



*119th Annual Meeting*  
United States Animal Health Association  
and  
*58th Annual Conference*  
American Association of  
Veterinary Laboratory Diagnosticians



October 22-28, 2015  
Rhode Island Convention Center  
Providence, Rhode Island

# Officers and Administrative Staff

## **2015 USAHA Officers**

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## **2015 AAVLD Officers**

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## **USAHA Administrative Staff**

Ben Richey  
Kelly Janicek  
Linda Ragland

Office Telephone Number .....816-671-1144  
Fax Number ..... 816-671-1201  
E-mail .....usaha@usaha.org  
Web Page Address..... www.usaha.org  
Office Address.....4221 Mitchell Ave.  
St. Joseph, MO 64507

## **AAVLD Administrative Staff**

Jim Kistler, CAE  
Reda Ozuna

Office Telephone Number .....559-781-8900  
Fax Number .....559-781-8989  
E-mail ..... secretary-treasurer@aavld.org  
Web Page Address.....www.aavld.org  
Office Address.....P.O. Box 6396  
Visalia, CA 93290

# Welcome to USAHA's 119th Annual Meeting and AAVLD's 58th Annual Conference

## Announcements

### **USAHA/AAVLD Host Facility**

Rhode Island Convention Center  
One Sabin Street  
Providence, RI 02903

### **Registration Fees**

#### ***On-Site Fee Schedule:***

Member Registration.....	\$300.00
Non-Members Registration.....	\$500.00
Life Member Registration.....	\$150.00
One Day Registration.....	\$150.00
Two Day Registration.....	\$200.00
Resident or Graduate Student Registration.....	\$125.00
Veterinary Student Registration.....	\$ 0.00
Spouse Registration Fee.....	\$ 85.00
USAHA 2016 Individual Dues.....	\$160.00
AAVLD 2015 Annual Dues.....	\$200.00
AAVLD 2016 Annual Dues.....	\$200.00
AAVLD 2016 Veterinary, Graduate Student or Resident Dues.....	\$ 25.00
AAVLD 2016 Associate Dues.....	\$ 35.00

### **Registration Schedule**

Wednesday, October 21, 2015(Pre-Registration only).....	3:00-6:00pm
Thursday, October 22, 2015.....	7:00am-6:00pm
Friday, October 23, 2015.....	7:00am-6:00pm
Saturday, October 24, 2015.....	7:00am-5:00pm
Sunday, October 25, 2015.....	7:00am-5:00pm
Monday, October 26, 2015.....	7:30am-5:00pm
Tuesday, October 27, 2015.....	7:30am-5:00pm
Wednesday, October 28, 2015.....	7:30-10:00am

**You must register and have a badge to attend meetings.**

# Announcements (cont.)

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## AAVLD Exhibits/Posters

Exhibits and Posters – Ballroom A.

Posters Setup: Friday, October 23 - 12:00pm - 6:00pm

Posters: Saturday, October 24 – 9:00am until Sunday, October 25 – 12:00pm

Exhibitor Setup: Friday, October 23 - 2:00pm-6:00pm

Exhibits: Saturday, October 24 - 9:00am -6:00pm

(refreshments 9:30-10:15am, 11:30am-1:00pm, 3:00-6:00pm)

Exhibits: Sunday, October 25 - 9:00am-1:00pm (refreshments 9:00-10:15am, 11:15am-1:00pm)

## Bulletin Board

The Bulletin Board will be located at Registration in the Rotunda.

Please check meeting app or the Bulletin Board often for last minute changes in the program, time and location of Committee meetings.

## USAHA Display Tables

In the Convention Center, East Prefunction (5th Floor), Sunday-Wednesday

## Work Room

Rotunda (Convention Center, 5th Floor).

Thursday through Wednesday, 8:00am-5:00pm

## Press Room and Committee Report Reading Room

There will be an area set aside in the Work Room to review Committee Reports.

## USDA-APHIS-VS Work Room

Ballroom C (Convention Center, 5th Floor) - Friday, Saturday, Monday and Tuesday;

Rotunda Room in Omni on Sunday.

# AAVLD Posters

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**Saturday, October 24 – 9:00am until**

**Sunday, October 25 – 12:00pm**

San Francisco Ballroom – **Authors present Saturday, 3:00–4:00pm**

1. Evaluation of a real-time PCR assay for detection of *Salmonella* spp. in veterinary matrices – Laura B. Goodman, Renee R. Anderson, Rebecca Franklin-Guild, Gillian A. Perkins, Patrick L. McDonough, Anil J. Thachil, Amy Glaser
2. Map-based serotyping of *Streptococcus suis* field isolates for vaccine formulation – Paul Lawrence
3. Identification of *Streptococcus parasuis* using MALDI TOF MS – Curt Thompson, Lacey Marshall Lund, Leona McDeid, Amy Chriswell, Timothy Frana
4. Evaluation of Bacterial Identification Systems for Species Identification of Bacterial Isolates from Milk # \* – Shubhada K. Chothe, Emily Savage, Valerie Linter, Traci Pierre, Tammy Matthews, Subhashinie Kariyawasam, Deepanker Tewari, Bhushan Jayarao
5. Identification of strain-specific sequences that distinguish field isolates from *Mycoplasma gallisepticum* vaccine strain ts-11 – Naola Ferguson-Noel
6. Optimal Swab Elution Media for Diagnostic Avian Mycoplasma Real-time PCR – Rachel Jude, Naola Ferguson-Noel
7. Validation of Single and Pooled Manure Drag Swabs for the detection of *Salmonella* ser. Enteritidis in Commercial Poultry Houses: A collaborative Study – Hailu Kinde, Helen Goodluck, Maurice Pitesky, Ashley Hill
8. Comparison of the VersaTREK Automated Microbial Detection System and ESP Culture System II for Detection of *Mycobacterium avium* ssp. Paratuberculosis – Nagaraja Thirumalapura, Eric Hue, Willard Fera, Deepanker Tewari
9. Adaptation of a published assay for serotyping of *Actinobacillus pleuropneumoniae* by multiplexed PCR for laboratory diagnostics – Avanti Sinha, Curt Thompson, Timothy Frana, Karen Harmon
10. An unusual yeast urinary tract infection in a cat – Amy K. Stevenson, Miranda C. O'Dell, Corine L. Gros, Lucienne T. Burrus, Mary Welle, Carol W. Maddox
11. Influence of Diet on Microbial Diversity of Intestinal Microbiota in Broiler Chicken and its Comparison with Microbiota of Wild Birds \* – Shubhada K. Chothe, Asha Thomas, Katelyn Molinaro, Megan Bailey, Subhashinie Kariyawasam, Tatiana Laremore, Justin Brown, Bhushan Jayarao
12. Isolation and Identification of *Actinobacillus* sp. from the Granulomatous Tongue Lesion of a Four Year Old Cow – Rinosh J. Mani, Heather R. Herd, Akhilesh Ramachandran, Melanie Breshears
13. Application of the Dutch Working Party on Infection Prevention Guideline to Define *E. coli* Isolates as Multi-drug Resistant – Gabriel Innes, Michelle Traverse, Shelley C. C. Rankin
14. Extended-Spectrum Beta-Lactamase Resistant *E. coli* isolates from Companion Animals and Co-Resistance to Empiric Drug Classes – Gabriel Innes, Shelley C. C. Rankin
15. A Survey of Oregon Raptors for *Chlamydia psittaci* and the presence of a *Rhabdochlamydia* spp – Sophie J. Jouffroy, Andrew H. Schlueter, Dan Rockey, Rob Bildfell

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† Graduate Student Oral Presentation Award Applicant

+ AAVLD/ACVP Pathology Award Applicant

# AAVLD Trainee Travel Awardee

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◇ USAHA Paper

## AAVLD Posters (cont.)

16. Prevalence study of *Tritrichomonas foetus* in commercial bulls in The State of Chihuahua Mexico Tested with MagMAX™ Sample Preparation System and VetMAX™-Gold Trich Detection Kit – Everardo González-Rodríguez, José Alejandro Ramírez-Godínez, Beatriz Adriana Leal-Tarín, Cathia Lastra-González, Perla Lucía Ordoñez-Baquera, Jorge Alberto Álvarez-García, Eduardo Santellano-Estrada, Mario Edgar Esparza-Vela, Jeffrey Baxter, Ivan Leyva Baca
17. Retrospective analysis of diagnostic virology test data from clinical samples associated with bovine respiratory disease complex – Binu T. Velayudhan, Hemant K. Naikare, Pamela Ferro, Megan Schroeder
18. Microbial entities associated with abortion in small ruminants: A retrospective evaluation of 58 cases with emphasis on detection of *Coxiella burnetii* by PCR § – Daniel A. Corrales, Hemant K. Naikare
19. *Ajellomyces capsulatus* (formally *Histoplasma capsulatum*) infection in a Bactrian camel (*Camelus bactrianus*) with granulomatous and ulcerative typhlocolitis – Shih-Hsuan Hsiao, Wade Edwards, Elsbeth Grimmer, Brian Aldridge, Carol W. Maddox
20. Cerebral oligodendroglioma mimicking intraventricular neoplasia in three dogs – Dan R. Rissi, Jonathan M. Levine, Kristin B. Eden, Victoria E. Watson, John F. Griffin, John F. Edwards, Brian Porter
21. The uses and limitations of special stains in tissue sections for the diagnosis of small ruminant bacterial abortion. – Alisha Curtis, Karen Sverlow, Santiago Diab
22. Pleomorphic adenoma of the submandibular salivary gland in a horse – Santiago Diab, Brian G. Murphy
23. Polyserositis, Bronchopneumonia, Colitis, Exudative Dermatitis and Cobalt Deficiency in a Piglet in Utah – Jane Kelly, Jeffery Hall, Kerry A. Rood
24. Bovine “Winter Dysentery” Outbreak During The Summer Of Southern California – Santiago Diab
25. Characterization of the local inflammatory response in the reproductive tract of the equine arteritis virus carrier stallion \* – Mariano Carossino, Alan Loynachan, Juliana R. Campos, Bora Nam, Igor F. Canisso, Yun Young Go, Peter J. Timoney, Kathleen M. Shuck, Pamela Henney, Mats H. Troedsson, R. F. Cook, Thomas Swerczek, Edward L. Squires, Ernest Bailey, Udeni BR Balasuriya
26. “Atypical” Chronic Wasting Disease in PRNP Genotype 225FF Mule Deer – Lisa Wolfe, Karen Fox, Michael Miller
27. Organizing pneumonia and *Pneumocystis murina* in an experimentally naive *Rag1*-deficient mouse \* – Rebecca A. LaFleur, Tiffany L. Whitcomb, Timothy K. Cooper
28. Histological techniques used to identify amyloid beta plaques in the cerebrum of a Ring-Tailed Lemur – Rosa Lynn B. Manalac, Leslie W. Woods, Matt F. Sheley, Christina J. Sigurdson, Scott Fish, Robert J. Munn, Alisha Curtis
29. Equine *Leptospira*-associated abortions in Northern California – Kris Clothier, Peter N. Chu, Santiago Diab
30. Spontaneous Necrotizing Esophagitis in a Sprague Dawley Rat \* – Rebecca A. LaFleur, Xuwen Peng, Timothy K. Cooper
31. Evaluation of Commercial Rapid PED, TGE, and Rota Ag Test Kits for Detecting Virus Pathogens in Porcine Feces # – Qi Chen, Joseph Thomas, Frances Hunter, Phillip Gauger, Karen Harmon, Rodger Main, Jianqiang Zhang
32. Evaluation of a rapid immunochromatographic antigen test for bovine pathogens in feces § – Marc D. Schwabenlander, Albert Rovira
33. Evaluation of Three In-clinic Serological Tests for Specific Detection of FeLV Antigen in Cats – Brendon Thatcher, Jiayou Liu, Hannah Bewsey, Melissa Beall, Tom O’Connor, Ramaswamy Chandrashekar, Michael Lappin

## AAVLD Posters (cont.)

34. Comparative Evaluation of In-clinic Tests for Antibodies to *Anaplasma* and *Ehrlichia* Species in Dogs – Hannah Bewsey, Brendon Thatcher, Jiayou Liu, Melissa Beall, Tom O’Connor, Ramaswamy Chandrashekar, Ed Breitschwerdt
35. Evaluation of an improved commercial *Anaplasma* antibody competitive enzyme-linked immunosorbent assay in cattle in Australia – Lara Marwedel, Susan Lewis, Jacqueline Sambono, Peter J. Rolls, Chungwon J. Chung
36. Using veterinary diagnostic laboratories in the Vet-LIRN network to investigate canine diagnostic samples to understand adverse event reports following jerky pet treat ingestion – Jennifer Jones, Olga Ceric, Urs Giger, Shuruevia Strickland, Sarah Nemser, Jake Guag, Andriy Tkachenko, David Rotstein, Lee Anne Palmer, Lauren Carey, Renate Reimschuessel
37. Reproductive Failure in Cattle Caused by Locoweed Ingestion – John Ragsdale, Norbert Takacs, Tim Hanosh
38. Quantitation of Ergovaline in Bovine Serum – Kyle A. Francis, Lori Smith, Cynthia Gaskill
39. Expression Analysis and Immunoreactivity of Rift Valley Fever Virus Gc Glycoprotein – Maira Cotton-Caballero, D. Scott McVey, William C. Wilson, Jürgen A. Richt, Bonto Faburay
40. Detection and genomic characterization of a PRCV variant in the United States – Leyi Wang, Yan Zhang
41. Screening of archived paraffin-embedded tissues from equine surgical skin biopsies for the presence of Bovine Papillomavirus-1&2 by a Taqman real-time PCR ◇ – Feng (Julie) Sun, Bruce Abbitt, Andres D. Concha-Bermejillo, Pamela Ferro, Alfonso Clavijo
42. *Inonotus tropicalis* Systemic Mycosis in a Dog \* – Kenneth Kim, Thibault Ribas, Hannah Pipe-Martin, Mary Leissenger, Britton Grasperge, Amy Grooters, Deanna Sutton, Romain Pariaut, Rudy Bauer

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◇ USAHA Paper

# Daily Events

Wednesday, October 21

Pre-registration Hours: 3:00-6:00pm.

# Daily Events

Thursday, October 22

Registration Hours: 7:00am-6:00pm.

**AAVLD – NAHLN Exercises and Drills Working Group Sponsored Preparedness Workshop** – 10:00am-200pm; Rooms 552B (Convention Center).

**AAVLD – Virology Symposium** – 10:00am-3:00pm; Room 555 (Convention Center).

**AAVLD – NAHLN IT meeting** – 1:00-5:00pm, Room 551 (Convention Center).

**AAVLD – Accreditation Committee** – 1:00-5:00pm; Room 552A (Convention Center).  
COMMITTEE ONLY.

# Daily Events (cont.)

Friday, October 23

Registration Hours: 7:00am-6:00pm.

**AAVLD – Financial Advisory Committee** – 7:00-8:00am; Room 552B (Convention Center). COMMITTEE ONLY.

**AAVLD – Publications Committee** – 8:00-10:00am; Room 552B (Convention Center).

**AAVLD – Mini Bacteriology Symposium** – 8:00-11:45am; Room 553 (Convention Center).

**AAVLD – Accreditation Committee** – 8:00am-12:00pm; Room 552A (Convention Center). COMMITTEE ONLY.

**AAVLD – Parasitology Committee** – 8:00am-12:00pm; Room 555A (Convention Center).

**AAVLD – Informatics Committee** – 8:00am-5:00pm; Room 550 (Convention Center).

**C.L. Davis** – 8:00am-5:50pm; Room 557 (Convention Center). (Additional registration fee required see [www.aavld.org/symposium-workshops](http://www.aavld.org/symposium-workshops) for link).

**AAVLD – Laboratory Emergency Management Committee** – 10:00am-12:00pm; Room 551 (Convention Center).

**AAVLD- Epidemiology Committee** – 10:00am-12:00pm; Room 555B (Convention Center).

**AAVLD – LCEM User Group** – 11:00am-1:00pm; Room 552B (Convention Center).

**USAHA – Executive Committee Luncheon and Meeting** – 12:00-5:00pm; Room 554A (Convention Center).

**AAVLD – Subcommittee on Bacteriology and Mycology** – 12:30-1:30pm; Room 553 (Convention Center).

**National Assembly of State Animal Health Officials** – 1:00-6:00pm; Room 556 (Convention Center).

**AAVLD – Poster Presentations Set-up** – 12:00-6:00pm; Ballroom A (Convention Center).

**ABVT – Annual Meeting** – 1:00-2:00pm; Room 555A (Convention Center).

**AAVLD – Virology Committee** – 1:00-4:00pm; Room 555B (Convention Center).

**AAVLD – Quality Assurance Committee** – 1:00-5:00pm; Room 551 (Convention Center).

**AAVLD – Executive Board Meeting** – 1:00-5:00pm; Room 552A (Convention Center).

**AAVLD – Subcommittee on Antimicrobial Susceptibility Testing Business Meeting** – 1:30-2:15pm; Room 553 (Convention Center).

**AAVLD/AAVCT – Business Meeting and Case Presentations** – 2:00-6:00pm; Room 554B (Convention Center).

**AAVLD – Bacteriology Steering Committee** – 2:15-3:00pm; Room 553 (Convention Center).

**AAVLD – Exhibitor Setup** – 2:00-6:00pm; Ballroom A (Convention Center).

**AAVLD – Laboratory Technology Committee** – 4:00-6:00pm; Room 555B (Convention Center).

**AAVLD – Editorial Board, Journal of Veterinary Diagnostic Investigation (JVDI)** – 4:00-6:00pm; Room 555A (Convention Center).

