Manhattan, KS
Paul DuBois	Wichita, KS
Kristopher Eads	Raleigh, NC
Gregg Eckardt	Shawnee Mission, KS
Mark Engle	Hendersonville, TN
Keith Erlandson	Carthage, IL
Jason Erskine	Elkhorn, NE
Abdolvahab Farzan	Guelph, ON
Larry Firkins	Mahomet, IL
Billy Flowers	Raleigh, NC
Charlie Francisco	Mahomet, IL
Carl Gagnon	St-Hyacinthe, QC
Tam Garland	Washington, DC
Mark Giesemann	Sioux Falls, SD
Marcelo Gottschalk	St-Hyacinthe, QC
Marie Gramer	St Paul, MN
Crystal Groesbeck	Manhattan, KS

Speakers (continued)

Diane Gross	Atlanta, GA
Doug Groth	Carthage, IL
Joseph Hahn	Mankato, MN
Mark Hammer	Greensboro, NC
John Harding	Saskatoon, SK
Hank Harris	Ames, IA
Keith Haydon	Quincy, IL
Steve Henry	Solomon, KS
J.R. Hermann	Ames, IA
Ursula Hofstetter	Herzogenburg, AUSTRIA
Bill Hollis	Carthage, IL
Derald Holtkamp	Ames, IA
Patricia Holyoake	Camden, NSW, AUSTRALIA
H. Scott Hurd	Ames, IA
Nicola Jackson	Charlottetown, PE
Heather James	Saskatoon, SK
Michelle Jens	Audubon, IA
Clayton Johnson	Champaign, IL
Erin Johnson	Carlyle, IL
John Johnson	Ames, IA
Kay Johnson	Arlington, VA
Mike Johnston	Franklin, KY
Francois Joisel	Lyon, FRANCE
John Kaneene	East Lansing, MI
Locke Karriker	Ames, IA
Jason Kelly	Algona, IA
Ross Kiehne	St Peter, MN
Wonil Kim	Ames, IA
Robert Knox	Champaign-Urbana, IL
James Kober	Holland, MI
John Kolb	Ames, IA
Kelly Lager	Ames, IA
Beth Lautner	Johnston, IA
Andrea Lazier	Guelph, ON
Boh Chang Lin	Omaha, NE
Tim Loula	St Peter, MN
Jim Lowe	Carlyle, IL
Aaron Lower	Seymour, IL
Mary Luebbers	Minneapolis, MN
Christian Lückstädt	Germany
Douglas MacDougald	Stratford, ON
Norm Machell	Calgary, AB

Speakers (continued)

Monte McCaw	Raleigh, NC
Kenneth McCullough	Mittelhausern, SWITZERLAND
X.J. Meng	Blacksburg, VA
Sylvain Messier	St Nicolas, QC
Samia Metwally	Greenport, NY
Steve Meyer	Adel, IA
Valerie Millette	Saskatoon, SK
Luke Minion	Pipestone, MN
Vikram Misra	Saskatoon, SK
Hans Nauwynck	Merelbeke, BELGIUM
Megan Nemechek	Raleigh, NC
Amanda Ness	Urbana, IL
Simone Oliveira	St Paul, MN
Tanja Opriessnig	Ames, IA
Leanne Paetkau	Saskatoon, SK
Abby Patterson	Ames, IA
Brian Payne	Sycamore, IL
Ginger Pelger	Boone, IA
Christine Pelland	Guelph, ON
Maria Pieters	St Paul, MN
Andrea Pitkin	Britton, SD
Barry Pittman	Topeka, KS
Jeremy Pittman	Waverly, VA
Dale Polson	Ankeny, IA
John Prickett	Ames, IA
Sarah Probst Miller	Fisher, IL
Darwin Reicks	St Peters, MN
Geneviève Remmers	St-Hyacinthe, QC
Marcos Rostagno	West Lafayette, IN
Hans Rotto	Ames, IA
Paul Ruen	Fairmont, MN
Nathan Schaefer	St Paul, MN
Alan Scheidt	Louisburg, NC
Allan Schinckel	West Lafayette, IN
Carissa Schloesser	St. Paul, MN
Cameron Schmitt	Pipestone, MN
Collette Schultz Kaster	Milan, MO
Roy Schultz	Avoca, IA
Kent Schwartz	Ames, IA
Mike Senn	Newton, KS

