



# **AMERICAN ASSOCIATION OF SWINE VETERINARIANS**

## **SUMMER CONFERENCE**

### **ADVANCED TECHNIQUES FOR SWINE VETERINARIANS**

**“Optimizing Resources”**

**June 22–23, 2009**  
Iowa State University  
College of Veterinary Medicine

# WELCOME



## Advanced Techniques for Swine Veterinarians: Optimizing Resources

This AASV Summer Conference is designed especially for AASV members who wish to expand their knowledge and skills to become more proficient swine practitioners. With an emphasis on interactive demonstrations and case study applications, this program will show you how to make the most of the resources available to you as a swine veterinarian so you can help your clients stay in business during these challenging times.

### CONTINUING EDUCATION

The conference provides 14.5 clock hours of continuing education for veterinarians.

### REGISTRATION

Register online at [www.aasv.org/summerconf](http://www.aasv.org/summerconf), or mail/fax the registration form included in this brochure. Registration is limited to AASV members, and will be capped at 80 veterinarians and 40 veterinary students to assure a quality learning experience. Pre-registration is required.

### LAPTOP

Participants are encouraged to bring a laptop computer to gain the most benefit from the program sessions.

### LOCATION

The educational sessions will be held at the Iowa State University College of Veterinary Medicine in Ames, Iowa. The dinner and the Practice Tips session on Monday evening will be held at the Gateway Hotel and Conference Center.

### LODGING

Lodging rooms are available at the Gateway Hotel and Conference Center in Ames, Iowa. Depending on the room type, the AASV rate is \$89 to \$119. The cut-off date for making reservations is May 31.

### PROGRAM COMMITTEE

Drs. Mike Mull (chair), Jarod Hanson, Jeff Harker, Marlin Hoogland, Erin Johnson, Locke Karriker, and Jason Kelly



# SCHEDULE OF EVENTS

## Advanced Techniques for Swine Veterinarians: Optimizing Resources

### Monday, June 22

7:00 – 7:45 AM	Registration check-in <i>Iowa State University College of Veterinary Medicine</i>
7:45 – 8:00 AM	Welcome
8:00 – 12:00 PM	General Session 1: Troubleshooting Ventilation Systems (see page 4)
12:00 – 1:00 PM	LUNCH <i>ISU AASV Student Chapter</i>
1:00 – 3:00 PM	Module 1: Identifying and Managing the Pain Associated with Lameness (see page 5) Module 2: Needle-Free? A Pointed Look at the Current State of Injection Technologies (see page 6)
3:00 – 3:30 PM	BREAK
3:30 – 5:30 PM	Modules 1 and 2, repeated (see pages 5 & 6)
5:30 – 7:00 PM	FREE TIME
7:00 – 8:30 PM	Dinner & Practice Tips: Nightmares of a Swine Vet <i>Gateway Hotel and Conference Center</i>

### Tuesday, June 23

7:00 – 7:50 AM	Student Speed Interviews with practitioners
8:00 – 12:00 PM	General Session 2: Identifying Your Optimum Market Weight and Ideal Feeding Strategy for Profit Maximization (see page 7)
12:00 – 1:00 PM	LUNCH <i>ISU AASV Student Chapter</i>
1:00 – 4:30 PM	General Session 3: Case Studies Part A: Optimizing Diagnostic Tests Part B: Focus on Welfare and the Media
4:30 PM	Conference concludes



## TROUBLESHOOTING VENTILATION SYSTEMS

**Date:** Monday, June 22

**Time:** 8:00 am – 12:00 pm

**Chair:** Jason Kelly

**Speakers:** Mike Brumm and Steve Pohl

### Description:

These interactive presentations will utilize response “clickers” to poll attendees during the session regarding their current level of knowledge and experience. The depth of knowledge for a given presentation will be directed by the response to the polling. Additionally, the response “clickers” will be used to ascertain attendee recommendations for case study presentations on common ventilation problems. The presenters will then lead the attendees through the “correct” response in detail.

8:00 AM

### **Helping your clients manage their energy expense**

This session will review various data sets for a look at “normal” energy expenses in the upper Midwest. Through use of a basic ventilation model, participants will be guided through the consequences of various energy management options, ranging from altered ventilation rates, altered ventilation controller settings, altered insulation levels, and other management tools producers have used. Participants will learn to identify common energy-robbing mistakes in production facilities and strategies to minimize these mistakes.