**AAVLD – Membership Committee** – 4:30-5:15pm; Ballroom E (Convention Center).

**AAVLD – Vet-LIRN Meeting** – 5:00-6:00 pm; Room 553 (Convention Center).

**AAVLD – Constitution, Bylaws and Resolutions Committee** – 5:00-6:00pm; Room 552B (Convention Center).

**AAVLD – New Member Orientation** – 5:15-6:00pm; Room 552A (Convention Center).

**AAVLD – Reception and Foundation Auction** – 6:00-9:00pm; Exhibition Hall A (Convention Center, 3rd Floor).

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◇ USAHA Paper

**Registration Hours: 7:00am-5:00pm****AAVLD – Foundation Committee** – 7:00-8:00am; Room 558 (Convention Center).**AAVLD – Plenary Scientific Session** – 7:45-11:45am; Ballroom DE (Convention Center).

Moderators: Tom Baldwin and Pat Halbur

7:45am Introduction and Welcome

7:50am The 2015 avian influenza outbreak: phylogenetic analysis of the H5N2 influenza virus – *Mia Kim Torchetti*8:30am The University of Minnesota Veterinary Diagnostic Laboratory: Responding to Highly Pathogenic Avian Influenza – *Ann M. Fitzpatrick, Mary Thurn, Elizabeth Wiedenman, Sunil Kumar, Robert Porter, Kurt D. Rossow*9:00am Second verse, but not quite the same as the first: Tips on preparing your lab for HPAIV ◇ – *Rodger Main, Sarah Abate, David Baum, Phillip Gauger, Patrick G. Halbur, Karen Harmon, Yuko Sato, Wendy R. Stensland, Katie Woodard, Kyoung-Jin Yoon, Jianqiang Zhang*

9:30am Break

10:15am Highly Pathogenic Avian Influenza Outbreak: epidemiologic findings and what they tell us about prevention and control – *Brian McCluskey*10:55am Avian influenza outbreak of 2015: regulatory effort and what was learned – *John R. Clifford*

11:35am Concluding Remarks and Questions

**USAHA/AAVLD – Committee on Animal Emergency Management** – 8:00am-1:00pm; Ballroom B (Convention Center).**AAVLD – Exhibits** – 9:00am-6:00pm; Ballroom A (Convention Center); Refreshments in Exhibit Hall 9:30-10:15am; 11:30am-1:00pm; 3:00-6:00pm.**AAVLD – Posters** – All day; Ballroom A (Convention Center). Authors present 3:00-4:00pm.**AAVLD – House of Delegates and General Membership** – 11:45am-12:15pm; Ballroom DE (Convention Center).**AAVLD – LCEM User Group** – 11:30am-12:30pm; Room 558 (Convention Center).**USAHA/AAVLD – Student Luncheon** – 12:00 – 1:30pm; Room 557 (Convention Center).**National Assembly of State Animal Health Officials** – 1:00-6:00pm; Providence Room (Omni Hotel)**AAVLD – Bacteriology 1 Scientific Session** – 1:00-3:00pm; Room 556 Convention Center).

Moderators: Lalitha Peddireddi and Kenitra Hammac

1:00pm Avian Coxiella-like infection in a hyacinth macaw † + – *Melissa Macias Rioseco, Margaret A. Highland, Rocio Crespo*1:15pm Streptococcus bovis Septicemia in a Group of Calves following Intramuscular Vaccination # † + – *Lorelei L. Clarke, Robert L. Fathke, Susan Sanchez, James B. Stanton*1:30pm A multiplex real-time PCR panel for detection of major bacterial and viral agents causing abortion in small ruminants # † – *Shahan Azeem, Sara Ghorbani-Nezami, Ahmad Allam, Vickie L. Cooper, Eric Burrough, Kent Schwartz, Paul Plummer, Paulo Arruda, Phillip Gauger, Joann M. Kinyon, Darin Madson, Orhan Sahin, Gregory Stevenson, Kyoung-Jin Yoon*1:45pm Genetic characterization of novel pathogen “Brachyspira hampsonii” reveals associations of diverse clades, regions, host species and relationships with other swine Brachyspira species # † – *Nandita Mirajkar, Aschalew Bekele, Yogesh Chander, Connie Gebhart*2:00pm A diagnostic tool for the veterinary clinician and pathologist: panfungal polymerase chain reaction (PCR) on formalin-fixed paraffin embedded (FFPE) tissues to classify fungal organisms found histopathologically # † – *Courtney M. Smith, Caitlin Older, Laura Bryan, Sara Lawhon, Jan Suchodolski, Joanne Mansell, Aline Rodrigues-Hoffmann*2:15pm Application of MIQE guidelines for quantitative detection of Lawsonia intracellularis by PCR – *Kent Doolittle, Wayne Chittick, Allison Spitz, Greg Cline, Jack Gallup*2:30pm Comparative Assessment of Multiplex PCR Assays to Culture and Susceptibility Testing Methods for the Detection of Bovine Bacterial Respiratory Pathogens and Macrolide Antimicrobial Resistance Determinants § – *Laura Pike, John D. Loy*2:45pm Clinical evaluation of Vetericyc Plus™ Pinkeye Spray in calves with experimentally induced Infectious Bovine Keratoconjunctivitis ◇ – *Julie Gard, Debra R. Taylor, Rachel Maloney, Megan Schnuelle, Sue Duran, Will Justus, Paul Walz, Annette O'Connor***AAVLD – Epidemiology 1 Scientific Session** – 1:00-3:00pm; Room 553 (Convention Center).

Moderators: E. Jane Kelly and Gregg Hanzlicek

1:00pm Managing CWD in Farmed Cervids ◇ – *Nicholas J. Haley*1:15pm Developing sampling guidelines for PEDV surveillance † – *Marisa Rotolo, Luis G. Gimenez-Lirola, Sarah Abate, Marlin Hoogland, Chong Wang, David Baum, Phillip Gauger, Karen Harmon, Rodger Main, Alex Ramirez, Jeff Zimmerman*1:30pm Tracking of antimicrobial resistance in food-borne pathogens in small poultry production sectors, Options for action. ◇ – *Mohamed A. El Bably*1:45pm Diagnoses of cause of mortality in farmed mink in the Intermountain West – *David J. Wilson, Thomas J. Baldwin, Chelsea H. Whitehouse*2:00pm Bovine Viral Diarrhea detection in bovine samples and necropsy specimens – comparison between diagnostic test methods and age, sex, and breed – *David J. Wilson, Thomas J. Baldwin, Jane Kelly, Arnaud Van Wettere, Gordon A. Hullinger, Jennifer Bunnell*2:15pm Salmonella prevalence in small scale semi-commercial and backyard egg production flocks – *Kristy Pablonia, Sarah Millonig, Kyran J. Cadmus*2:30pm Retrospective study of bovine neurological diseases in Georgia between 2001 and 2015 † + – *Lorelei L. Clarke, Dan R. Rissi*2:45pm Application of ORF5 sequencing in PRRS management – *Jianfa Bai, Steven Henry, Elizabeth G. Poulsen, Lisa Tokach, Megan Potter, Richard Hesse, Gary Anderson*

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## Daily Events (cont.) Saturday, October 24

### AAVLD – Pathology 1 Scientific Session – 1:00-3:00pm; Room 555 (Convention Center).

Moderators: Kelli Almes and Jamie Henningson

- 1:00pm Breed-specific reference intervals for assessing thyroid function in seven dog breeds – *Rebecca L. Davies, Sheila M. Torres, Leslie C. Sharkey, Sarah Gresch, Claudia A. Munoz-Zanzi, Peter R. Davies*
- 1:15pm Nephropathogenic Infectious Bronchitis Virus in Backyard Chickens – *Santiago Diab, Patrick Pong, Karen Sverlow, Beate Crossley*
- 1:30pm Herd Outbreak of Bovine tuberculosis Illustrates that the Route of Infection Correlates with Anatomic Distribution of Lesions – *Scott D. Fitzgerald, Charlotte Hollinger, Thomas P. Mullaney, Colleen S. Bruning-Fann, John Tilden, Rick Smith, James Averill, John B. Kaneene*
- 1:45pm Histopathologic Findings in the Livers of Broilers with Naturally-Occurring Inclusion Body Hepatitis – *Keith L. Bailey, Steve W. Breeding, Robin Gilbert*
- 2:00pm Natural History of Pulmonary Hypertension: Adaptive versus Maladaptive Physiologic Responses in Beef Cattle Exposed to Chronic Hypoxia and the Role of Inflammation in the Progression of Pulmonary Hypertension † – *Greta M. Krafusur, Dale Brown, Joseph Neary, Timothy Holt, Daniel Gould, Suzette Riddle, Angela Canovas, Juan Medrano, Mark Enns, Milton Thomas, Kurt Stenmark*
- 2:15pm Not So High Mountain Disease: Inflammation, Pulmonary Hypertension and Right Heart Failure in High Plains Fattening Beef Cattle † – *Greta M. Krafusur, Dale Brown, Suzette Riddle, Maria Frid, Jens Poth, Daniel Gould, Joe Neary, Tim Holt, Kurt Stenmark*
- 2:30pm Hemochromatosis and equine degenerative myelopathy in a Shetland pony † + – *Ida L. Phillips*
- 2:45pm Isolation of *Helcococcus ovis* from an aborted calf with pathology ◇ – *Yan Zhang, Jing Cui, Jeffrey R. Hayes, Mary B. Weisner, Beverly Byrum*

### AAVLD – Toxicology 1 Scientific Session – 1:00-3:00pm; Room 552 (Convention Center).

Moderators: Tim Evans and Tricia Talcott

- 1:00pm Proficiency Test to Detect and Quantify Melamine and Cyanuric Acid in Fish Tissues – *Sarah Nemser, Yang Chen, Ramesh Yettella, Salvador Lopez, Andriy Tkachenko, Eric Evans, Jake Guag, Steve M. Ensley, Ravinder Reddy, Renate Reimschuessel*
- 1:15pm Inter-laboratory evaluation of a high performance liquid chromatography-fluorescence method for detection and quantification of aflatoxins M1 and B1 in animal liver tissues – *Dahai Shao, Paula M. Imerman, Dwayne E. Schrunck, Steve M. Ensley, Wilson K. Rumbleiha*
- 1:30pm Analytical method for the determination of sulfide, sulfite, and thiosulfate in serum of mice exposed to hydrogen sulfide. – *Paula M. Imerman, Poojya Anantharam, Wilson K. Rumbleiha*
- 1:45pm Biomarkers of Hydrogen Sulfide Poisoning – *Poojya V. Anantharam, Elizabeth Whitley, Dahai Shao, Paula M. Imerman, Belinda Mahama, Wilson K. Rumbleiha*
- 2:00pm Development of sensitive quantitative diagnostic tests for novel nephrotoxic mushrooms. – *Shusheng Tang, Dahai Shao, Paula M. Imerman, Dwayne E. Schrunck, Wilson K. Rumbleiha*
- 2:15pm Analysis of Microcystins in Liver, Hepatotoxicity in a Dog, Case Presentation – *Paula M. Imerman, Steve M. Ensley, Joseph S. Haynes*
- 2:30pm Wildlife Poisonings Associated with Illegal Marijuana Grow Sites on Public and Tribal Lands in California – *Mourad Gabriel, Robert H. Poppenga, Leslie W. Woods, Mark Higley, Greta Wengert, Michael Filigenzi*
- 2:45pm Intra-laboratory development and evaluation of a urine-based quantitative diagnostic test for aflatoxicosis – *Dahai Shao, Paula M. Imerman, Dwayne E. Schrunck, Steve M. Ensley, Wilson K. Rumbleiha*

## Daily Events (cont.) Saturday, October 24

### AAVLD – Virology 1 Scientific Session – 1:00-3:00pm; Room 551 (Convention Center).

Moderators: Julia Ridpath and Christie Mayo

- 1:00pm WVDL Real-time RT-PCR Neuraminidase Typing Assay for Canine Influenza – *Francine K. Cigel, Jennifer Cooper, Sandra Newbury, Keith P. Poulsen, Kathy L. Toohy-Kurth*
- 1:15pm Development and Evaluation of Two Singleplex Reverse Transcription-Insulated Isothermal PCR Tests and a Duplex Real-Time RT-PCR Test for the Detection of Porcine Epidemic Diarrhea Virus and Porcine Deltacoronavirus – *Jianqiang Zhang, Yan Zhang, Qi Chen, Yun-Long Tsai, Cheng-Jen Chiang, Yu-Han Shen, Fu-Chun Li, Pei-Yu A. Lee, Hsiao Fen Grace Chang, Phillip Gauger, Karen Harmon, Hwa-Tang Thomas Wang*
- 1:30pm Novel strains of porcine reproductive and respiratory syndrome virus – *Yan Zhang, Leyi Wang*
- 1:45pm Bovine respiratory disease model based on dual infections with infection with bovine viral diarrhea virus and bovine corona virus – *Julia F. Ridpath, Anthony W. Confer, Robert W. Fulton, Shollie M. Falkenberg, Fernando Bauermann*
- 2:00pm Solutions for rapid detection of pathogen nucleic acids in liquid animal samples – introducing QIAGEN's new cador MagBead Kit ◇ – *Carsten Schroeder, Phaebe Loh*
- 2:15pm Swine influenza in 6 sows at a Michigan abattoir – *Melinda Jenkins-Moore, Alicia Janas-Martindale, Colleen S. Bruning-Fann, Annette Olson, Mary L. Killian, Thomas Flynn, Linda Cox, Arach J. Wilson, Sabrina L. Swenson*
- 2:30pm Canine influenza virus (H3N2) in Illinois – *Melinda Jenkins-Moore, Alicia Janas-Martindale, Natalie Marks, Katherine Mazingo, Mary L. Killian, Leo Koster, David Barber, Sabrina L. Swenson*
- 2:45pm *Pseudocowpox* viral epidermitis in a mountain goat: another zoonotic Parapox virus causing contagious ecthyma in wild ruminants – *Danielle D. Nelson, Juan Munoz, Dan Bradley, Peregrine L. Wolff*

### AAVLD – Laboratory Administrative Management Personnel Committee

– 1:00-3:00pm; Room 550 (Convention Center).

### AAVLD Poster Session (Authors present at posters) – 3:00-4:00pm; Ballroom A (Convention Center).

### Applied Animal Health, Public Health Research and Extension Veterinarians Symposium – 3:00-6:00pm; Bristol/Kent (Omni Hotel)

- 3:00pm Leptospirosis in the Arid Western United States – *Whalen, Rood*
- 3:20pm Simplification of Optimal Point of Entry for Gunshot and Captive Bolt Euthanasia in Bovines – *Dewell, et al.*
- 3:40pm Biological significance of reflective calf hutch covers during hot condition – *Haberman, Friend, Hairgrove*
- 4:00pm Trock: H5N1, H5N2 and H5N8 Viruses in the United States & Public Health
- 4:20pm Break
- 4:40pm Evaluation of casein hydrolysate as an intramammary infusion for cessation of lactation at the quarter level in dairy cows – *Britten, et al.*
- 5:00pm A Characterization of services offered by food animal veterinarians in the southeast United States – *Johnson, Smith, Huston*
- 5:20pm Enhancing Continuing Education with Clickers – *Dewell*
- 5:40pm Development of collaborative animal health networks to improve surveillance and emergency preparedness in Ontario, Canada – *Barham, et al.*

§ AAVLD Laboratory Staff Travel Awardee

# AAVLD Trainee Travel Awardee

f Graduate Student Oral Presentation Award Applicant

\* Graduate Student Poster Presentation Award Applicant

+ AAVLD/ACVP Pathology Award Applicant

◇ USAHA Paper

## Daily Events (cont.) Saturday, October 24

- USAHA/AAVLD – Committee on Diagnostic Laboratory and Veterinary Workforce Development** – 3:00-7:00pm; Room 553 (Convention Center).
- AAVLD – Government Relations Committee** – 3:30-5:30pm; Room 557 (Convention Center).
- AAVLD – Diagnostic Bacteriology Cases** – 3:30-5:30pm; Room 556 (Convention Center).
- AAVLD – Diagnostic Pathology Slide Seminar** – 3:30-5:45pm; Room 555 (Convention Center).
- USAHA/AAVLD – Committee on Environment and Toxicology and Veterinary Analytical Toxicology & Mycotoxins** – 3:30-6:30pm; Room 552 (Convention Center).
- AAVLD – Laboratory Safety Committee** – 3:30-7:30pm; Room 554 (Convention Center).
- AAVLD and NAHLN – Laboratory Directors Committee** – 5:30-7:30pm; Room 551 (Convention Center).
- AAVLD – IDEXX presents: Quality Control and Standardized Workflows in PCR Testing** – 6:00-6:30pm; Room 556 (Convention Center)
- AAVLD – Biovet presents: Enter a new era for animal diagnostics with the Biovet Multiplex test!** – 6:00-6:30pm; Ballroom E (Convention Center)
- USAHA – Committee on Program** – 6:00-8:30pm; Newport/Washington (Omni Hotel, 3rd Level).
- USAHA – Subcommittee on Trichomoniasis** – 6:00-8:00pm; Room 557 (Convention Center).
- AAVLD Gross Pathology Mock Examination** – 6:00-9:00pm; Room 555 (Convention Center).
- Extension Veterinarians Business Meeting** – 6:00-8:00pm; Bristol/Kent (Omni Hotel).
- American Association of Food Hygiene Veterinarians, Board of Directors** – 6:00-10:00pm; Room 558 (Convention Center).
- AAVLD – Thermo Fisher Scientific presents: Trends of Bacterial Antimicrobial Resistance Associated with Cattle Affected with Bovine Respiratory Disease Complex (BRDC) in the State of Missouri** – 6:30-7:00pm; Room 556 (Convention Center)
- AAVLD – QIAGEN presents: Real-Time PCR to NGS and Bioinformatics – A QIAGEN Tool Belt for Animal Health** – 6:30-7:00pm; Ballroom E (Convention Center)
- AAVLD – USA Lims User Group Meeting** – 7:00-8:30pm; Room 550 (Convention Center).
- Saturday Night Reception, brought to you by IDEXX** – 8:00-11:00pm, Narragansett Ballroom(Omni Hotel).