Speakers (continued)

Marina Sibila	Cerdanyola el Valles, SPAIN
John Sonderman	Columbus, NE
Ken Stalder	Ames, IA
Greg Stevenson	West Lafayette, IN
Erin Strait	Webster City, IA
Rexanne Struve	Manning, IA
Steve Terlouw	Verona, WI
Brad Thacker	Huxley, IA
Eileen Thacker	Ames, IA
Beth Thompson	Sauk Rapids, MN
Bob Thompson	Franklin, KY
Harold Tilstra	Luverne, MN
Mike Tokach	Manhattan, KS
Montserrat Torremorell	Hendersonville, TN
Tim Trayer	Palmyra, PA
Kurt VanHulzen	Algona, IA
Dennis Villani	Greensburg, IN
Amy Vincent	Ames, IA
Harm Voets	Ingelheim, GERMANY
Suphot Wattanaphansak	St Paul, MN
Emma Webster	Guelph, ON
James White	Columbus, OH
Ron White	Ames, IA
Mark Whitney	Mankato, MN
Lee Whittington	Saskatoon, SK
Noel Williams	Hendersonville, TN
Robert Wills	Mississippi State, MS
Mark Wilson	Madison, WI
Teddi Wolff	Kansas City, MO
Todd Wolff	Lansing, MI
Amy Woods	Rensselaer, IN
Stephen Wu	Fort Dodge, IA
Hong Yang	Quincy, IL
Michael Yaeger	Ames, IA
Paul Yeske	St Peter, MN
Curtis Youngs	Ames, IA
Shan Yu	Ames, IA
Jeff Zimmerman	Ames, IA

SATURDAY, MARCH 3

7:00 AM

Registration Desk open

Location: Citrus Crown Ballroom Lobby

8:00 AM

ABVP Entrance Examination

Location: St. Johns

PQA Plus Advisor Training (see page 12)

Location: Broward

PRRS Risk Assessment Training (see page 13)

Location: Hillsborough

1:00 PM

SEMINARS

#1 PRRS Management Tools (see page 14)

Location: Lake

#2 Achieving 2# Average Daily Gain (see page 15)

Location: Osceola

#3 Case Studies (see page 16)

Location: Seminole A

#4 Achieving High Total Born and Maximizing Pigs Weaned (Making Good Farms Great) (see page 17)

Location: Seminole B

#5 Biosecurity Issues (see page 18)

Location: Space Coast

6:00 PM

RECEPTION

Sponsored by **SCHERING-PLOUGH ANIMAL HEALTH**
and **AASV**

Location: Universal Center

Schedule

SUNDAY, MARCH 4

6:30 AM

AASV Student Breakfast

Location: Universal Center E 1,2,3

7:00 AM

Registration Desk open

Location: Citrus Crown Ballroom Lobby

AASV Prayer Breakfast

Sponsored by **LAND O'LAKES**

Location: Universal Center F 1,2,3

8:00 AM

SEMINARS

- #6 Foreign Animal Disease: Planning, Review and Surveillance (see page 20)
Co-sponsored by **USDA**
Location: Broward & Dade

- #7 "Backseat" Respiratory Diseases (see page 21)
Location: Osceola

- #8 A Practical and Effective Approach to Swine Diagnostics (see page 22)
Location: Lake

- #9 Reproduction: Optimizing Genetics, Health, and Production (see page 23)
Location: Seminole A

- #10 Swine Production and Medicine for Veterinary Students (see page 24)
Location: Seminole B

