



# **AMERICAN ASSOCIATION OF SWINE VETERINARIANS**

## **SUMMER CONFERENCE**



# **ADVANCED TECHNIQUES FOR SWINE VETERINARIANS**

**June 4-6, 2007**

Iowa State University  
College of Veterinary Medicine  
Ames, Iowa



## Advanced Techniques for Swine Veterinarians

This AASV summer conference is designed especially for AASV members who wish to expand their skills in areas of key importance to practitioners, including information management, project management, reproduction, and diagnostics.

### CONTINUING EDUCATION

The conference provides 14 clock hours of continuing education for veterinarians.

### REGISTRATION

Register online at [www.aasv.org](http://www.aasv.org), or mail/fax the registration form included in this brochure. Registration is limited to AASV members and will be capped at 120 participants.

### LAPTOP

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

### LOCATION

The educational sessions will be conducted at the Iowa State University College of Veterinary Medicine in Ames, Iowa. The evening reception on Monday and the Practice Tips dinner on Tuesday will be held at the Holiday Inn Ames Conference Center (formerly Comfort Suites).

### LODGING

Lodging rooms are available at the Holiday Inn Ames Conference Center (515-268-8808, formerly Comfort Suites) and University Park Inn & Suites (515-296-2500, formerly Baymont Inn & Suites) on Elwood Drive in Ames, Iowa. The AASV room block rate is \$79.00 per single/double. The cut-off date for making reservations is May 10.

### PROGRAM COMMITTEE

Mike Mull (chair), C. Scanlon Daniels, Jeff Harker, Erin Johnson, Randy Jones, Locke Karriker, and Jason Kelly.



# SCHEDULE OF EVENTS

## Advanced Techniques for Swine Veterinarians

### Monday, June 4

7:00 – 10:00 PM Registration check-in and Welcome Reception  
*Holiday Inn Ames Conference Center*

### Tuesday, June 5

7:00 – 8:00 AM Registration check-in  
*ISU College of Veterinary Medicine*

8:00 – 8:30 AM Welcome

8:30 – 11:30 AM General Session 1 (see page 4)  
*ISU CVM Room 2226*

11:30 – 1:00 PM LUNCH  
*ISU AASV Student Chapter*

1:00 – 5:00 PM Modules 1 & 2 (see pages 6-8)  
*ISU College of Veterinary Medicine*

5:00 – 7:00 PM FREE TIME

7:00 – 10:00 PM Practice Tips Dinner  
*Holiday Inn Ames Conference Center*

### Wednesday, June 6

8:00 AM – 12:00 PM Modules 1 & 2, repeated (see pages 6-8)  
*ISU College of Veterinary Medicine*

12:00 – 1:00 PM LUNCH  
*ISU AASV Student Chapter*

1:00 – 4:00 PM General Session 2 (see page 9)  
*ISU CVM Room 2226*



## Gathering Information and Building Evidence

**Location:** ISU CVM Room 2226

**Chair:** Locke Karriker

### **Description:**

This session will provide tools for gathering relevant information and building it into evidence for practice decisions. Speakers will combine advanced training with practice experience to focus on hardware and software tools that inform practitioners without complicated application. The audience will leave with a toolbox that includes tools capable of:

- Bringing the information to you – such as RSS or syndicated feeds that compile and send you the changes and headlines from relevant websites and podcasts, saving you time reviewing web sources for new information.
- Managing and organizing the information – such as desktop search engines.
- Sharing and demonstrating concepts – such as Camtasia, Breeze, and Producer. These software packages allow you to develop training and stand-alone, narrated presentations that can be viewed on computer, Internet, or iPod.
- Finding significance in diagnostic data – such as pivot tables, basic statistics, and histograms.
- Keeping you current on research and political changes.
- Assessing the strength and applicability of evidence for practice decisions.



# GENERAL SESSION 1

You will find that bringing your laptop computer allows you to follow along but this will not be necessary to gain value from the session.

- 8:30 AM Useful hardware for communication, organization, and information  
*Jason Kelly*
- 9:00 AM Useful software tools for organization and demonstration  
*Alex Ramirez*
- 9:30 AM BREAK
- 9:45 AM Swine information resources  
*Harry Snelson*
- 10:15 AM Data management and analysis with Microsoft Excel  
*Derald Holtkamp*
- 10:45 AM Turning information into evidence based practice  
*Locke Karriker*
- 11:15 AM Questions and discussion  
*All speakers*
- 11:30 AM Session concludes



## Putting Diagnostics to Work for You

**Location:** ISU College of Veterinary Medicine

**Chair:** Erin Johnson

### Description:

This session will focus on diagnostics from sample collection to results interpretation. Participants will have the opportunity to engage in small group discussions and hands-on learning as well as large group case study interpretation and discussion of results. The “Swine Diagnostics Expo” will provide a whirlwind tour through routine swine diagnostics. Participants will be able to view diagnostic tests and their results in a classroom/wet lab setting. Diagnostics supporting the case definition of PCVAD, including histopathology and immunohistochemistry, will be highlighted. Serological tests will be on display for self interpretation and discussion.