## Daily Events Sunday, October 25

**Registration Hours 7:00am-5:00pm.**

- Prayer Breakfast** – 6:30-8:00am; West Prefunction Area (Convention Center).
- USAHA – District Breakfast Meeting (NC, NE, S, W, At-Large)** – 7:00-8:30am; Ballroom D (Convention Center), Sponsored by Trace First
- AAVLD – Exhibits** – 9:00am-1:00pm; Ballroom A (Convention Center). Refreshments in Exhibit Hall 9:00-10:15am and 11:15am-1:00pm.
- AAVLD – Posters** – 9:00am-12:00pm; Ballroom A (Convention Center).
- Food Safety Symposium** – 8:00am-12:00pm; Ballroom B (Convention Center).

**AAVLD – Pathology 2 Scientific Session** – 8:00-11:15am; Room 555 (Convention Center).

Moderators: Chanran Ganta and Danielle Nelson

- 8:00am Spontaneous Uterine Tumors in Guinea Pigs \* † + – *Tamara Veiga-Parga, Shelley Newman*
- 8:15am Acute, fibrinohemorrhagic, interstitial pneumonia and suppurative myocarditis associated with *Bartonella henselae* in three Florida panthers (*Puma concolor coryi*). # † + – *Elizabeth J. Elsmo, Heather M. Fenton, Michael J. Yabsley, Mark Cunningham, Elizabeth W. Howerth*
- 8:30am Immunophenotyping and comparison of normal canine corneal endothelium and canine preiridal cellular membranes † += – *Linda Huang, Matti Kiupel, Dodd G. Sledge*
- 8:45am Pathology of blackleg in cattle # † + – *Camila C. Abreu, Patricia C. Blanchard, John Adaska, Robert B. Moeller, Mark L. Anderson, Santiago Diab, Francisco A. Uzal*
- 9:00am Pneumonic Plague in a Domestic Dog – *Gary L. Mason, Kristy Pablonia*
- 9:15am Immunohistochemical staining in tissues from non-PI, seropositive, congenitally BVDV infected calves with varying degrees of neurological malformation – *Sasha R. Lanyon, Michael P. Reichel*
- 9:30am Break
- 10:15am A proposed histopathological case definition of naturally-acquired salmonella enterica serovar dublin infection in holstein cattle in the northeastern United States – *Heidi L. Pecoraro, Belinda S. Thompson, Gerald E. Duhamel*
- 10:30am Catastrophic humeral fractures in race horses – *Francisco A. Uzal, Meredith Rhea, Francisco R. Carvallo, Santiago Diab*
- 10:45am Lesion characterization and exploration of infectious etiologies in growing pigs with ear tip necrosis – *Bailey L. Arruda, Eric Burrough, Kent Schwartz, Adam Krull, Paul Plummer, Jeff Blythe*
- 11:00am Systemic fibrinoid vasculitis and severe renal lesions in a free-ranging, young-of-the year raccoon (*Procyon lotor*) from Prince Edward Island, Canada associated with infection with a *Bartonella taylorii*-like bacterium – *Heather M. Fenton, Michael J. Yabsley, Elizabeth J. Elsmo, Christopher Cleveland, Scott McBurney*

§ AAVLD Laboratory Staff Travel Awardee

f Graduate Student Oral Presentation Award Applicant

+ AAVLD/ACVP Pathology Award Applicant

# AAVLD Trainee Travel Awardee

\* Graduate Student Poster Presentation Award Applicant

◇ USAHA Paper



## Daily Events (cont.) Sunday, October 25

### AAVLD – Bacteriology 2 Scientific Session – 8:00-11:15am; Room 556 (Convention Center).

Moderators: Akhilesh Ramachandran and Dubraska V. Diaz-Campos

- 8:00am Development and Implementation of a verification system for Bacterial identification using MALDI-TOF Biotyper § – *Eric W. Lee, Loretta Miller, Bridget Randall, Rebecca Franklin-Guild, Melissa Aprea, Christie Williams, Craig Altier, Anil J. Thachil*
- 8:15am Evaluation of a Molecular Serotyping Assay for Salmonella enterica – *Shelley C. C. Rankin, D.S. Munro*
- 8:30am Improved Streptococcus suis isolate selection method for autogenous vaccines – *Srivishnupriya Anbalagan*
- 8:45am Intergenic Sequence Ribotyping (ISR) Method for Salmonella Serotyping in Veterinary Diagnostics – *Roxana Sanchez Ingunza, Melissa Madsen, Jean Guard, John El-Attrache*
- 9:00am Break
- 10:00am Novel netB-like toxin gene identified in isolates of Clostridium perfringens from canine necrohemorrhagic enteritis † + ◇ – *Neha Mishra, Joan Smyth*
- 10:15am Methicillin-Resistant Staphylococcus spp. Isolated from Companion Animals in The United States from 2003 to 2014 – *Stephen D. Cole, Shelley C. C. Rankin*
- 10:30am Characteristics of extended beta-lactamase (ESBL) producing Escherichia coli isolated from horses - *Artem Rogovsky, Chris Gillis*
- 10:45am Improved real-time PCR detection of eight bovine respiratory disease pathogens using the Qiagen Rotor-Gene and QuantiTect Virus Kit - *Laura Bradner, Karen Harmon, Phillip Gauger*
- 11:00am Identification of hemotrophic mycoplasma infections in Michigan dairy cattle including dual infections with Mycoplasma wenyonii and 'Candidatus Mycoplasma haemobos' - *Dodd G. Sledge, Ailam Lim, Steven R. Bolin*

### AAVLD – Epidemiology 2/Parasitology/Serology/QA/QC Scientific Session – 8:00-11:30am; Room 553 (Convention Center).

Moderators: Lindsey Holmstrom and David Wilson

- 8:00am The missing piece: Utilizing a common database for disease outbreak investigations ◇ – *Kerry Sondgeroth*
- 8:15am Diagnostic records in a changing world: Enhancing preparedness and meeting the demands of today's progressive food animal production systems – *Katie Woodard, Shiva Adhikari, Daniel Patanroi, Bret Crim, Kate Mueller, Randy Berghofer, Rodger Main*
- 8:30am Progress made on developing tools that link veterinary diagnostic laboratory submissions, corresponding test results, and an interpreted premise-level health status to spatiotemporal mapping tools in support of area regional disease control and monitoring efforts in US swine – *Kate Mueller, Jordan Bjustrom, Bret Crim, Rodger Main, Dale Polson, Zack Whedbee, Erin Lowe, Enrique Mondaca, Andres Perez, Beatriz Martinez-Lopez*
- 8:45am Non-fatal injury occurrence in Southern California Thoroughbred racehorses 2009-2010 – *Ashley Hill, Jeff A. Blea, Rick M. Arthur, C. W. Mcllwraith*
- 9:00am Defining the Long-term Duration of Parasitemia and Antibody Response in Cattle Infected with Variable Strains and Doses of Babesia bovis and Evaluating Sero-diagnostic Tools – *Chungwon J. Chung*
- 9:15am Comparison of an alternative diagnostic sampling technique for Tritrichomonas foetus in cattle – *Grant Dewell, Karen Harmon, Tyler Dohlman, Patrick Phillips, Phillip Gauger*
- 9:30am Break

## Daily Events (cont.) Sunday, October 25

### AAVLD - Serology; QA/QC

Moderators: Devi Patnayak and Pat Lukens

- 10:15am Evaluation of commercial porcine epidemic diarrhea virus (PEDV) serology tests using sera from experimentally infected pigs † – *Kathleen A. Gibson, Dong Sun, Darin Madson, Luis G. Gimenez-Lirola, Leslie Bower, Hai T. Hoang, Mahesh Bhandari, Erin Kalkwarf, Ronaldo Magtoto, Kyoung-Jin Yoon*
- 10:30am Comparison of three serological tests for the detection of antibodies against porcine epidemic diarrhea virus – *Devi P. Patnayak, Albert Rovira, Sagar M. Goyal, James E. Collins*
- 10:45am Pre-treatment of serum samples to reduce interference of colostrum-derived specific antibodies with detection of bovine viral diarrhoea virus antigen by ELISA in young calves – *Sasha R. Lanyon, Michael P. Reichel*
- 11:00am Raising the Bar – Evaluating the Quality of Root Cause Analyses § – *Susan L. Martin, Thomas J. Reilly, Timothy Evans, Shuping Zhang*
- 11:15am Improving Data Integrity and Reliability in the Research Phase of Diagnostic Test Development – *Rebecca L. Davies, Katrina Laube, Brendan R. Davies, Audrey Tseng, Matilda Wagner, Kyra Martins, Suzanne Stone, Cheryl Dvorak, Carrie Wees, Michael Murtaugh*

### AAVLD –Virology Scientific Session – 8:00-11:30am; Room 551 (Convention Center).

Moderators: Jianqiang Zhang and Douglas Marthaler

- 8:00am Sites of equine arteritis virus localization in the reproductive tract during long-term persistence in the stallion † – *Mariano Carossino, Alan Loynachan, Juliana R. Campos, Bora Nam, Igor F. Canisso, Yun Young Go, Peter J. Timoney, Kathleen M. Shuck, Pamela Henney, Mats H. Troedsson, R. F. Cook, Thomas Swerczek, Edward L. Squires, Ernest Bailey, Udeni BR Balasuriya*
- 8:15am Elimination of a centrifugation step in the NAHLN avian influenza RNA extraction protocol does not impact assay sensitivity – *Beate Crossley, Richard Breitmeyer, Dan Bradway, Tim Baszler, Terry McElwain, Donna M. Mulrooney, Jerry R. Heidel, Sarah Tomlinson, Christie M. Loiacono, Janice C. Pedersen, Mia Kim Torchetti, Monica Reising*
- 8:30am Novel Human-Like Swine H3N1 and H3N2 Influenza A Viruses Detected in Pigs – *Phillip Gauger, Daniela Rajao, Tavis Anderson, Eugenio Abente, Jianqiang Zhang, Amy Vincent*
- 8:45am Discovery of a novel porcine pestivirus in pigs infected with porcine reproductive and respiratory syndrome virus § – *Ben Hause, Emily Collin, Lalitha Peddireddi, Fangfen Yuan, Zhenhai Chen, Richard Hesse, Phillip Gauger, Travis Clement, Ying Fang, Gary A. Anderson*
- 9:00am Diagnosis of Rift Valley Fever Nucleocapsid Protein by Luminex-based Fluorescence Microsphere Immunoassay – *Izabela Ragan, Rachel Palinski, Mohammad Hossain, William C. Wilson, D. Scott McVey, Raymond R. Rowland*
- 9:15am Break
- 10:00am To be PED, or not to be PED – that is the question! ◇ – *Yan Zhang, Jeffrey R. Hayes, Leyi Wang, Jing Cui, Beverly Byrum*
- 10:15am Keeping up with the demand – are the PCR results ready-yet? – *Wendy R. Stensland, Karen Harmon, Sarah Abate, Laura Bradner, Derek Dunn, Allison Kolker, Lacey Kurth, Chad Reinke, Leanne Schulz, Morgan Thomes*

§ AAVLD Laboratory Staff Travel Awardee

† Graduate Student Oral Presentation Award Applicant

+ AAVLD/ACVP Pathology Award Applicant

# AAVLD Trainee Travel Awardee

\* Graduate Student Poster Presentation Award Applicant

◇ USAHA Paper

## Daily Events (cont.) Sunday, October 25

- 10:30am Development of Porcine Deltacoronavirus (PDCoV) Diagnostic Tools and Investigation of Pathogenesis of a US PDCoV Cell Culture Isolate in 5-day-old Piglets # † – Qi Chen, Phillip Gauger, Molly Stafne, Joseph Thomas, Paulo Arruda, Eric Burrough, Darin Madson, Joseph Brodie, Drew Magstadt, Rachel Derscheid, Michael Welch, Jianqiang Zhang
- 10:45am Canine Distemper: Detection Of A Novel Genotype Causing Disease In Wildlife # † + – Jenny P. Pope, Debra L. Miller, Mathew C. Riley, Eman P. Anis, Rebecca P. Wilkes
- 11:00am Applications of In Situ Hybridization for Novel Aquatic Viruses # † + – Jennifer Dill, Elizabeth W. Howerth, Terry Fe Fan Ng, Alvin Camus
- 11:15am Senecavirus A vesicular disease outbreak in Midwest show and commercial pigs – Pablo E. Pineyro, Chris Rademacher, Rachel Derscheid, Baoqing Guo, Kyoung-Jin Yoon, Jianqiang Zhang, Karen Harmon, Drew Magstadt, Phillip Gauger, Qi Chen, Paulo Arruda, Gregory Stevenson, Eric Burrough, Kent Schwartz, Vickie L. Cooper, Bailey L. Arruda, David Baum, Jeff Zimmerman, Luis G. Gimenez-Lirola, Daniel Correia-Lima-Linhares, Patrick G. Halbur, Rodger Main, Darin Madson
- AAVLD – Toxicology 2 Scientific Session** – 8:00-11:30am; Room 552 (Convention Center).
- Moderators: Larry Thompson and Karyn Bischoff
- 8:00am Accidental, or intentional, xylitol poisoning in canines as a result of ingesting xylitol-laced baits used to control predators (e.g., wolves) – Patricia Talcott, Michael Filigenzi, Robert H. Poppenga
- 8:15am Quantitation of Eight Anticoagulant Rodenticides in Animal Liver by LC-MS/MS with a d-SPE Clean-up Method # – Boying Liang, Lori Smith, Cynthia Gaskill
- 8:30am A Rapid Method for the Detection of Bromethalin Using MALDI-TOF Mass Spectrometry – Christina Wilson, Mary Mengel, Jonathan Butz, Kendal Weger
- 8:45am Semen as an effective monitor of trace mineral status in male bovine specimens and the effect of trace minerals on the motility and morphology of semen † – Dwayne E. Schrunck
- 9:00am MALDI-TOF MS Detection of Coniine in Poison Hemlock – Christina Wilson, Alexa Baron, Jonathan Butz, Mary Mengel
- 9:15am High hepatic selenium concentrations associated with acute hepatocellular necrosis and mortality in calves # † + – Erica Noland, Thomas Herdt, Dodd G. Sledge
- 9:30am Break
- 10:15am An analytical method for the analysis of eight neonicotinoid insecticides in hummingbird remains – Michael Filigenzi, Lisa Tell, Robert H. Poppenga
- 10:30am Finding traces of rodenticide anticoagulant in the liver of race horses – Francisco R. Carvallo, Robert H. Poppenga, Hailu Kinde, Carol A. Nyaoke, Santiago Diab, Robert B. Moeller, Rick M. Arthur, Francisco A. Uzal
- 10:45am Quantitation of Fumonisin B1 and B2 in Feed Using FMOF Precolumn Derivatization and UPLC-Fluorescence – Lori Smith, Cynthia Gaskill
- 11:00am QuEChERS made easy for toxicants screening – Daljit Vudathala, Margie Cummings, Lisa Murphy
- 11:15am Acute Liver Necrosis with Massive Death Loss in a Herd of Beef Cows in Northern Colorado ◇ – Gene A. Niles

## Daily Events (cont.) Sunday, October 25

- AAVLD – Administrative Management Personnel Committee** – 8:00am-12:00pm; Room 550 (Convention Center).
- Northeast District Meeting** – 9:00-11:30am; Room 557 (Convention Center).
- North Central District Meeting** – 9:00-11:30am; Room 554 (Convention Center).
- Southern District Meeting** – 9:00-11:30am; Ballroom E (Convention Center).
- Western District Meeting** – 9:00-11:30am; Ballroom C (Convention Center).
- Spouses Brunch** – 9:30am-12:00pm; Room 558 (Convention Center).
- USAHA – Committee on Audit** – 12:00-1:00pm; Bristol (Omni Hotel Third Level).
- AAVLD – Pathology Committee** – 12:00-2:00pm; Room 555 (Convention Center).
- USAHA/AAVLD – Committee on National Animal Health Laboratory Network** – 12:00-3:00pm; Room 550 (Convention Center).
- USAHA – Committee on Wildlife Diseases** – 12:30-5:00pm; Ballroom B (Convention Center).
- USAHA/AAVLD – Committee on Aquaculture** – 12:30-5:30pm; Room 553 (Convention Center).
- USAHA – Committee on Import-Export** – 12:30-5:30pm; Ballroom C (Convention Center).
- USAHA – Committee on Infectious Diseases of Cattle, Bison and Camelids** – 12:30-5:30pm; Room 557 (Convention Center).
- USAHA – Committee on Johne's Disease** – 12:30-5:30pm; Room 554 (Convention Center).
- USAHA – Scientific Advisory Subcommittee on Brucellosis; Subcommittee on Brucellosis in the Greater Yellowstone Area; Feral Swine Subcommittee on Brucellosis and Pseudorabies** – 12:30-5:30pm; Room 556 (Convention Center).
- APHIS-VS** – 1:00-5:30pm; Ballroom D (Convention Center).
- USAHA/AAVLD – Committee on Food and Feed Safety** – 1:30-5:30pm; Room 551 (Convention Center).
- AAVLD/NVSL – Proficiency Testing Committee** – 3:00-5:00pm; Room 555 (Convention Center).
- AAVLD – Strategic Planning Committee** – 3:00-6:00pm; Room 550 (Convention Center).
- USAHA/AAVLD – Committee on Animal Health Surveillance and Information Systems** – 3:00-6:00pm; Room 552 (Convention Center).
- USAHA District-at-Large Meeting** – 4:00-5:30pm; Room 558 (Convention Center). (Allied Organization Members)
- USAHA – New Member Orientation** – 5:00-6:00pm; Ballroom E (Convention Center).