10:00 AM

**BREAK**

10:20 AM

### **Inlets and filters**

While there is a growing interest in filtering incoming air in breed-wean production units, failure to understand the basics of inlets often leads to frustration with filtration attempts. This session will concentrate on air inlets and lead to a discussion of filtration issues that have been identified based on case studies of breed-wean facilities that have made an investment in filtration. Included in the discussion will be a look at the issues associated with “Koolcel” pads, which are inlets for ventilation air during summer heat challenges.



# MODULE 1

## IDENTIFYING AND MANAGING THE PAIN ASSOCIATED WITH LAMENESS

**Date:** Monday, June 22

**Time:** 1:00 – 3:00 PM; repeated 3:30 – 5:30 PM

**Chair:** Locke Karriker

**Speakers:** Anna Johnson, Locke Karriker, Ken Stalder

*One-half of the conference attendees will participate in this session from 1:00 – 3:00 PM. The session will be repeated at 3:30 PM for the second half of the attendees.*

### **Description:**

This module will demonstrate tools and techniques for the accurate and early detection of lame sows, enabling more humane and cost-effective management of sows in a population. Manifestations of foot lesions, lameness, and strategies for managing the lame sow will be demonstrated in a lab setting. The utility of visual scoring, forceplate technologies, and interventions will also be demonstrated.

**1:00/3:30 PM Rotating small group sessions – 30 minutes each**

- 1) Clinical examination and lameness detection technologies
- 2) Examples of foot lesions
- 3) Current research summary
- 4) Sow behavior

**3:00/5:30 PM** Module concludes



## NEEDLE-FREE? A “POINTED” LOOK AT THE CURRENT STATE OF INJECTION TECHNOLOGIES

**Date:** Monday, June 22

**Time:** 1:00 – 3:00 PM; repeated 3:30 – 5:30 PM

**Chair:** Jarod Hanson

*One-half of the conference attendees will participate in this session from 1:00 – 3:00 PM. The session will be repeated at 3:30 PM for the second half of the attendees.*

### Description:

Current literature on the advantages and disadvantages of needle-free technology compared to current needle-based technology for use in the administration of vaccines and antibiotics will be summarized. Hands-on demonstrations of both types of equipment on actual tissues will follow, allowing the attendees to walk away with a hands-on perspective of how the equipment works, potential costs, and how it might be implemented with their producers or in their operations.

1:00/3:30 PM Overview of current literature comparing needle-free and needle-based technologies

*Melissa Hensch*

1:45/4:15 PM Move to anatomy lab

1:55/4:25 PM Hands-on demonstration by company representatives of currently available needle-based and needle-free equipment (rotating small groups; 15 minutes per demonstration by each company)

*AcuShot, Allflex, Neogen, PrimaTech*

3:00/5:30 PM Module concludes



# GENERAL SESSION 2

## IDENTIFYING YOUR OPTIMUM MARKET WEIGHT AND IDEAL FEEDING STRATEGY FOR PROFIT MAXIMIZATION

**Date:** Tuesday, June 23

**Time:** 8:00 AM – 12:00 PM

**Chair:** Marlin Hoogland

### **Description:**

It is tough for swine producers to capture untapped profit in their operations. New strategies and tools are needed to help them secure more of the value they have invested in their operations. This session will provide you with innovative and clear management tools to increase marginal revenue. Learn how to optimize market weights and feed adjustments given the cost of feed and the different types of marketing strategies employed. You can't afford to miss this session!

8:00 AM      Profit Maximization  
*Dennis DiPietre*

9:15 AM      Late finisher nutrition and optimal market weight  
*Mike Tokach*

10:30 AM      BREAK

10:45 AM      Practical application of the market weight model  
*Craig Rowles*



## CASE STUDIES

**Date:** Tuesday, June 23

**Time:** 1:00 – 4:30 PM

**Chair:** Mike Mull

### PART A: OPTIMIZING DIAGNOSTIC TESTS

**Time:** 1:00 – 3:15 PM (Break at 2:15 PM)

**Speakers:** Darin Madson, Alex Ramirez, Greg Stevenson

#### **Description:**

This session will focus on making optimal use of diagnostic tests as diagnosticians from Iowa State University Veterinary Diagnostic Laboratory present several challenging cases involving clinical, diagnostic and production data. Participants in the audience will be able to interact with the presenter by using electronic classroom response “clickers” while working through the cases step-by-step. At the end of each case, the diagnosticians will summarize what they believe to be the optimal diagnostic work-up for that case.