- #11 Nutrition That Makes a Difference (see page 25)
Location: Florida Keys

SUNDAY, MARCH 4

12:00 PM

Student Poster Session (see page 26)

Sponsored by **ALPHARMA ANIMAL HEALTH**

Location: Universal Center

Industrial Partners Poster Session (see page 28)

Location: Universal Center

AASV FOUNDATION LUNCHEON

Location: St. Johns, Sarasota, Hillsborough

1:00 PM

CONCURRENT SESSIONS

#1 Student Seminar (see page 30)

Sponsored by **ALPHARMA ANIMAL HEALTH**

Location: Orange

#2 Research Topics (see page 32)

Location: Seminole A

#3 Industrial Partners (see page 34)

Location: Lake

#4 Industrial Partners (see page 37)

Location: Osceola

6:00 – 8:00 PM

WELCOME RECEPTION

Sponsored by **FORT DODGE ANIMAL HEALTH**
and **WYETH ANIMAL HEALTH**

Location: Universal Center

8:00 – 11:00 PM

STUDENT RECEPTION

Sponsored by **INTERVET**

Location: Seminole A & B

Schedule

MONDAY, MARCH 5

7:00 AM

Registration Desk open

Location: Citrus Crown Ballroom Lobby

8:00 – 10:00 AM

Spouse Hospitality Suite

Location: Palm Beach

8:00 AM

GENERAL SESSION (see page 41)

Location: Orange & Seminole A & B

Howard Dunne Memorial Lecture

“AASV: Good to Great”

Dr. Tom Burkgren

Alex Hogg Memorial Lecture

“Swine medicine: What we must do to have a seat on this bus”

Dr. Steve Henry

9:00 AM – 5:00 PM

COMMERCIAL TECHNICAL TABLES (see pages 8 & 9)

Location: Universal Center

12:00 PM

LUNCHEON

Sponsored by **BOEHRINGER INGELHEIM VETMEDICA, Inc.**

Location: Universal Center

1:00 PM

CONCURRENT SESSIONS

#1 Finishing Diseases (see page 42)

Location: Orange

#2 Epidemiology of Swine Pandemics (see page 43)

Location: Osceola

#3 Opportunities or Threats to Our Economic Engine (see page 44)

Location: Lake

#4 PRRS (see page 45)

Location: Seminole A & B

6:30 PM

AASV AWARDS RECEPTION

Sponsored by **ELANCO ANIMAL HEALTH**

Location: Universal Center

Schedule

TUESDAY, MARCH 6

7:00 AM

Registration Desk open

Location: Citrus Crown Ballroom Lobby

BREAKFAST and AASV ANNUAL BUSINESS MEETING

Location: Universal Center

FRENCH MEMBER BREAKFAST

Location: Space Coast

SPANISH MEMBER BREAKFAST

Location: Gold Coast

8:00 AM – 1:00 PM

COMMERCIAL TECHNICAL TABLES (see pages 8 & 9)

Location: Universal Center

9:00 AM

GENERAL SESSION (see page 46)

PCVAD: Essentials for Survival

Location: Orange & Seminole A & B

11:00 AM

CONCURRENT SESSIONS

#1 How to Treat, Control, and Manage PCVAD
(see page 46)

Location: Orange

#2 PCVAD and Emerging Disease Diagnosis
(see page 47)

Location: Osceola & Lake

#3 The International Perspective on PCVAD
(see page 47)

Location: Seminole A

1:00 PM

MEETING CONCLUDES



Commercial Technical Tables

OPEN

Monday, March 5

9:00 AM – 5:00 PM

Tuesday, March 6

8:00 AM – 1:00 PM

Location: Universal Center

*Thank
you*

Thank you to ALL of the members, companies and organizations who support the AASV in so many ways throughout the year!

The contributions of time, money and resources are vital to the AASV's efforts to maintain the highest quality programming at a reasonable cost for our members.