§ AAVLD Laboratory Staff Travel Awardee

f Graduate Student Oral Presentation Award Applicant

+ AAVLD/ACVP Pathology Award Applicant

# AAVLD Trainee Travel Awardee

\* Graduate Student Poster Presentation Award Applicant

◇ USAHA Paper

## Daily Events (cont.) Sunday, October 25

**USAHA/AAVLD – Presidents Reception and Dinner** – 5:30pm; Exhibition Hall A  
(Convention Center, 3rd Floor)

*Sponsored by Thermo Fisher Scientific*

- 5:30pm Reception - Cash Bar
- 6:30pm President's Dinner  
Presiding – Francois Elvinger and Bruce King  
Invocation – Boyd Parr  
Dinner
- 7:30pm Memorial Service – David Schmitt  
Recognize Sponsors – Bruce King  
Welcome to Providence – RI Senator Susan Sosnowski  
USAHA President's Remarks – Bruce King  
AAVLD President's Remarks – Francois Elvinger  
Sponsor Acknowledgement – Francois Elvinger  
USDA-APHIS Administrator's Award – Kevin Shea  
USAHA Awards – Bruce King  
AAVLD Awards – Catherine Barr  
National Assembly of State Animal Health Officials Award - Charles Hatcher

## Daily Events Monday, October 26

**Registration Hours: 7:30am-5:00pm.**

**AAVLD – Past Presidents' Breakfast** – 7:00-8:00am; Room 558 (Convention Center).

**USAHA/AAVLD – Continental Breakfast** – 7:00 am; Ballroom Prefunction (Convention Center). *Sponsored by IDEXX*

**USAHA/AAVLD Joint Plenary Session – Future of Livestock and Poultry: Food Security for the Next Decade** – 8:00am-12:00pm; Ballroom A (Convention Center)

- 8:00am Welcome – *Drs. David Schmitt, Tom Baldwin, Co-chairs*
- 8:15am USDA Perspective – *Mr. Gary Woodward, Deputy Under Secretary for Marketing and Regulatory Programs*
- 9:00am Industry Perspective – *Mr. Don Villwock, President, Indiana Farm Bureau*
- 9:45am Break
- 10:00am Public Health Perspectives – *Dr. Robert Tauxe, Deputy Director, Division of Foodborne, Waterborne and Environmental Diseases, National Center for Emerging and Zoonotic Infectious Diseases, CDC*
- 10:45am Antimicrobial Use and VFD – *Dr. Michael Murphy, FDA-CVM (INVITED)*
- 11:30am Panel for Questions

**Directors of State Meat Inspection** – 1:00am-8:00pm; Room 557 (Convention Center).

**USAHA – Membership Luncheon and Meeting** – 12:00-12:30pm; Ballroom A or Exhibition Hall A (Convention Center, 3rd Floor). *Sponsored by Merial*

- Presiding – Bruce King  
Recognize Sponsor  
Sponsor's Presentation – Steve Parker, Merial  
State of the Association – Bruce King  
Treasurer's Report – Annette Jones  
Report of the Committee on Nominations – Stephen Crawford  
Other Business and Announcements

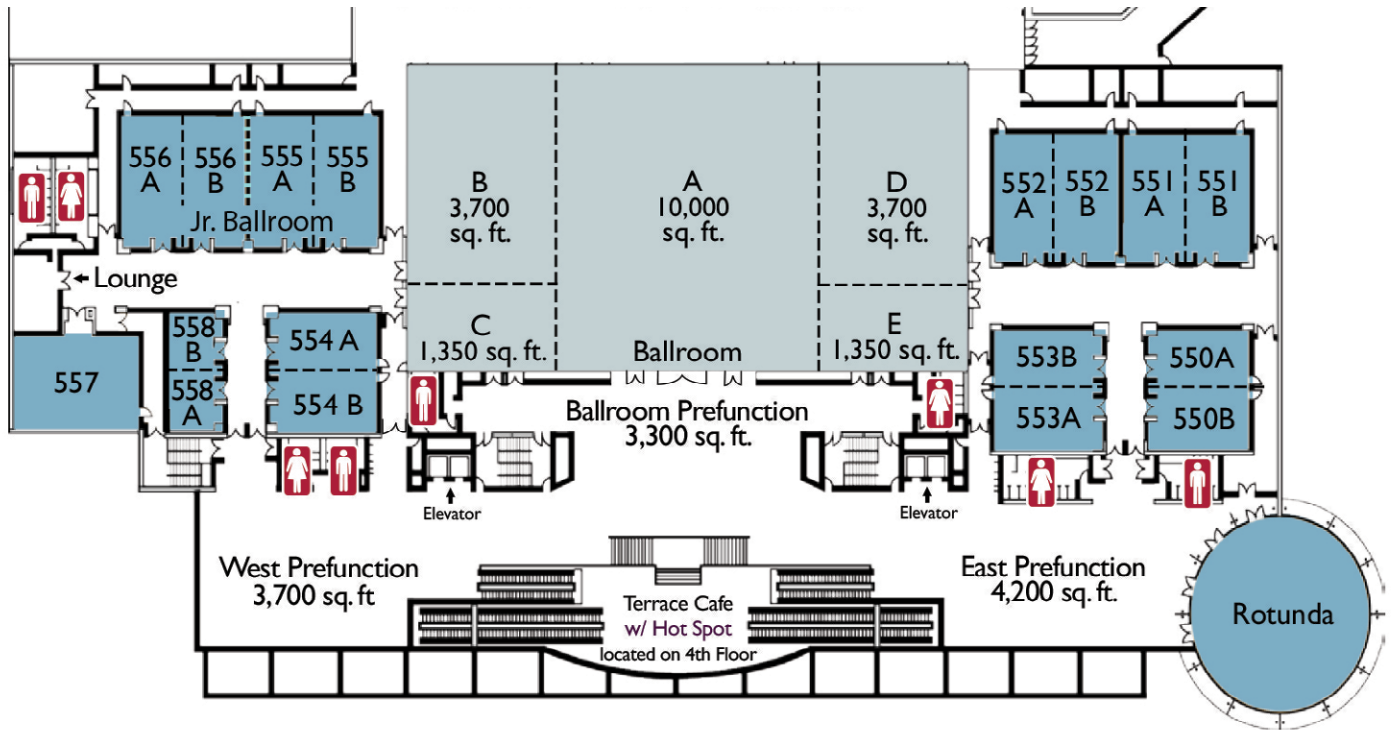
**AAVLD – House of Delegates** – 12:00-12:45pm; Room 556 (Convention Center).

**USDA-ARS Animal Health Research Review 2015** – 1:00-5:00pm; Room 553 (Convention Center).

Moderators: Dr. Gary Sherman, National Program Leader, Veterinary Science, National Institute of Food and Agriculture (NIFA) and Dr. Cyril Gay, National Program Leader, Animal Production and Protection, Agricultural Research Service (ARS)

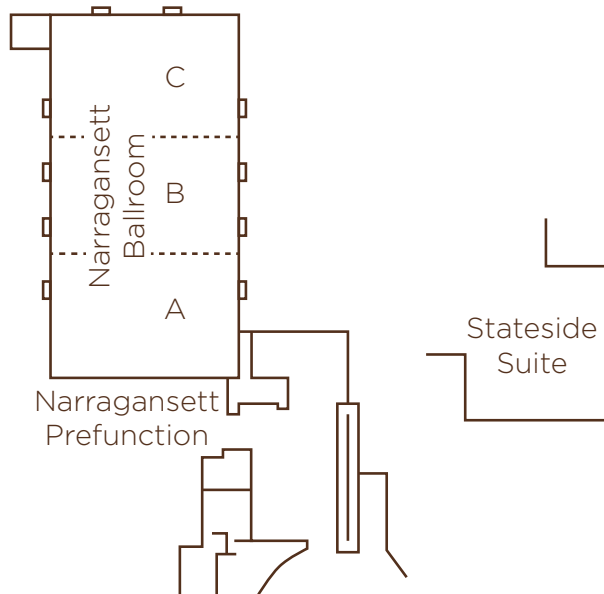
- 1:00pm The complexity of saving your bacon: the policy and human behavioral challenges of protecting food animal health – *Julie Smith, DVM, Ph.D, Extension Dairy Specialist, Associate Professor, Department of Animal and Veterinary Sciences, University of Vermont*
- 1:40pm Global change in the ecology and epidemiology of HPAI H5 Clade 2.3.4.4 in wild birds and poultry – *David Swayne DVM, Ph.D, Laboratory Director, Southeast Poultry Research Laboratory, Agricultural Research Service, Athens, Georgia*
- 2:20pm Pathogenicity and transmission of Eurasian HPAI H5 Clade 2.3.4.4 viruses in avian species – *Mary Pantin-Jackwood, DVM, Ph.D, Southeast Poultry Research Laboratory, Agricultural Research Service, Athens, Georgia*
- 3:00pm A comeback for genetically modified organisms: Developing An Effective John's Disease Vaccine from Discovery to Commercialization – *Adel M. Talaat, DVM, Ph.D, School of Veterinary Medicine, University of Wisconsin*

# Rhode Island Convention Center – 5th Floor

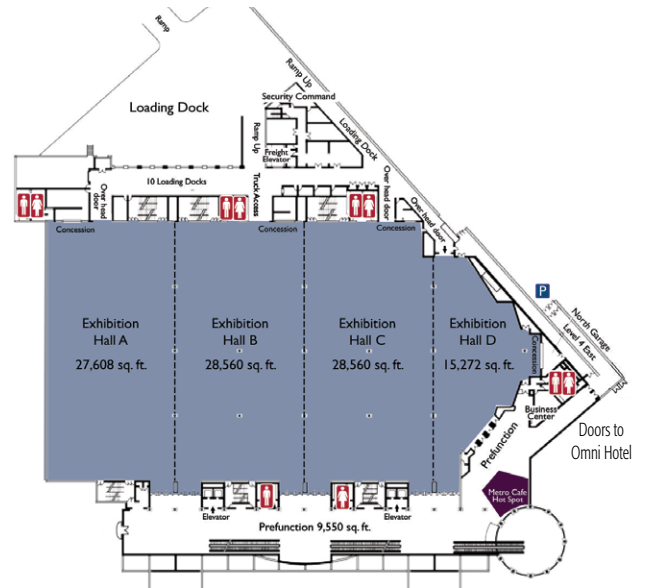


# Omni Hotel

*Providence Ground Floor*



# Convention Center Exhibit Hall



## Daily Events (cont.) Monday, October 26

- 3:40pm Vaccination with recombinant virus-like particles protects chickens from multiple H5 influenza strains including Eurasian H5N8 virus – *Peter Pushko, Ph.D, President and Chief Scientific Officer Medigen, Inc.*
- 4:20pm Vaccine and Diagnostic Studies in support of the H5 HPAI Outbreak – *David Suarez, DVM, Ph.D, Southeast Poultry Research Laboratory, Agricultural Research Service, Athens, GA*

**USAHA – Committee on Bluetongue and Related Orbiviruses** – 1:00-6:00pm; Ballroom E (Convention Center).

### Time Specific Paper

#### 1:30 pm Bluetongue – Bluetongue and Related Orbiviruses: A Global Update

Chris Oura, University of the West Indies, Trinidad

**USAHA – Committee on Brucellosis** – 1:00-6:00pm; Room 551 (Convention Center).

**USAHA – Committee on Infectious Diseases of Horses** – 1:00-6:00pm; Room 555 (Convention Center).

### Time Specific Paper

#### 3:15 pm Epizootic Lymphangitis: potential threat of a disease of considerable veterinary and economic significance

Peter J. Timoney, University of Kentucky

**USAHA – Committee on International Standards** – 1:00-6:00pm; Room 554 (Convention Center).

### Time Specific Paper

#### 2:00pm Impact of trade negotiations on agriculture trade

Sharon Bomer – Assistant Trade Representative for Agriculture, USTR

**USAHA – Committee on Transmissible Diseases of Poultry and Other Avian Species** – 1:00-6:00pm; Room 552 (Convention Center).

**USAHA – Committee on Transmissible Diseases of Swine** – 1:00-6:00pm; Room 556 (Convention Center).

**USAHA – Committee on Tuberculosis Scientific Advisory Subcommittee** – 1:00-6:00pm; Room 550 (Convention Center).

**USAHA – Subcommittee on Farmed Cervidae** – 1:00-5:00pm; Room 558 (Convention Center).

**AAVLD – Committee Chairs and Program Committee** – 1:30-3:30pm; Bristol/Kent (Omni Hotel-Third Level).

**USAHA/AAVLD – Executive Committees** – 3:30-5:00pm; Bristol/Kent (Omni Hotel-Third Level).

**National Association of Federal Veterinarians** – 5:30-8:00pm; Room 553 (Convention Center).

**USAHA – Board of Directors** – 6:00-7:00pm; Ballroom A (Convention Center).

**GlobalVetLink Reception** – 8:00-10:00pm; Providence Ballroom(Omni Hotel).

## Daily Events Tuesday, October 27

**Registration Hours: 7:30am-5:00pm.**

**USAHA – Past Presidents' Breakfast** – 7:30-9:30am; Room 550 (Convention Center).

**USAHA – Committee on Captive Wildlife and Alternative Livestock** – 8:00am-12:00pm; Room 552 (Convention Center).

**USAHA – Committee on Foreign and Emerging Diseases** – 8:00am-5:30pm; Ballroom D (Convention Center).

**USAHA – Committee on Livestock Identification** – 8:00am-12:00pm; Ballroom B (Convention Center).

### Time Specific Paper

#### 9:30-10:00am National Survey results - CVI and ADT compliance- State ADT Coordinators and State Veterinarians

Kendra Frasier, Kansas Department of Agriculture

**USAHA – Committee on Pharmaceuticals** – 8:00am-12:00pm; Room 551 (Convention Center).

**National Scrapie Oversight Board** – 8:00-9:00am; Room 553 (Convention Center).

**USAHA – Committee on Scrapie** – 9:00am-12:00pm; Room 553 (Convention Center).

### Time Specific Paper

#### 10:50-11:30am Review and Discussion of newly published revisions to scrapie rules 9 CFR, parts 54 and 79

Diane Sutton, USDA-APHIS-VS-NVSL

**USAHA – Committee on Salmonella** – 8:00-12:00pm; Room 555 (Convention Center).

**Directors of State Meat Inspection** – 8:00am-5:30pm; Room 557 (Convention Center).

**American Association of Avian Pathologist Liaison with AVMA** – 10:00am-12:00pm; Room 550 (Convention Center).

**USAHA – Committee on Biologics and Biotechnology** – 1:00-5:30pm; Room 553 (Convention Center).

**USAHA – Committee on Public Health and Rabies** – 1:00-5:30pm; Room 555 (Convention Center).

**USAHA – Committee on Sheep and Goats** – 1:00-5:30pm; Room 551 (Convention Center).

**USAHA – Committee on Transmissible Diseases of Poultry and Other Avian Species** – 1:00-5:30pm; Room 552 (Convention Center).