### PART B: FOCUS ON WELFARE & THE MEDIA

**Time:** 3:15 – 4:30 PM

**Speakers:** Locke Karriker, Tom Burkgren

#### **Welfare Case Studies**

This portion of the program will involve actual field cases regarding animal welfare. Participants will have an opportunity to weigh in on how they would handle each case. You will learn how the practitioner actually handled the case as well as what the outcome was.

#### **Media Training**

Now, imagine a different type of case study. One in which an animal rights organization and the media are calling you because your client is accused of animal abuse. The challenge to you as the herd veterinarian is not only dealing with the activists and the media, but perhaps also the client’s packer, the pork industry and your colleagues. Participants will be briefed on techniques and strategies of handling the situation.



# PROGRAM

	Monday, June 22	
7:00 - 7:45 AM	REGISTRATION	
7:45 - 8:00 AM	WELCOME	
8:00 - 12:00 PM	<b>GENERAL SESSION 1</b> Ventilation	
12:00 AM - 1:00 PM	<b>LUNCH</b> ISU Student AASV	
1:00 - 3:00 PM	<b>MODULE 1</b> Sow Lameness	<b>MODULE 2</b> Injection Technologies
3:00 - 3:30 PM	<b>BREAK</b>	
3:30 - 5:30 PM	<b>MODULE 2</b> Injection Technologies	<b>MODULE 1</b> Sow Lameness
5:30 - 7:00 PM	Free time	
7:00 - 8:30 PM	<b>DINNER</b> Practice Tips “Nightmares of a Swine Vet”	

	Tuesday, June 23	
7:00 AM - 7:50 AM	Student - Practitioner “Speed Interviews”	
8:00 AM - 12:00 PM	<b>GENERAL SESSION 2</b> Profit Maximization	
12:00 - 1:00 PM	<b>LUNCH</b> ISU Student AASV	
1:00 - 4:30 PM	<b>GENERAL SESSION 3</b> <b>Part A:</b> Optimizing Diagnostic Tests <b>Part B:</b> Focus on Welfare & the Media	

# THANK YOU!



## THANK YOU, SPONSORS!

The AASV extends sincere appreciation to the following companies who provided generous financial support for the refreshment breaks, lunches, and dinner:

**AcuShot**

**Allflex**

**Boehringer Ingelheim Vetmedica, Inc.**

**Dow Microbial Control**

**MVP Laboratories**

**Neogen**

**Novartis Animal Health, US**

**PrimaTech**

**Sirrah Bios**

Representatives from the companies will be present during the reception and Practice Tips Dinner on Monday evening. Please take advantage of the opportunity to visit with the representatives and thank them for their support!

## CONFERENCE SPEAKERS

Mike Brumm

Tom Burkgren

Dennis DiPietre

Jeff Harker

Melissa Hensch

Anna Johnson

Locke Karriker

Darin Madson

Steve Pohl

Alex Ramirez

Craig Rowles

Ken Stalder

Greg Stevenson

Mike Tokach



# REGISTRATION

## Advanced Techniques for Swine Veterinarians: Optimizing Resources

Registration fee of \$225 for AASV members and \$50 for AASV student members includes all educational sessions, breaks, lunches, and Monday's Practice Tips Dinner. There will be no printed proceedings for this conference. Preregistration is required.

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ Province/State \_\_\_\_\_

Postal/Zip Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Check one:

\_\_\_\_ AASV Veterinarian Member \$225 (US)

\_\_\_\_ AASV Student Member \$50 (US)  
(does not include 2009 graduates)

### PAYMENT:

☐ Check/money order (US funds drawn on US bank)

☐ VISA    ☐ MasterCard    ☐ American Express

Account number \_\_\_\_\_

Expiration date \_\_\_\_\_

Cardholder name \_\_\_\_\_

Please detach and send this form with payment to:

**American Association of Swine Veterinarians**

902 1st Avenue, Perry, Iowa 50220 USA

Fax 515-465-3832

Or, register online at [www.aasv.org/summerconf](http://www.aasv.org/summerconf)

**American Association  
of Swine Veterinarians**  
902 1st Avenue  
Perry, IA 50220

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