*One-half of the conference attendees will participate in this session on Tuesday afternoon, and the remaining half will participate in a repeat offering of the session on Wednesday morning.*

**Tuesday,  
June 5th**

**Wednesday,  
June 6th**

**1:00 PM**

**8:00 AM**

Introduction  
*Erin Johnson*

**1:10 PM**

**8:10 AM**

Group station activities  
(20 minutes each)

1. Tonsil collection: antemortem  
and postmortem  
*Jim Lowe*

2. Routine antemortem surveillance  
methods  
*Darwin Reicks*

3. Techniques for swine euthanasia  
*C. Scanlon Daniels*



# MODULE 1

Tuesday,  
June 5th

2:10 PM

2:55 PM

3:10 PM

4:00 PM

5:00 PM

Wednesday,  
June 6th

9:10 AM

9:55 AM

10:10 AM

11:00 AM

12:00 PM

Communication and compliance:  
Keys to optimizing the value of  
your diagnostic investigation  
*Kent Schwartz*

BREAK

Swine Diagnostics Expo  
*ISU Veterinary Diagnostic  
Laboratory*

Case studies on results  
interpretation  
*Darin Madson*

Session concludes

# MODULE 2



## Reproduction

**Location:** ISU College of Veterinary Medicine

**Chair:** Randy Jones

### Description:

The goal of this module is to introduce skills and techniques that will enable the attendee to be proficient in investigating and solving reproductive problems on the farm. The session will also present some new, cutting-edge techniques.

*One-half of the conference attendees will participate in this session on Tuesday afternoon, and the remaining half will participate in a repeat offering of the session on Wednesday morning.*

Tuesday, June 5th	Wednesday, June 6th	
1:00 PM	8:00 AM	Use of hormones to manipulate the estrus cycle of the sow <i>Roy Kirkwood</i>
1:45 PM	8:45 AM	Investigation of reproductive problems/Reproductive slaughter check <i>Billy Flowers</i>
2:45 PM	9:45 AM	BREAK
3:00 PM	10:00 AM	Advanced ultrasound techniques <i>Rob Knox</i>
4:00 PM	11:00 AM	Embryo transfer in swine <i>Brad Didion</i> <i>Minitube of America</i>
5:00 PM	12:00 PM	Session concludes





# GENERAL SESSION 2

## Project Management for Swine Veterinarians

**Location:** ISU CVM Room 2226

**Chair:** C. Scanlon Daniels

### Description:

Swine veterinarians are often called upon to assist clients in developing and managing health improvement projects. Proper planning and implementation plays a huge role in determining the success rate of these projects. Participants in this workshop will become exposed to the general concepts of project management. In addition, participants will work in teams to develop timelines and identify resources needed for common and not-so-common health improvement strategies.

- 1:00 PM** General concepts of project management and application to health improvement  
*Gary Hackbarth*  
*ISU College of Business*
- 2:00 PM** Break-out groups: Development of project management plans for:
1. Depopulation and repopulation
  2. PRRS elimination via herd closure
  3. Mycoplasma elimination via the Swiss method
  4. Ileitis elimination via the Danish method
- 3:00 PM** Presentation of project management plans
- 4:00 PM** Session concludes

# PROGRAM



	Monday, June 4th	Tuesday, June 5th		
7:00 - 8:00 AM		REGISTRATION		
8:00 - 8:30 AM		WELCOME		
8:30 - 11:30 AM		<b>GENERAL SESSION 1</b> Gathering Information CVM Rm #2226		
11:30 AM - 1:00 PM		<b>LUNCH</b> ISU AASV Student Chapter		
1:00 - 5:00 PM		<table border="1"> <tr> <td><b>MODULE 1</b> Diagnostics</td> <td><b>MODULE 2</b> Reproduction</td> </tr> </table>	<b>MODULE 1</b> Diagnostics	<b>MODULE 2</b> Reproduction
<b>MODULE 1</b> Diagnostics	<b>MODULE 2</b> Reproduction			
5:00 - 7:00 PM				
7:00 - 10:00 PM	Registration & Welcome Reception	<b>DINNER</b> Practice Tips		

	Wednesday, June 6th	
8:00 AM - Noon	<b>MODULE 1</b> Diagnostics	<b>MODULE 2</b> Reproduction
Noon - 1:00 PM	<b>LUNCH</b> ISU AASV Student Chapter	
1:00 - 4:00 PM	<b>GENERAL SESSION 2</b> Project Mgmt for Swine Veterinarians CVM Rm #2226	



# REGISTRATION

## Advanced Techniques for Swine Veterinarians

Registration fee of \$225 includes all educational sessions, lunches, and evening social events (Monday Welcome Reception and Tuesday Practice Tips dinner). There will be no printed proceedings.

Name \_\_\_\_\_

Street \_\_\_\_\_

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

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

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

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

Fee: \$225 (US)

### PAYMENT:

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

VISA     MasterCard

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](http://www.aasv.org).