**USAHA – Committee on Tuberculosis** – 1:00-5:30pm; Ballroom B (Convention Center).

### Time Specific Paper

#### 2:30pm Performance of Real Time PCR in bovine TB Slaughter Surveillance

Kevin Stokes, USDA-APHIS-VS-NVSL

**USAHA – Board of Directors** – 6:00-7:00pm; Ballroom A (Convention Center).

### Registration Hours 7:30-10:00am.

**USAHA – Committee on Animal Welfare** – 8:00am-12:00pm; Ballroom D (Convention Center).

**USAHA – Committee on Parasitic Diseases** – 8:00am-12:00pm; Room 551 (Convention Center).

**NC 1180 Poultry Research Consortium** – 8:00am-5:00pm; Room 552 (Convention Center).

### **USAHA - Membership Meeting** – 2:00-3:30pm; Ballroom D (Convention Center)

2:00pm Call to Order – Bruce King

2:05pm Report of the Action of the Committee on Nominations – Stephen Crawford

Passing the Presidential Gavel

Incoming President's Address

Recognition of Immediate Past President

Executive Directors' Address

Report of the Committee on Resolutions

Other Business

**USAHA – Board of Directors** – Immediately following membership meeting; Ballroom A (Convention Center).

**USAHA – Executive Committee Meeting** – 6:00pm; Location TBD

## **USAHA/AAVLD Committee on Animal Emergency Management**

**Chair: Heather Simmons, TX**

**Vice Chair: Charlotte Krugler, SC**

Sara Ahola, CO; Bruce Akey, TX; Kelli Almes, KS; Jamee Amundson, IA; Gary Anderson, KS; Marianne Ash, IN; James Averill, MI; Lyndon Badcoe, WA; Deanna Baldwin, MD; Karen Beck, NC; Tammy Beckham, KS; Lisa Becton, IA; Danelle Bickett-Weddle, IA; Patricia Blanchard, CA; Fred Bourgeois, LA; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Charlie Broaddus, VA; William Brown, KS; Minden Buswell, WA; Bruce Carter, IA; Gregory Christy, FL; Matt Cochran, TX; Dustin Cox, NM; Stephen Crawford, NH; Tarrie Cmic, KS; Wendy Cuevas-Espelid, GA; Susan Culp, TX; Glenda Davis, AZ; Ignacio dela Cruz, MP; Leah Dorman, OH; Brandon Doss, AR; Cheryl Eia, IL; Brigid Elchos, MS; Dee Ellis, TX; Larry Elskan, IA; Francois Elvinger, VA; W. Kent Fowler, CA; Mallory Gaines, DC; Jane Galyon, IA; Tam Garland, TX; Cyril Gay, MD; Robert Gerlach, AK; Michael Gilsdorf, MD; Linda Glaser, MN; Patricia Godwin, KY; Timothy Goldsmith, MN; Alicia Gorczyca-Southerland, OK; Larry Granger, CO; Kristin Haas, VT; Rod Hall, OK; Timothy Hanosh, NM; Charles Hatcher, TN; Greg Hawkins, TX; Burke Healey, CO; Carl Heckendorf, CO; Julie Helm, SC; Kristi Henderson, IL; Linda Hickam, MO; Rick Hill, IA; Donald Hoenig, ME; Guy Hohenhaus, MD; Dennis Hughes, NE; Pamela Hullinger, CA; David Hunter, MT; Carla Huston, MS; Russell Iselt, TX; Annette Jones, CA; Jamie Jonker, VA; Subhashinie Kariyawasam, PA; Darlene Konkle, WI; T.R. Lansford, TX; Elizabeth Lautner, IA; Delorias Lenard, SC; Randall Levings, IA; Tsang Long Lin, IN; Mary Lis, CT; Eric Liska, MT; Kevin Maher, IA; Bret Marsh, IN; Barbara Martin, IA; Sarah Mason, NC; Chuck Massengill, MO; Rose Massengill, MO; Paul McGraw, WI; Sara McReynolds, ND; David Meeker, VA; Shelley Mehlenbacher, VT; Emily Meredith, VA; Gay Miller, IL; Mendel Miller, SD; Janice Mogan, IA; Alfred Montgomery, DC; Lee Myers, GA; Yvonne Nadler, IL; Sherrie Nash, MT; Cheryl Nelson, KY; Sandra Norman, IN; Dustin Oedekoven, SD; Kenneth Olson, IL; Claudia Osorio, MD; Stephanie Ostrowski, AL; Kristy Pablonia, CO; Elizabeth Parker, TX; Roger Parker, TX; William Parker, GA; Boyd Parr, SC; Janet Payeur, IA; Virginia Pierce, MD; Jewell Plumley, WV; Barbara Porter-Spalding, NC; Jeanne Rankin, MT; Renate Reimschuessel, MD; M. Gatz Riddell, Jr., AL; Julia Ridpath, IA; Paul Rodgers, WV; Keith Roehr, CO; James Roth, IA; Margaret Rush, MD; Mo Salman, CO; Michael Sanderson, KS; David Scarfe, IL; Joni Scheffel, MN; David Schmitt, IA; Gary Sherman, DC; Kathryn Simmons, DC; Marilyn Simunich, ID; David Smith, NY; Julie Smith, VT; Justin Smith, KS; Harry Snelson, NC; Diane Stacy, LA; Patricia Stonger, WI; Nick Striegel, CO; Darrel Styles, MD; Manoel Tamassia, NJ; Belinda Thompson, NY; Peter Timoney, KY; Jeff Turner, TX; Hana Van Campen, CO; Victor Velez, CA; Liz Wagstrom, DC; James Watson, MS; Patrick Webb, IA; Steve Weber, CO; Michelle Willette, MN; Brad Williams, TX; Ellen Mary Wilson, NM; Cristopher Young, GA.

**Committee Meeting: Saturday, 8:00am-1:00pm; Ballroom B (Convention Center).**

## **USAHA/AAVLD Committee on Animal Health Surveillance and Information Systems**

**Chair: Marie Culhane, MN**

**Vice Chair: Marianne Ash, IN**

Sara Ahola, CO; Bruce Akey, TX; James Averill, MI; Rich Baca, CO; Karen Beck, NC; Karen Becker, DC; Tammy Beckham, KS; Lisa Becton, IA; Charlie Broaddus, VA; Dwight Bruno, NY; Stan Bruntz, CO; Craig Carter, KY; Mal Cartwright, AB; Matt Cochran, TX; Anita Edmondson, CA; Francois Elvinger, VA; Tam Garland, TX; Joseph Garvin, VA; Alicia Gorczyca-Southerland, OK; Kristin Haas, VT; Patrick Halbur, IA; Neil Hammerschmidt, MD; William Hartmann, MN; Charles Hatcher, TN; Kristi Henderson, IL; Ashley Hill, CA; John Huntley, WA; Marv Jahde, KS; Annette Jones, CA; Jamie Jonker, VA; Ellen Kasari, CO; Diane Kitchen, FL; Elizabeth Lautner, IA; Donald Lein, NY; Anne Lichtenwalner, ME; Janet Maass, CO; Kevin Maher, IA; Rodger Main, IA; Stu Marsh, AZ; Michael Martin, SC; Rose Massengill, MO; Patrick McDonough, NY; Shelley Mehlenbacher, VT; Gay Miller, IL; Roger Parker, TX; John Picanso, MD; Barbara Porter-Spalding, NC; Margaret Rush, MD; Mo Salman, CO; David Scarfe, IL; Stacey Schwabenlander, MN; Marilyn Simunich, ID; David Smith, NY; Patricia Stonger, WI; Jessie Trujillo, IA; James Watson, VIC; Patrick Webb, IA; Steve Weber, CO; Michelle Willette, MN; Nora Wineland, MO.

**Committee Meeting: Sunday – 3:00-6:00pm; Room 552 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Animal Welfare

**Chair: Belinda Thompson, NY**

**Vice Chair: Chelsea Good, MO**

Bobby Acord, NC; Jamee Amundson, IA; Chris Ashworth, AR; James Averill, MI; Deanna Baldwin, MD; Bill Barton, ID; Paul Brennan, IN; William Brown, KS; Tom Burkgren, IA; Beth Carlson, ND; Jim Collins, CA; Stephen Crawford, NH; Susan Culp, TX; Glenda Davis, AZ; Ria de Grassi, CA; Ron DeHaven, IL; Barbara Determan, IA; Leah Dorman, OH; Brandon Doss, AR; Mark Drew, ID; Brigid Elchos, MS; Dee Ellis, TX; Kathy Finnerty, MA; Glenn Fischer, TX; Katherine Flynn, CA; W. Kent Fowler, CA; Nancy Frank, MI; Mallory Gaines, DC; Julie Gard, AL; Robert Gerlach, AK; Eric Gingerich, IN; Chester Gipson, MD; Gail Golab, IL; James Grimm, TX; Paul Grosdidier, KS; Kristin Haas, VT; Thomas Hairgrove, TX; Rod Hall, OK; Steven Halstead, MI; Charles Hatcher, TN; Bill Hawks, DC; Carl Heckendorf, CO; Julie Helm, SC; Linda Hickam, MO; Robert Hilsenroth, FL; Sam Hines, MI; Heather Hirst, DE; Donald Hoenig, ME; Danny Hughes, AR; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Regina Jensen, DE; Annette Jones, CA; Dena Jones, DC; Jamie Jonker, VA; Donna Kelly, PA; Diane Kitchen, FL; Michael Kopp, IN; Daniel Kovich, DC; Eileen Kuhlmann, MN; Mary Lis, CT; Pat Long, NE; Travis Lowe, MN; Janet Maass, CO; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; David Meeker, VA; Emily Meredith, WA; Antone Mickelson, WA; Mendel Miller, SD; Eric Mohlman, NE; Julie Napier, NE; Louis Neuder, MI; Sandra Norman, IN; Dustin Oedekoven, SD; Elizabeth Parker, TX; Boyd Parr, SC; Kris Petrini, MN; William Pittenger, MO; Jewell Plumley, WV; David Pyburn, IA; John Ragan, MD; Herbert Richards, HI; M. Gatz Riddell, Jr., AL; Keith Roehr, CO; Travis Schaal, IA; Shawn Schafer, OH; David Schmitt, IA; Dennis Schmitt, MO; Stacey Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Kathryn Simmons, DC; David Smith, NY; Harry Snelson, NC; Diane Stacy, LA; Matthew Stone, NZ; Nick Striegel, CO; Scott Stuart, CO; Manoel Tamassia, NJ; Robert Temple, OH; Beth Thompson, MN; Brad Thurston, IN; Tracy Tomascik, TX; Alberto Torres, AR; Bob Tully, KS; Jeff Turner, TX; Charles Vail, CO; Liz Wagstrom, DC; Patrick Webb, IA; Sherrie Webb, IA; Ellen Wiedner, FL; Michelle Willette, MN; Brad Williams, TX; Ellen Mary Wilson, NM; Ross Wilson, TX; Nora Wineland, MO; Richard Winters, Jr., TX; Cindy Wolf, MN; Ernest Zirkle, NJ.

**Committee Meeting: Wednesday – 8:00am-12:00pm; Ballroom D (Convention Center).**

### USAHA/AAVLD Committee on Aquaculture

**Chair: Lester Khoo, MS**

**Vice Chair: William Keleher, ME**

Sara Ahola, CO; Peter Belinsky, RI; Deborah Brennan, MS; Stan Bruntz, CO; Sandra Bushmich, CT; Beverly Byrum, OH; Lynn Creekmore, CO; Ria de Grassi, CA; Nancy Frank, MI; Richard French, NH; Jerry Heidel, OR; Donald Hoenig, ME; Hui-Min Hsu, WI; John Huntley, WA; Donna Kelly, PA; Bruce King, UT; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Regg Neiger, SD; Jamie Ng, NY; Jenee Odani, HI; Lanny Pace, MS; Amar Patil, NJ; Kris Petrini, MN; James Roth, IA; David Scarfe, IL; Kevin Snekvik, WA; Robert Temple, OH; Kathy Toohey-Kurth, WI; Anna Wilson, WI.

**Committee Meeting: Sunday – 12:30-5:30pm; Room 553 (Convention Center).**

### Committee on Audit

**Chair: Annette Jones, CA**

Richard Breitmeyer, CA; William Hartmann, MN; Maxwell Lea, Jr., LA; Ernest Zirkle, NJ;

**Committee Meeting: Sunday – 12:00-1:00pm; Stateside Suite (Omni Hotel Ground Level).**

### Committee on Biologics and Biotechnology

**Chair: Donna Gatewood, IA**

**Vice Chair: Joe Huff, CO**

Gary Anderson, KS; Chris Ashworth, AR; Randall Berrier, CO; Barbara Determan, IA; Larry Elksen, IA; James England, ID; James Evermann, WA; William Fales, MO; Robert Fulton, OK; Larry Granger, CO; Keith Haffer, SD; Percy Hawkes, UT; Rick Hill, IA; Christine Hoang, IL; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; David Marshall, NC; Kent McClure, DC; Don Myers, KS; Julia Ridpath, IA; Kathryn Simmons, DC; Bob Tully, KS; Brad Williams, TX; Mary Anne Williams, TX; Elen Mary Wilson, NM; Bereket Zekarias, KS.

**Committee Meeting: Tuesday – 1:00 – 5:30pm; Room 553 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Bluetongue and Related Orbiviruses

**Chair: Paul Gibbs, FL**

**Vice Chair: David McVey, KS**

Richard Breitmeyer, CA; Charles Brown II, WI; Stan Bruntz, CO; Alfonso Clavijo, KS; Matt Cochran, TX; Joseph Corn, GA; Edward Dubovi, NY; William Edmiston, TX; Anita Edmondson, CA; James Evermann, WA; Robert Fulton, OK; Donna Gatewood, IA; Robert Gerlach, AK; Chester Gipson, MD; Tony Good, OH; William Hartmann, MN; Percy Hawkes, UT; Richard Hesse, KS; Linda Hickam, MO; Thomas Holt, FL; Dennis Hughes, NE; Regina Jensen, DE; Bruce King, UT; Diane Kitchen, FL; Todd Landt, IA; Randall Levings, IA; Coleman Locke, TX; Travis Lowe, MN; N James MacLachlan, CA; David Marshall, NC; Daniel Mead, GA; Shelley Mehlenbacher, VT; Myrna Miller, WY; Eric Mohlman, NE; Igor Morozov, KS; Cheryl Nelson, KY; Dustin Oedekoven, SD; Eileen Ostlund, IA; William Parker, GA; William Pittenger, MO; Justin Roach, OK; Jonathan Roberts, LA; Shawn Schafer, OH; Charly Seale, TX; Laurie Seale, WI; Susan Tellez, TX; Brad Thurston, IN; Curt Waldvogel, OH; Mark Walter, PA; Skip West, OK; William Wilson, KS.

**Committee Meeting: Monday–1:00-6:00pm; Ballroom E (Convention Center).**

#### Time Specific Paper

**1:30pm Bluetongue – Bluetongue and Related Orbiviruses:  
A Global Update**

Chris Oura, University of the West Indies, Trinidad

### Committee on Brucellosis

**Chair: Marty Zaluski, MT**

**Vice Chair: Tony Frazier, AL**

James Averill, MI; Bill Barton, ID; Randall Berrier, CO; Tom Bragg, NE; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Nancy Brown, KS; William Brown, KS; Beth Carlson, ND; Michael Carter, MD; Robert Cobb, GA; Michael Coe, UT; Jim Collins, GA; Walter Cook, TX; Joseph Corn, GA; Wendy Cuevas-Espidel, GA; Donald Davis, TX; Leah Dorman, OH; Mark Drew, ID; Anita Edmondson, CA; Hank Edwards, WY; Dee Ellis, TX; Philip Elzer, LA; Donald Evans, KS; Mallory Gaines, DC; Francis Galey, WY; Tam Garland, TX; Robert Gerlach, AK; Arnold Gertonson, CO; Michael Gilsdorf, MD; Linda Glaser, MN; Chelsea Good, MO; Paul Grosdidier, KS; Rod Hall, OK; William Hartmann, MN; Greg Hawkins, TX; Burke Healey, CO; Carl Heckendorf, CO; Linda Hickam, MO; Bob Hillman, ID; Bruce Hoar, WY; Dennis Hughes, NE; Noah Hull, WY; David Hunter, MT; Jamie Jonker, VA; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; John Lawrence, ME; Brad LeaMaster, OR; Eric Liska, MT; Jim Logan, WY; Laurent O'Gene Lollis, FL; Travis Lowe, MN; Christian Mackay, MT; Bret Marsh, IN; Barbara Martin, IA; Chuck Massengill, MO; Paul McGraw, WI; Eric Mohlman, NE; Ernie Morales, TX; Sherrie Nash, MT; Cheryl Nelson, KY; Dustin Oedekoven, SD; Steven Olsen, IA; Elizabeth Parker, TX; Janet Payeur, IA; William Pittenger, MO; Valerie Ragan, VA; Jennifer Ramsey, MT; Jeanne Rankin, MT; Suelee Robbe-Austerman, IA; Keith Roehr, CO; Shawn Schafer, OH; David Schmitt, IA; Brant Schumaker, WY; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Kathryn Simmons, DC; Daryl Simon, MN; Marilyn Simunich, ID; Robert Stout, KY; Nick Striegel, CO; Lee Ann Thomas, MD; Tracy Tomascik, TX; Curt Waldvogel, OH; James Watson, MS; Margaret Wild, CO; Richard Willer, HI; Kyle Wilson, TN; Thach Winslow, WY; Mary Wood, WY; Ching Ching Wu, IN; Glen Zebarth, MN.

**Committee Meeting: Monday – 1:00-6:00pm; Room 551 (Convention Center).**

**Scientific Advisory Subcommittee on Brucellosis: Sunday – 12:30-5:30pm; Room 556 (Convention Center).**

**Subcommittee on Brucellosis in the Greater Yellowstone Area: Sunday – 12:30-5:30pm; Room 556 (Convention Center).**

**Feral Swine Subcommittee on Brucellosis and Pseudorabies: Sunday – 12:30-5:30pm; Room 556 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Captive Wildlife and Alternative Livestock

**Chair: Peregrine Wolff, NV**

**Vice Chair: Julie Napier, NE**

Thomas Albert, VA; Paul Anderson, MN; James Averill, MI; Kay Backues, OK; Bill Barton, ID; Scott Bender, AZ; Warren Bluntzer, TX; Tom Bragg, NE; Rhonda Brakke, IA; Deborah Brennan, MS; Sarah Cannizzo, OR; Beth Carlson, ND; Susan Culp, TX; Donald Davis, TX; Barbara Determan, IA; Mark Drew, ID; John Fischer, GA; Nancy Frank, MI; Richard French, NH; Tam Garland, TX; Robert Gerlach, AK; Paul Gibbs, FL; Colin Gillin, OR; Michael Gilsdorf, MD; Chester Gipson, MD; Paul Grosdidier, KS; Keith Haffer, SD; Greg Hawkins, TX; Bill Hawks, DC; Kristi Henderson, IL; Terry Hensley, TX; Michael Herrin, OK; Linda Hickam, MO; Robert Hilsenroth, FL; David Hunter, MT; John Huntley, WA; Russell Iselt, TX; Donald Janssen, CA; Diane Kitchen, FL; Patrice Klein, MD; Todd Landt, IA; John Lawrence, ME; Charles Lewis, IA; Travis Lowe, MN; Mark Luedtke, MN; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; Robert Meyer, CO; Eric Mohlman, NE; Yvonne Nadler, IL; Jeffrey Nelson, IA; Sandra Norman, IN; Dustin Oedekoven, SD; Mitchell Palmer, IA; Janet Payeur, IA; William Pittenger, MO; Jewell Plumley, WV; Justin Roach, OK; Jonathan Roberts, LA; Keith Roehr, CO; Susan Rollo, TX; Shawn Schafer, OH; David Schmitt, IA; Dennis Schmitt, MO; Marc Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Daryl Simon, MN; Jonathan Sleeman, WI; David Smith, NY; Diane Stacy, LA; Kelly Straka, MO; Manoel Tamassia, NJ; Robert Temple, OH; Lee Ann Thomas, MD; Brad Thurston, IN; Jeff Turner, TX; Kathleen Turner, FL; Rick Wahlert, CO; Curt Waldvogel, OH; Ray Waters, IA; Steve Weber, CO; Skip West, OK; Ellen Wiedner, FL; Margaret Wild, CO; Kyle Wilson, TN; Nora Wineland, MO; Richard Winters, Jr., TX; Mary Wood, WY; Glen Zebarth, MN.

**Committee Meeting: Tuesday – 8:00am-12:00pm; Room 552 (Convention Center).**

### USAHA/AAVLD Committee on Diagnostic Laboratory and Veterinary Workforce Development

**Chair: Gary Anderson, KS**

John Clifford, DC; Karen Conyngham, TX; S. Peder Cuneo, AZ; Ron DeHaven, IL; James England, ID; Katherine Flynn, CA; Richard French, NH; Mallory Gaines, DC; Francis Galey, WY; Tam Garland, TX; Michael Gilsdorf, MD; Thomas Gomez, GA; William Hartmann, MN; Kristi Henderson, IL; Pamela Hullinger, CA; Annette Jones, CA; Elizabeth Lautner, IA; Randall Levings, IA; Gina Luke, DC; Andrew Maccabe, DC; Bret Marsh, IN; Barbara Martin, IA; Grant Maxie, ON; Terry McElwain, WA; Eileen Ostlund, IA; Donal O'Toole, WY; Kristy Pabilonia, CO; Lanny Pace, MS; Elizabeth Parker, TX; Jewell Plumley, WV; Barbara Powers, CO; Valerie Ragan, VA; Willie Reed, IN; M. Gatz Riddell, Jr., AL; David Scarfe, IL; Marc Schwabenlander, MN; Kathryn Simmons, DC; David Steffen, NE; Richard Willer, HI; William Wilson, KS; David Zeman, SD.

**Committee Meeting: Saturday – 3:00-7:00pm; Room 553 (Convention Center).**

### USAHA/AAVLD Committee on Environment and Toxicology

**Chair: Larry Thompson, MO**

**Vice Chair: Tim Evans, MO**

David Ailor, DC; A. Catherine Barr, TX; Adrienne Bautista, CA; Karyn Bischoff, NY; John Buchweitz, MI; Steven Ensley, IA; Michael Filigenzi, CA; Francis Galey, WY; Tam Garland, TX; Cynthia Gaskill, KY; Ramesh Gupta, KY; Kristin Haas, VT; Jeffery Hall, UT; Dwayne Hamar, CO; Brent Hoff, ON; Stephen Hooser, IN; Paula Imerman, IA; Sandra James-Yi, VA; Joe Kendall, AB; Patrice Klein, MD; Laurent O'Gene Lollis, FL; Randall Lovell, MD; Geraldine Magnin-Bissel, VA; David Meeker, VA; Mary Mengel, IN; Michelle Mostrom, ND; Gene Niles, CO; Eileen Ostlund, IA; Stephanie Ostrowski, AL; Robert Poppenga, CA; Renate Reimschuessel, MD; Wilson Rumbelha, IA; Nick Schrier, ON; Dahai Shao, IA; Lori Smith, KY; Patricia Talcott, WA; Deon Van der Merwe, KS; Christina Wilson, IN.

**Committee Meeting: Saturday – 3:30-6:30pm; Room 552 (Convention Center).**

## 2015 USAHA Committees (cont.)

### USAHA/AAVLD Committee on Food and Feed Safety

**Chair: Patrick McDonough, NY**

**Vice Chair: Craig Shultz, PA**

David Ailor, DC; Chris Ashworth, AR; James Averill, MI; Deanna Baldwin, MD; Adrienne Bautista, CA; Richard Benton, MS; Karyn Bischoff, NY; Richard Breitmeyer, CA; Deborah Brennan, MS; Dwight Bruno, NY; Beverly Byrum, OH; Jim Collins, GA; Wendy Cuevas-Espelid, GA; Glenda Davis, AZ; Ignacio dela Cruz, MP; Kathy Finnerty, MA; Mallory Gaines, DC; Tam Garland, TX; Robert Gerlach, AK; Chelsea Good, MO; Laura Goodman, NY; Jerry Heidel, OR; Douglas Hepper, CA; Joseph Hill, GA; Susanne Hinkley, NE; Christine Hoang, IL; Donald Hoenig, ME; Clyde Hoskins, SC; Danny Hughes, AR; John Huntley, WA; Doreene Hyatt, CO; Ellen Kasari, CO; Susan Keller, ND; Joe Kendall, AB; Hailu Kinde, CA; Jennifer Koeman, IA; T.R. Lansford, TX; Dale Lauer, MN; Elizabeth Lautner, IA; Arthur Layton, MT; Tsang Long Lin, IN; Laurent O'Gene Lollis, FL; Bret Marsh, IN; David Marshall, NC; Katherine McNamara, VT; David Meeker, VA; Shelley Mehlenbacher, VT; Brenda Morningstar-Shaw, IA; Nicole Neeser, MN; Gene Niles, CO; Sandra Norman, IN; Ogi Okwumabua, WI; Kenneth Olson, IL; Stephanie Ostrowski, AL; Lanny Pace, MS; Elizabeth Parker, TX; David Pyburn, IA; John Ragan, MD; Lisa Ramsey, VA; Renate Reimschuessel, MD; Grant Rezabek, OK; M. Gatz Riddell, Jr., AL; Joni Scheffel, MN; David Schmitt, IA; Kathryn Simmons, DC; Harry Snelson, NC; Stan Stromberg, OK; Larry Thompson, MO; Bob Tully, KS; Shauna Voss, MN; Liz Wagstrom, DC; Doug Waltman, GA; Robert Wills, MS; Nora Wineland, MO.

**Committee Meeting: Sunday – 1:30-5:30pm; Room 551(Convention Center).**

### Committee on Foreign and Emerging Diseases

**Chair: Tammy Beckham, KS**

**Vice Chair: Alfonso Clavijo, KS**

Helen Acland, PA; Bobby Acord, NC; Bruce Akey, TX; Gary Anderson, KS; James Averill, MI; Lyndon Badcoe, WA; Karen Beck, NC; Lisa Becton, IA; Peter Belinsky, RI; Philip Bradshaw, IL; Richard Breitmeyer, CA; Deborah Brennan, MS; Becky Brewer-Walker, AR; Charlie Broaddus, VA; Charles Brown II, WI; Bruce Carter, IA; Gregory Christy, FL; Jeein Chung, MN; Matt Cochran, TX; Joseph Corn, GA; Paula Cowen, CO; Stephen Crawford, NH; Wendy Cuevas-Espelid, GA; Susan Culp, TX; S. Peder Cuneo, AZ; Donald Davis, TX; Glenda Davis, AZ; Ignacio dela Cruz, MP; Thomas DeLiberto, CO; Leah Dorman, OH; Brandon Doss, AR; Edward Dubovi, NY; Anita Edmondson, CA; Brigid Elchos, MS; Dee Ellis, TX; Steven Ellsworth, KS; Larry Elsen, IA; Francois Elvinger, VA; Conrad Estrada, VA; Anna Claire Fagre, CO; Joshua Fine, MD; Katherine Flynn, CA; W. Kent Fowler, CA; Richard French, NH; Mallory Gaines, DC; Susan Gale, AZ; Tam Garland, TX; Cyril Gay, MD; Robert Gerlach, AK; Paul Gibbs, FL; Colin Gillin, OR; Michael Gilsdorf, MD; Linda Glaser, MN; Timothy Goldsmith, MN; Jessica Green, KS; Paul Grosdidier, KS; Percy Hawkes, UT; Greg Hawkins, TX; Terry Hensley, TX; Richard Hesse, KS; Linda Hickam, MO; Rick Hill, IA; Donald Hoenig, ME; Thomas Holt, FL; Richard Horwitz, RI; Dennis Hughes, NE; Pamela Hullinger, CA; David Hunter, MT; John Huntley, WA; Carla Huston, MS; Wei Jia, NY; Annette Jones, CA; Ellen Kasari, CO; Darlene Konkle, WI; Charlotte Krugler, SC; Elizabeth Krushinskie, DE; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; Charles Lewis, IA; Tsang Long Lin, IN; Linda Logan, TX; Pat Long, NE; Margie Lyness, GA; Janet Maass, CO; Bret Marsh, IN; David Marshall, NC; Barbara Martin, IA; Michael Martin, SC; Sarah Mason, NC; Rose Massengill, MO; Thomas McKenna, MA; Sara McReynolds, ND; David McVey, KS; David Meeker, VA; Shelley Mehlenbacher, VT; Gay Miller, IL; Janice Mogan, IA; Igor Morozov, KS; Lee Myers, GA; Thomas Myers, MD; Sherrie Nash, MT; Cheryl Nelson, KY; Sandra Norman, IN; Dustin Oedekoven, SD; Kenneth Olson, IL; Kristy Pabilonia, CO; Lanny Pace, MS; Elizabeth Parker, TX; Roger Parker, TX; William Parker, GA; Boyd Parr, SC; David Pyburn, IA; Jeanne Rankin, MT; M. Gatz Riddell, Jr., AL; Keith Roehr, CO; Susan Rollo, TX; James Roth, IA; Margaret Rush, MD; Mo Salman, CO; David Scarfe, IL; Shawn Schafer, OH; Jack Schlater, IA; David Schmitt, IA; Russell Shoberg, ME; Heather Simmons, TX; Kathryn Simmons, DC; Marilyn Simunich, ID; Jonathan Sleeman, WI; Rebecca Smith, IL; Harry Snelson, NC; Diane Stacy, LA; Nick Striegel, CO; David Suarez, GA; Manoel Tamassia, NJ; Belinda Thompson, NY; Beth Thompson, MN; John Thomson, IA; Brad Thurston, IN; Peter Timoney, KY; Sarah Tomlinson, CO; Fernando Torres-Velez, NY; Susan Trock, GA; Jeff Turner, TX; Kathleen Turner, FL; Paul Ugstad, NC; Liz Wagstrom, DC; Mark Walter, PA; Patrick Webb, IA; Steve Weber, CO; Margaret Wild, CO; Richard Willer, HI; Michelle Willette, MN; Brad Williams, TX; Ellen Mary Wilson, NM; William Wilson, KS; Richard Winters, Jr., TX; Ching Ching Wu, IN.

**Committee Meeting: Tuesday – 8:00am-5:30pm; Ballroom D (Convention Center).**



## 2015 USAHA Committees (cont.)

### Committee on Government Relations

**Chair: Boyd Parr, SC**

Stephen Crawford, NH; Barbara Determan, IA; Kristin Haas, VT; Charles Hatcher, TN; Annette Jones, CA; Bruce King, UT; Bret Marsh, IN; Boyd Parr, SC; David Schmitt, IA; Michael Short, FL; Nick Striegel, CO; Scott Stuart, CO; Manoel Tamassia, NJ.

**Committee Meeting: On Call of Chair**

### Committee on Import-Export

**Chair: Mark Engle, MO**

**Vice Chair: Robert Blomme, IA**

Bobby Acord, NC; Joyce Bowling-Heyward, MD; Charles Brown II, WI; Stan Bruntz, CO; Jess Burner, TX; Bruce Carter, IA; Ignacio dela Cruz, MP; Larry Elsen, IA; William Fales, MO; Katherine Flynn, CA; Mallory Gaines, DC; Julie Gard, AL; Donna Gatewood, IA; Paul Gibbs, FL; Chester Gipson, MD; Tony Good, OH; Kristin Haas, VT; Percy Hawkes, UT; Rick Hill, IA; Robert Hilsenroth, FL; Donald Hoenig, ME; Marv Jahde, KS; Annette Jones, CA; Elizabeth Lautner, IA; Travis Lowe, MN; Kevin Maher, IA; Brittany McCauslin, CO; David Meeke, VA; Gay Miller, IL; Eric Mohlman, NE; Sandra Norman, IN; Elizabeth Parker, TX; William Pittenger, MO; Herbert Richards, HI; Paul Rodgers, WV; David Scarfe, IL; Travis Schaal, IA; Shawn Schafer, OH; Charly Seale, TX; Laurie Seale, WI; Sheryl Shaw, WI; Kathryn Simmons, DC; Susan Tellez, TX; Peter Timoney, KY; Alberto Torres, AR; Paul Ugstad, NC; Charles Vail, CO; Mark Walter, PA; James Watson, MS; Patrick Webb, IA; Roger Weigle, WI; Brad Williams, TX; Mary Anne Williams, TX; Ellen Mary Wilson, NM; William Wilson, KS; David Winters, TX; Richard Winters, Jr., TX; Cindy Wolf, MN.

**Committee Meeting: Sunday, 12:30-5:30pm; Ballroom C (Convention Center).**

### Committee on Infectious Diseases of Cattle, Bison and Camelids

**Chair: Chuck Massengill, MO**

**Vice Chair: Pat Long, NE**

Helen Acland, PA; Chris Ashworth, AR; Danelle Bickett-Weddle, IA; Charlie Broadus, VA; Charles Brown II, WI; Beth Carlson, ND; Karen Conyngham, TX; Stephen Crawford, NH; Lewis Dinges, TX; Edward Dubovi, NY; William Edmiston, TX; Anita Edmondson, CA; Adam Eichelberger, SC; James England, ID; James Evermann, WA; W. Kent Fowler, CA; Robert Fulton, OK; Donna Gatewood, IA; Timothy Goldsmith, MN; Michael Greenlee, NV; Keith Haffer, SD; Thomas Hairgrove, TX; Rod Hall, OK; Timothy Hanosh, NM; Percy Hawkes, UT; Carl Heckendorf, CO; Linda Hickam, MO; Dennis Hughes, NE; David Hunter, MT; Annette Jones, CA; Paul Jones, AL; Bruce King, UT; Diane Kitchen, FL; Randall Larson, IA; John Lawrence, ME; James Leafstedt, SD; Scott Leible, ID; Rick Linscott, ME; Coleman Locke, TX; Janet Maass, CO; Patrick McDonough, NY; Shelley Mehlenbacher, VT; Emily Meredith, VA; Mendel Miller, SD; Richard Mock, NC; Igor Morozov, KS; Cheryl Nelson, KY; Kathleen Orloski, CO; Jewell Plumley, WV; Jeanne Rankin, MT; Grant Rezabek, OK; Herbert Richards, HI; Julia Ridpath, IA; Jonathan Roberts, LA; Keith Roehr, CO; Michael Sanderson, KS; Kathryn Simmons, DC; Ben Smith, WA; Justin Smith, KS; Nick Striegel, CO; Manoel Tamassia, NJ; Susan Tellez, TX; Robert Temple, OH; Brad Williams, TX; Ellen Mary Wilson, NM; William Wilson, KS.

**Committee Meeting: Sunday – 12:30-5:30pm; Room 557 (Convention Center).**

### Committee on Infectious Diseases of Horses

**Chair: Andy Schwartz, TX**

**Vice Chair: Katherine Flynn, CA**

Helen Acland, PA; Sara Ahola, CO; Joyce Bowling-Heyward, MD; Becky Brewer-Walker, AR; Charlie Broadus, VA; Stan Bruntz, CO; Craig Carter, KY; Stephen Crawford, NH; Wendy Cuevas-Espelid, GA; Glenda Davis, AZ; Brandon Doss, AR; Edward Dubovi, NY; Adam Eichelberger, SC; Dee Ellis, TX; Edward 'Rusty' Ford, KY; W. Kent Fowler, CA; Tony Frazier, AL; Robert Gerlach, AK; Paul Gibbs, FL; Nita Grause, IA; Michael Greenlee, NV; Kristin Haas, VT; Rod Hall, OK; Steven Halstead, MI; Timothy Hanosh, NM; Greg Hawkins, TX; Carl Heckendorf, CO; Terry Hensley, TX; Michael Herrin, OK; Marv Jahde, KS; Bruce King, UT; Don Knowles, WA; T.R. Lansford, TX; Donald Lein, NY; Charles Lewis, IA; Mary Lis, CT; Kevin Maher, IA; Scott Marshall, RI; Patrick McDonough, NY; Linda Mittel, NY; Kenton Morgan, MO; Lee Myers, GA; Cheryl Nelson, KY; Jeffrey Nelson, IA; Sandra Norman, IN; Eileen Ostlund, IA; Boyd Parr, SC; Jewell Plumley, WV; Jeanne Rankin, MT; Grant Rezabek, OK; Jonathan

## 2015 USAHA Committees (cont.)

Roberts, LA; Keith Roehr, CO; Dennis Schmitt, MO; Michael Short, FL; Marilyn Simunich, ID; David Smith, NY; Justin Smith, KS; Diane Stacy, LA; Robert Stout, KY; Tahnee Szymanski, MT; Manoel Tamassia, NJ; Peter Timoney, KY; Josie Traub-Dargatz, CO; Susan Trock, GA; Jeff Turner, TX; Charles Vail, CO; James Watson, MS; Ellen Mary Wilson, NM; Ernest Zirkle, NJ.

**Committee Meeting: Monday - 1:00-6:00pm; Room 555 (Convention Center).**

### Time Specific Paper

**3:15pm Epizootic Lymphangitis: potential threat of a disease of considerable veterinary and economic significance**

Peter J. Timoney, University of Kentucky

### Committee on International Standards

**Chair: William Hartmann, MN**

**Vice Chair: Mo Salman, CO**

**Vice Chair: Linda Glaser, MN**

Stan Bruntz, CO; Jeein Chung, MN; John Clifford, DC; Karen Conyngham, TX; Michael David, MD; Ron DeHaven, IL; Larry Elsen, IA; Conrad Estrada, VA; Anna Claire Fagre, CO; John Fischer, GA; Mallory Gaines, DC; Jane Galyon, IA; Cyril Gay, MD; Paul Gibbs, FL; Gail Golab, IL; Keith Haffer, SD; Percy Hawkes, UT; Rick Hill, IA; Donald Hoenig, ME; Annette Jones, CA; Susan Keller, ND; Bruce King, UT; Elizabeth Lautner, IA; Randall Levings, IA; Linda Logan, TX; Kevin Maher, IA; Bret Marsh, IN; Shirley McKenzie, NC; Sara McReynolds, ND; Emily Meredith, VA; Jamie Ng, NY; Kenneth Olson, IL; Elizabeth Parker, TX; John Ragan, MD; Herbert Richards, HI; James Roth, IA; David Scarfe, IL; Katherine Schuhmacher, NY; Sheryl Shaw, WI; Heather Simmons, TX; Kathryn Simmons, DC; Jonathan Sleeman, WI; Matthew Stone, NZ; Manoel Tamassia, NJ; Susan Tellez, TX; Peter Timoney, KY; Steve Weber, CO; Richard Willer, HI; Mary Anne Williams, TX; Nora Wineland, MO.

**Committee Meeting: Monday – 1:00-6:00pm; Room 554 (Convention Center).**

### Time Specific Paper

**2:00pm - Impact of trade negotiations on agriculture trade**

Sharon Bomer – Assistant Trade Representative for Agriculture, USTR

### Committee on Johne's Disease

**Chair: David Smith, NY**

Bruce Addison, MO; Paul Anderson, MN; Richard Breitmeyer, CA; Charles Brown II, WI; Todd Byrem, MI; Michael Collins, WI; Stephen Crawford, NH; Ria de Grassi, CA; Anita Edmondson, CA; William Fales, MO; Kathy Finnerty, MA; Keith Forbes, NV; Mallory Gaines, DC; Robert Gerlach, AK; Stephane Guillossou, NJ; William Hartmann, MN; Linda Hickam, MO; Donald Hoenig, ME; David Hunter, MT; Carla Huston, MS; Marv Jahde, KS; Annette Jones, CA; Jamie Jonker, VA; Susan Keller, ND; Gerald Kitto, ND; John Lawrence, ME; Donald Lein, NY; Tsang Long Lin, IN; Mary Lis, CT; Laurent O'Gene Lollis, FL; Travis Lowe, MN; Chuck Massengill, MO; Jay Mattison, WI; Sara McReynolds, ND; Antone Mickelson, WA; Eric Mohlman, NE; Jeffrey Nelson, IA; Dustin Oedekoven, SD; Kenneth Olson, IL; Lanny Pace, MS; Elizabeth Parker, TX; Boyd Parr, SC; Elisabeth Patton, WI; Janet Payeur, IA; Kris Petrini, MN; Jewell Plumley, WV; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Allen Rousset, Jr., TX; Patricia Scharok, SC; Andy Schwartz, TX; Kathryn Simmons, DC; Marilyn Simunich, ID; Shri Singh, KY; Julie Smith, VT; Rebecca Smith, IL; Scott Stuart, CO; Tahnee Szymanski, MT; Robert Temple, OH; Brad Thurston, IN; James Watson, MS; Robert Whitlock, PA; Ching Ching Wu, IN.

**Committee Meeting: Sunday - 12:30-5:30pm; Room 554 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Livestock Identification

**Chair: William Brown, KS**

**Vice Chair: Kevin Maher, IA**

Sara Ahola, CO; Marianne Ash, IN; James Averill, MI; Rich Baca, CO; Bill Barton, ID; Karen Beck, NC; Richard Breitmeyer, CA; Paul Brennan, IN; Becky Brewer-Walker, AR; Charlie Broadus, VA; Nancy Brown, KS; Jess Burner, TX; Alan Clark, WI; Robert Cobb, GA; Matt Cochran, TX; Michael Coe, UT; Jim Collins, GA; Karen Conyngham, TX; Susan Culp, TX; Kristi Doll, ND; Brandon Doss, AR; Anita Edmondson, CA; Adam Eichelberger, SC; James England, ID; Kathy Finnerty, MA; Glenn Fischer, TX; Tony Forshey, OH; Robert Fourdraine, WI; W. Kent Fowler, CA; Tony Frazier, AL; Mallory Gaines, DC; Chelsea Good, MO; Tony Good, OH; Alicia Gorczyca-Southerland, OK; Michael Greenlee, NV; Rod Hall, OK; Steven Halstead, MI; Neil Hammerschmidt, MD; William Hartmann, MN; Nephi Harvey, UT; Greg Hawkins, TX; Bill Hawks, DC; Burke Healey, CO; David Hecimovich, WA; Carl Heckendorf, CO; Julie Helm, SC; Kristi Henderson, IL; Warren Hess, UT; Linda Hickam, MO; Bob Hillman, ID; Donald Hoenig, ME; Joseph Huff, CO; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Marv Jahde, KS; Regina Jensen, DE; Jamie Jonker, VA; Susan Keller, ND; Bradley Keough, KY; Bruce King, UT; Diane Kitchen, FL; Gerald Kitto, ND; Eileen Kuhlmann, MN; T.R. Lansford, TX; James Leafstedt, SD; Brad LeaMaster, OR; Mary Lis, CT; Jim Logan, WY; Laurent O'Gene Lollis, FL; Bret Marsh, IN; Stu Marsh, AZ; David Marshall, NC; Michael Martin, SC; Rose Massengill, MO; Jay Mattison, WI; Paul McGraw, WI; Thomas McKenna, MA; Sara McReynolds, ND; Shelley Mehlenbacher, VT; Emily Meredith, VA; Mendel Miller, SD; Ronald Miller, PA; Ernie Morales, TX; Louis Neuder, MI; Kenneth Olson, IL; Greg Onstott, MO; Elizabeth Parker, TX; Boyd Parr, SC; John Picanso, MD; William Pittenger, MO; Jewell Plumley, WV; Barbara Porter-Spalding, NC; John Ragan, MD; Valerie Ragan, VA; Jeanne Rankin, MT; Justin Roach, OK; Keith Roehr, CO; Susan Rollo, TX; David Scarfe, IL; Shawn Schafer, OH; David Schmitt, IA; Stacey Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Mark Shaw, TX; Craig Shultz, PA; Richard Sibbel, IA; Kathryn Simmons, DC; David Smith, NY; Diane Stacy, LA; Robert Stout, KY; Nick Striegel, CO; Scott Stuart, CO; Tahnee Szymanski, MT; Manoel Tamassia, NJ; Beth Thompson, MN; Tracy Tomascik, TX; Jeff Turner, TX; Victor Velez, CA; Rick Wahler, CO; Mark Walter, PA; James Watson, MS; Patrick Webb, IA; Richard Wilkes, VA; Kyle Wilson, TN; Ross Wilson, TX; Thach Winslow, WY; David Winters, TX; Cindy Wolf, MN; Marty Zaluski, MT; Glen Zeparth, MN; Ernest Zirkle, NJ.

**Committee Meeting: Tuesday – 8:00am-12:00pm; Ballroom B (Convention Center).**

#### Time Specific Paper

**9:30–10:00am Committee on Livestock Identification:  
National Survey results - CVI and ADT compliance -  
via State ADT Coordinators and State Veterinarians- (one per state)**

Kendra Frasier, Kansas Dept. of Agriculture

### USAHA/AAVLD Committee on NAHLN

**Chair: Barbara Powers, CO**

**Vice Chair: Harry Snelson, NC**

Helen Acland, PA; John Adaska, CA; Bruce Akey, TX; Gary Anderson, KS; A. Catherine Barr, TX; Bill Barton, ID; Tim Baszler, WA; Tammy Beckham, KS; Steven Bolin, MI; Richard Breitmeyer, CA; James Britt, AR; Sandra Bushmich, CT; Beverly Byrum, OH; Craig Carter, KY; Estela Cornaglia, QC; Marie Culhane, MN; Barbara Determan, IA; Edward Dubovi, NY; François Elvinger, VA; Mallory Gaines, DC; Joseph Garvin, VA; Patrick Halbur, IA; Steven Halstead, MI; Timothy Hanosh, NM; Bob Hillman, ID; Stephen Hooser, IN; Pamela Hullinger, CA; Marv Jahde, KS; Bill Johnson, OK; Jim Kistler, FL; Elizabeth Lautner, IA; Randall Levings, IA; Christina Loiacono, IA; Rodger Main, IA; David Marshall, NC; Barbara Martin, IA; Terry McElwain, WA; Michael McIntosh, NY; Thomas McKenna, MA; Rey Molina, TX; Igor Morozov, KS; Thomas Mullaney, MI; Dustin Oedekoven, SD; Claudia Osorio, MD; Kristy Pabillon, CO; Lanny Pace, MS; Elizabeth Parker, TX; Roger Parker, TX; Amar Patil, NJ; Jewell Plumley, WV; Robert Poppenga, CA; M. Gatz Riddell, Jr., AL; Keith Roehr, CO; Jeremiah Saliki, GA; Kathryn Simmons, DC; Marilyn Simunich, ID; Wendy Stensland, IA; Deepanker Tewari, PA; Sarah Tomlinson, CO; David Zeman, SD.

**Committee Meeting: Sunday -12:00-3:00pm; Room 550 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Nominations and Resolutions

**Chair: Stephen Crawford, NH**

J Lee Alley, AL; Phil Bradshaw, IL; Richard Breitmeyer, CA; Jones Bryan, SC; Stephen Crawford, NH; Joe Finley, TX; Thomas Hagerty, MN; Steven Halstead, MI; Bob Hillman, ID; Donald Hoenig, ME; Maxwell Lea, Jr., LA; James Leafstedt, SD; Donald Lein, NY; Bret Marsh, IN; David Marshall, NC; Michael Marshall, UT; Richard McCapes, CA; David Meeker, VA; Lee Myers, GA; John Ragan, MD; Glenn Rea, OR; Michael Short, FL; Nick Striegel, CO; Scott Stuart, CO; Manoel Tamassia, NJ; H. Wesley Towers, DE; Max Van Buskirk, PA; Richard Willer, HI; Larry Williams, NE; Ernest Zirkle, NJ.

**Committee Meeting: On Call of Chair.**

### Committee on Parasitic Diseases

**Chair: Dee Ellis, TX**

**Vice Chair: David Winters, TX**

Gary Anderson, KS; Bethany Bradford, VI; Matt Cochran, TX; Karen Conyngham, TX; Joseph Corn, GA; Lynn Creekmore, CO; Susan Culp, TX; Mark Davidson, MD; Barbara Determan, IA; Anita Edmondson, CA; Katherine Flynn, CA; Chester Gipson, MD; Nita Grause, IA; Thomas Hairgrove, TX; Greg Hawkins, TX; Carl Heckendorf, CO; Terry Hensley, TX; Linda Hickam, MO; Bob Hillman, ID; Thomas Holt, FL; Russell Iselt, TX; Charlotte Krugler, SC; T.R. Lansford, TX; Charles Lewis, IA; Linda Logan, TX; Travis Lowe, MN; David Marshall, NC; Chuck Massengill, MO; Terry McElwain, WA; Daniel Mead, GA; Eric Mohlman, NE; Ernie Morales, TX; Elizabeth Parker, TX; Boyd Parr, SC; David Pyburn, IA; Keith Roehr, CO; Shawn Schafer, OH; Jack Schlater, IA; Andy Schwartz, TX; Charly Seale, TX; Michael Short, FL; David Smith, NY; Robert Stout, KY; Manoel Tamassia, NJ; Tracy Tomascik, TX; Paul Ugstad, NC; James Watson, MS.

**Committee Meeting: Wednesday - 8:00am-12:00pm; Room 551 (Convention Center).**

### Committee on Pharmaceuticals

**Chair: Liz Wagstrom, DC**

**Vice Chair: Timothy Goldsmith, MN**

James Averill, MI; Tom Burkgren, IA; Stephen Crawford, NH; Barbara Determan, IA; William Fales, MO; Kristi Henderson, IL; Rick Hill, IA; Christine Hoang, IL; Donald Hoenig, ME; Jennifer Koeman, IA; David Marshall, NC; Shelley Mehlenbacher, VT; M. Gatz Riddell, Jr., AL; Craig Shultz, PA; Brad Williams, TX; Ellen Mary Wilson, NM.

**Committee Meeting: Tuesday - 8:00am-12:00pm; Room 551 (Convention Center).**

### Committee on Program

**Chair: David Schmitt, IA**

Gary Anderson, KS; Tammy Beckham, KS; William Brown, KS; Stephen Crawford, NH; Tarrie Crnic, KS; Marie Culhane, MN; Barbara Determan, IA; Dee Ellis, TX; Mark Engle, MO; Donna Gatewood, IA; Paul Gibbs, FL; Colin Gillin, OR; William Hartmann, MN; Kristin Haas, VT; Amy Hendrickson, WY; Annette Jones, CA; Lester Khoo, MS; Bruce King, UT; Dale Lauer, MN; Chuck Massengill, MO; Patrick McDonough, NY; Dustin Oedekoven, SD; Boyd Parr, SC; Kris Petri, MN; Barbara Powers, CO; David Schmitt, IA; Andy Schwartz, TX; Heather Simmons, TX; David Smith, NY; Harry Snelson, NC; Belinda Thompson, NY; Larry Thompson, MO; Liz Wagstrom, DC; Doug Waltman, GA; Peregrine Wolff, NV; Marty Zaluski, MT.

**Committee Meeting: Saturday - 6:00-8:30pm; Newport/Washington (Omni Hotel 3rd Level).**

## 2015 USAHA Committees (cont.)

### Committee on Public Health and Rabies

**Chair: Tarrie Crnic, KS**

**Vice Chair: Ernest Oertli, TX**

Helen Acland, PA; Gary Anderson, KS; Karen Becker, DC; Scott Bender, AZ; Joseph Corn, GA; Stephen Crawford, NH; Susan Culp, TX; Donald Davis, TX; Ignacio dela Cruz, MP; Thomas DeLiberto, CO; Brigid Elchos, MS; François Elvinger, VA; Anna Claire Fagre, CO; Katherine Flynn, CA; Nancy Frank, MI; Donna Gatewood, IA; Robert Gerlach, AK; Keith Haffer, SD; Steven Halstead, MI; Bill Hawks, DC; Rick Hill, IA; Christine Hoang, IL; Donald Hoenig, ME; Regina Jensen, DE; Patrice Klein, MD; Jennifer Koeman, IA; Daniel Kovich, DC; Donald Lein, NY; Charles Lewis, IA; Mary Lis, CT; Margie Lyness, GA; Joanne Maki, GA; Rose Massengill, MO; Patrick McDonough, NY; Shirley McKenzie, NZ; David Meekeer, VA; Lee Myers, GA; Cheryl Nelson, KY; Sandra Norman, IN; Roger Parker, TX; William Parker, GA; Kris Petrini, MN; Jewell Plumley, WV; Susan Rollo, TX; Joni Scheffel, MN; Marc Schwabenlander, MN; Stacey Schwabenlander, MN; Michael Short, FL; Tom Sidwa, TX; Marilyn Simunich, ID; Jonathan Sleeman, WI; Nick Striegel, CO; Tahnee Szymanski, MT; Manoel Tamassia, NJ; Belinda Thompson, NY; Brad Thurston, IN; Jeff Turner, TX; Liz Wagstrom, DC; Michele Walsh, ME; Steve Weber, CO; Margaret Wild, CO; Michelle Willette, MN; Nora Wineland, MO.

**Committee Meeting: Tuesday – 1:00-5:30pm; Room 555 (Convention Center).**

### Committee on Salmonella

**Chair: Doug Waltman, GA**

**Vice Chair: Richard Sellers, VA**

David Ailor, DC; Chris Ashworth, AR; Deanna Baldwin, MD; Karen Becker, DC; Richard Breitmeyer, CA; Paul Brennan, IN; Dwight Bruno, NY; Brandon Doss, AR; François Elvinger, VA; Tony Frazier, AL; Mallory Gaines, DC; Eric Gingerich, IN; Jean Guard, GA; Scott Gustin, AR; Julie Helm, SC; Danny Hughes, AR; Eric Jensen, AL; Annette Jones, CA; Donna Kelly, PA; Jennifer Koeman, IA; Michael Kopp, IN; Elizabeth Krushinskie, DE; Dale Lauer, MN; Elizabeth Lautner, IA; Chelsie Lawyer, IN; Tsang Long Lin, IN; Rick Linscott, ME; Sarah Mason, NC; Patrick McDonough, NY; David Meekeer, VA; Sarah Mize, CA; Alfred Montgomery, DC; Thomas Myers, MD; Steve Olson, MN; Kristy Pabilonia, CO; William Pittenger, MO; G. Donald Ritter, DE; Susan Rollo, TX; A. Gregorio Rosales, AL; Travis Schaal, IA; Joni Scheffel, MN; Tom Sidwa, TX; John Smith, GA; Patricia Stonger, WI; Belinda Thompson, NY; Alberto Torres, AR; Bob Tully, KS; Shauna Voss, MN; Liz Wagstrom, DC; Nora Wineland, MO; Ching Ching Wu, IN; Andrea Zedek, SC; Bereket Zekarias, KS.

**Committee Meeting: Tuesday - 8:00-12:00pm; Room 555 (Convention Center).**

### Committee on Scrapie

**Chair: Kris Petrini, MN**

**Vice Chair: Cheryl Miller, IN**

James Averill, MI; Scott Bender, AZ; Deborah Brennan, MS; Minden Buswell, WA; Beth Carlson, ND; John Clifford, DC; Walter Cook, TX; Stephen Crawford, NH; Susan Culp, TX; Ignacio dela Cruz, MP; William Edmiston, TX; Anita Edmondson, CA; Dee Ellis, TX; Keith Forbes, NV; Larry Forgey, MO; Michael Gilsdorf, MD; William Hartmann, MN; Carl Heckendorf, CO; Amy Hendrickson, WV; Russell Iselt, TX; Paul Jones, AL; Susan Keller, ND; Eileen Kuhlmann, MN; James Leafstedt, SD; Mary Lis, CT; Jim Logan, WY; Shirley McKenzie, NC; Ronald Miller, PA; Elisabeth Patton, WI; Jewell Plumley, WV; Justin Roach, OK; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Susan Rollo, TX; Joan Dean Rowe, CA; Ben Smith, WA; Scott Stuart, CO; Diane Sutton, MD; Manoel Tamassia, NJ; Jeff Turner, TX; Stephen White, WA; Nora Wineland, MO; David Winters, TX; Cindy Wolf, MN.

**Committee Meeting: Tuesday – 9:00am-12:00pm; Room 553 (Convention Center).**

**National Scrapie Oversight Board - Tuesday – 8:00-9:00am; Room 553 (Convention Center).**

#### Time Specific Paper

**10:50-11:30am Committee on Scrapie: Review and Discussion of newly published revisions to scrapie rules 9 CFR, parts 54 and 79**

Diane Sutton, USDA-APHIS-VS-NSVL

## 2015 USAHA Committees (cont.)

### Committee on Sheep and Goats

**Chair: Amy Hendrickson, WY**

**Vice Chair: Maggie Highland, WA**

Scott Bender, AZ; Deborah Brennan, MS; John Clifford, DC; Walter Cook, TX; Stephen Crawford, NH; William Edmiston, TX; Chester Gipson, MD; Joseph Huff, CO; Paul Jones, AL; Don Knowles, WA; Eileen Kuhlmann, MN; James Leafstedt, SD; Mary Lis, CT; Jim Logan, WY; Linda Logan, TX; David Marshall, NC; Chuck Massengill, MO; Cheryl Miller, IN; Ronald Miller, PA; Jeffrey Nelson, IA; Kris Petrini, MN; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Joan Dean Rowe, CA; Mo Salman, CO; David Scarfe, IL; Diane Sutton, MD; Stephen White, WA; Margaret Wild, CO; Ellen Mary Wilson, NM; William Wilson, KS; Nora Wineland, MO; David Winters, TX; Cindy Wolf, MN.

**Committee Meeting: Tuesday – 1:00-5:30pm; Room 551 (Convention Center).**

### Committee on Transmissible Diseases of Poultry and Other Avian Species

**Chair: Dale Lauer, MN**

**Vice Chair: Sarah Mason, NC**

Bruce Akey, TX; Lyndon Badcoe, WA; Deanna Baldwin, MD; Richard Breitmeyer, CA; Deborah Brennan, MS; Paul Brennan, IN; Steven Clark, NC; Robert Cobb, GA; Stephen Crawford, NH; Tarrie Crnic, KS; Susan Culp, TX; Thomas DeLiberto, CO; Brandon Doss, AR; John Dunn, MI; Brigid Elchos, MS; Naola Ferguson-Noel, GA; Larry Forgey, MO; Tony Forshey, OH; Nancy Frank, MI; Tony Frazier, AL; Isabel Gimeno, NC; Eric Gingerich, IN; John Glisson, GA; Tanya Graham, SD; James Grimm, TX; Paul Grosdidier, KS; Scott Gustin, AR; Steven Halstead, MI; William Hartmann, MN; Julie Helm, SC; Michael Herrin, OK; Linda Hickam, MO; Heather Hirst, DE; Donald Hoenig, ME; Guy Hohenhaus, MD; Danny Hughes, AR; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Mark Jackwood, GA; Jarra Jagne, NY; Eric Jensen, AL; Annette Jones, CA; Donna Kelly, PA; Bradley Keough, KY; Bruce King, UT; Michael Kopp, IN; Elizabeth Krushinskie, DE; Elizabeth Lautner, IA; Chelsie Lawyer, IN; Randall Levings, IA; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Mary Lis, CT; David Marshall, NC; Rose Massengill, MO; Sara McReynolds, ND; Shelley Mehlenbacher, VT; Gay Miller, IL; Sarah Mize, CA; Lee Myers, GA; Thomas Myers, MD; Jamie Ng, NY; Steve Olson, MN; Kristy Pabilonia, CO; Mary Pantin-Jackwood, GA; Boyd Parr, SC; William Pittenger, MO; Jewell Plumley, WV; Willie Reed, IN; G. Donald Ritter, DE; Keith Roehr, CO; Susan Rollo, TX; A. Gregorio Rosales, AL; Yuko Sato, IN; Travis Schaal, IA; David Schmitt, IA; Andy Schwartz, TX; Sheryl Shaw, WI; Marilyn Simunich, ID; John Smith, GA; Diane Stacy, LA; Patricia Stonger, WI; Darrel Styles, MD; David Suarez, GA; Manoel Tamassia, NJ; Alberto Torres, AR; Susana Trock, GA; Shauna Voss, MN; Doug Waltman, GA; James Watson, MS; Steve Weber, CO; Richard Wilkes, VA; Ching Ching Wu, IN; Andrea Zedek, SC; Bereket Zekarias, KS; Ernest Zirkle, NJ.

**Committee Meeting: Monday - 1:00-6:00pm; Room 552 (Convention Center).**

**Tuesday - 1:00-5:30pm; Room 552 (Convention Center).**

### Committee on Transmissible Diseases of Swine

**Chair: Harry Snelson, NC**

**Vice Chair: Lisa Becton, IA**

Bobby Acord, NC; Gary Anderson, KS; Paul Anderson, MN; Marianne Ash, IN; Karen Beck, NC; Robert Blomme, IA; Philip Bradshaw, IL; Becky Brewer-Walker, AR; Nancy Brown, KS; Tom Burkgren, IA; Robert Cobb, GA; Jim Collins, MN; Joseph Corn, GA; Thomas DeLiberto, CO; Dee Ellis, TX; Mark Engle, MO; Tony Forshey, OH; Nancy Frank, MI; Donna Gatewood, IA; Cyril Gay, MD; Michael Gilsdorf, MD; Timothy Goldsmith, MN; Larry Granger, CO; Patrick Halbur, IA; Rod Hall, OK; Steven Halstead, MI; William Hartmann, MN; Greg Hawkins, TX; Michael Herrin, OK; Richard Hesse, KS; Sam Hines, MI; Russell Iselt, TX; Regina Jensen, DE; Jeffrey Kaisand, IA; Ellen Kasari, CO; Marcus Kehrl, Jr., IA; Jennifer Koeman, IA; Charlotte Krugler, SC; Elizabeth Lautner, IA; James Leafstedt, SD; Donald Lein, NY; Tsang Long Lin, IN; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; Paul McGraw, WI; Gay Miller, IL; Richard Mock, NC; Jerome Niefeld, KS; Sandra Norman, IN; Dustin Oedekoven, SD; Kris Petrini, MN; Barbara Porter-Spalding, NC; David Pyburn, IA; Susan Rollo, TX; James Roth, IA; Mo Salman, CO; Joni Scheffel, MN; David Schmitt, IA; Richard Sibbel, IA; Brad Thacker, MD; Lee Ann Thomas, MD; Beth Thompson, MN; Sarah Tomlinson, CO; Susan Trock, GA; Paul Ugstad, NC; Liz Wagstrom, DC; Patrick Webb, IA; Margaret Wild, CO; Ellen Mary Wilson, NM; Nora Wineland, MO.

**Committee Meeting: Monday – 1:00-6:00pm; Room 556 (Convention Center).**

## 2015 USAHA Committees (cont.)

### Committee on Tuberculosis

**Chair: Dustin Oedekoven, SD**

**Vice Chair: Beth Thompson, MN**

Sara Ahola, CO; Bruce Akey, TX; James Averill, MI; Kay Backues, OK; Bill Barton, ID; Peter Belinsky, RI; Warren Bluntzer, TX; Steven Bolin, MI; Joyce Bowling-Heyward, MD; Rhonda Brakke, IA; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Charlie Broaddus, VA; William Brown, KS; Charles Brown II, WI; Jess Burner, TX; John Clifford, DC; Robert Cobb, GA; Michael Coe, UT; Jim Collins, GA; Kathleen Connell, WA; Walter Cook, TX; Susan Culp, TX; Donald Davis, TX; Thomas DeLiberto, CO; Jere Dick, MD; Leah Dorman, OH; Brandon Doss, AR; Anita Edmondson, CA; Dee Ellis, TX; Donald Evans, KS; John Fischer, GA; W. Kent Fowler, CA; Nancy Frank, MI; Mallory Gaines, DC; Tam Garland, TX; Robert Gerlach, AK; Colin Gillin, OR; Michael Gilsdorf, MD; Linda Glaser, MN; Chelsea Good, MO; Michael Greenlee, NV; Paul Grosdidier, KS; Stephane Guillossou, NJ; Rod Hall, OK; Steven Halstead, MI; Noel Harrington, ON; William Hartmann, MN; Greg Hawkins, TX; Carl Heckendorf, CO; Terry Hensley, TX; Linda Hickam, MO; Rick Hill, IA; Bob Hillman, ID; Christine Hoang, IL; Donald Hoenig, ME; Thomas Holt, FL; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Jamie Jonker, VA; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; Patrice Klein, MD; Todd Landt, IA; T.R. Lansford, TX; John Lawrence, ME; Tsang Long Lin, IN; Rick Linscott, ME; Travis Lowe, MN; Bret Marsh, IN; Chuck Massengill, MO; Paul McGraw, WI; Robert Meyer, CO; Eric Mohlman, NE; Ernie Morales, TX; Julie Napier, NE; Sherrie Nash, MT; Cheryl Nelson, KY; Jeffrey Nelson, IA; Louis Neuder, MI; Kenneth Olson, IL; Mitchell Palmer, IA; Elizabeth Parker, TX; Boyd Parr, SC; Elisabeth Patton, WI; Janet Payeur, IA; Kris Petrini, MN; Alex Raeber, ZURICH; John Ragsdale, NM; Jeanne Rankin, MT; M. Gatz Riddell, Jr., AL; Suelee Robbe-Austerman, IA; Keith Roehr, CO; Susan Rollo, TX; Mo Salman, CO; Shawn Schafer, OH; Joni Scheffel, MN; David Schmitt, IA; Dennis Schmitt, MO; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Craig Shultz, PA; Kathryn Simmons, DC; Daryl Simon, MN; Rebecca Smith, IL; Nick Striegel, CO; Tyler Thacker, IA; Lee Ann Thomas, MD; Tracy Tomascik, TX; Darren Turley, TX; Paul Ugstad, NC; Curt Waldvogel, OH; Mark Walter, PA; Ray Waters, IA; Ellen Wiedner, FL; Richard Willer, HI; Brad Williams, TX; Ellen Mary Wilson, NM; Kyle Wilson, TN; Ross Wilson, TX; Nora Wineland, MO; David Winters, TX; Ching Ching Wu, IN; Marty Zaluski, MT; Glen Zebarth, MN.

**Committee Meeting: Tuesday - 1:00-5:30pm; Ballroom B (Convention Center)**

**Committee on Tuberculosis Scientific Advisory Subcommittee – Monday - 1:00-6:00pm; Room 550 (Convention Center).**

#### Time specific Paper

#### 2:30pm Performance of Real Time PCR in bovine TB Slaughter Surveillance

Kevin Stokes, USDA-APHIS-VS-NVSL

## 2015 USAHA Committees (cont.)

### Committee on Wildlife Diseases

**Chair: Colin Gillin, OR**

**Vice Chair: Peregrine Wolff, NV**

Gary Anderson, KS; Paul Anderson, MN; Karen Beck, NC; Scott Bender, AZ; Warren Bluntzer, TX; Tom Bragg, NE; Rhonda Brakke, IA; Dwight Bruno, NY; Beth Carlson, ND; Matt Cochran, TX; Walter Cook, TX; Joseph Corn, GA; Susan Culp, TX; Thomas DeLiberto, CO; Barbara Determan, IA; Mark Drew, ID; James Evermann, WA; Anna Claire Fagre, CO; John Fischer, GA; Richard French, NH; Francis Galey, WY; Tam Garland, TX; Donna Gatewood, IA; Robert Gerlach, AK; Paul Gibbs, FL; Linda Glaser, MN; Paul Grosdidier, KS; Greg Hawkins, TX; Kristi Henderson, IL; Terry Hensley, TX; Linda Hickam, MO; Robert Hilsenroth, FL; Donald Hoenig, ME; Dennis Hughes, NE; David Hunter, MT; Susan Keller, ND; Diane Kitchen, FL; Patrice Klein, MD; Todd Landt, IA; T.R. Lansford, TX; Charles Lewis, IA; Tsang Long Lin, IN; Jim Logan, WY; Linda Logan, TX; Travis Lowe, MN; Mark Luedtke, MN; Margie Lyness, GA; David Marshall, NC; Chuck Massengill, MO; Daniel Mead, GA; Robert Meyer, CO; Myrna Miller, WY; Eric Mohlman, NE; Yvonne Nadler, IL; Julie Napier, NE; Cheryl Nelson, KY; Mitchell Palmer, IA; William Parker, GA; William Pittenger, MO; Jewell Plumley, WV; Kate Purple, TN; Jennifer Ramsey, MT; Jack Rhyan, CO; Justin Roach, OK; Jonathan Roberts, LA; Shawn Schafer, OH; David Schmitt, IA; Dennis Schmitt, MO; Brant Schumaker, WY; Marc Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Daryl Simon, MN; Jonathan Sleeman, WI; Robert Temple, OH; Lee Ann Thomas, MD; Brad Thurston, IN; Curt Waldvogel, OH; Michele Walsh, ME; Skip West, OK; Ellen Wiedner, FL; Margaret Wild, CO; Richard Willer, HI; Michelle Willette, MN; Ellen Mary Wilson, NM; William Wilson, KS; David Winters, TX; Richard Winters, Jr., TX; Cindy Wolf, MN; Mary Wood, WY; Marty Zaluski, MT; Glen Zebarth, MN.

**Committee Meeting: Sunday, 12:30-5:00pm; Ballroom B (Convention Center).**

**Exhibits and Poster Session – Ballroom A**

Booth	Exhibitor
32	Advanced Technology Corp. VADDs
14	Alpha Diagnostic International, Inc.
10	Anaerobe Systems
17	BioChek
09	Biolog
01	BioMed Diagnostics, Inc.
12	bioMerieux
03	Biovet Inc.
24	Bruker Daltonics
11	CABI
31	Centaur, Inc.
23	Computer Aid, Inc.
25	ECL2/Q-Pulse
11	Elsevier
06	GeneReach Biotechnology Corporation
29-30	IDEXX Laboratories
02	Life Diagnostics, Inc.
21	Liferiver Bio-Tech(US) Corp
16	Macherey-Nagel, Inc.
26	PRI Bio (Progressive Recovery, Inc.)
33-34	QIAGEN, Inc.
07	Qualtrax
15	Quanta BioSciences
04	Robbins Instruments Inc
08	RWD Life Science
22	Sage/JVDI
05	Tetracore, Inc.
18-20	Thermo Fisher Scientific
27	VMRD, Inc.
28	Zoetis

**Sponsor Presentations**

**Saturday, October 24, 2015**

**IDEXX** 6:00-6:30pm, Room 556  
Quality Control and Standardized Workflows in PCR Testing

**Biovet** 6:00-6:30pm, Ballroom E  
Entering a new era for animal diagnostics with the Biovet Multiplex test!

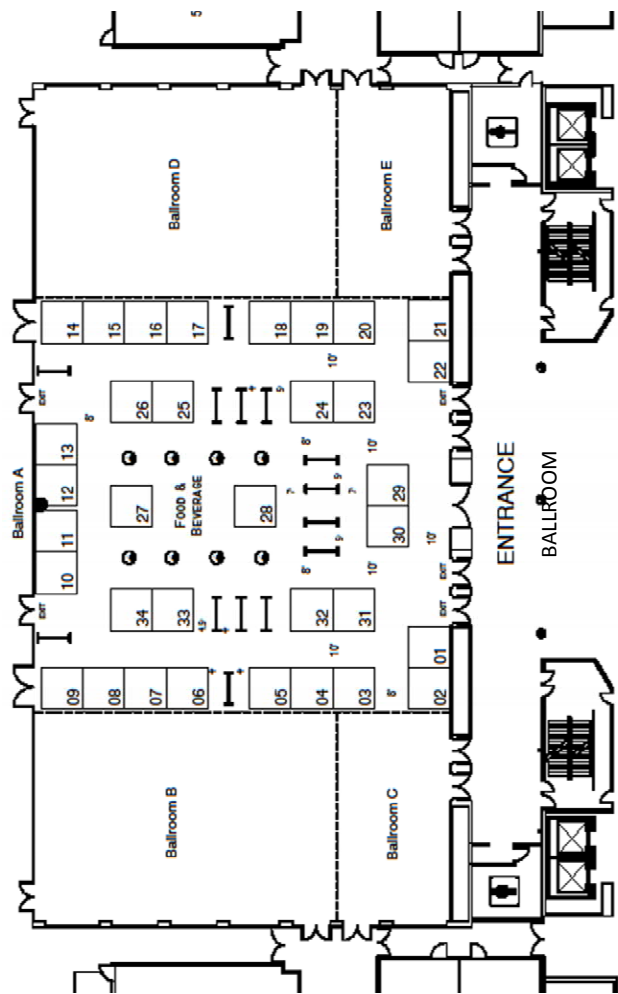
**Thermo Fisher Scientific** 6:30-7:00pm, Room 556  
Trends of Bacterial Antimicrobial Resistance Associated with Cattle Affected with Bovine Respiratory Disease Complex (BRDC) in the State of Missouri, USA – William H. Fales, MS, PhD

**QIAGEN** 6:30-7:00pm, Ballroom E  
Real-time PCR to NGS and Bioinformatics – A QIAGEN Tool Belt for Animal Health

**Exhibit Hall – Ballroom A  
Convention Center**

**Exhibit Hall Schedule**  
**Saturday, October 24**  
 9:00am-6:00pm  
**Sunday, October 25**  
 9:00am-1:00pm

**Poster Session**  
**Posters are available in Ballroom A**  
 9:00am-6:00pm Saturday, Oct 24  
 9:00am-12:00pm Sunday, Oct 25  
 Authors present 3:00-4:00pm on Saturday, Oct 24, 2015



## Notes

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## **Future USAHA/AAVLD Annual Meetings**

October 20-26, 2016  
Greensboro, North Carolina  
Greensboro Sheraton Hotel

October 12-18, 2017  
San Diego, California  
Town and Country Hotel

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