



**118th Annual Meeting
United States Animal Health Association
and
57th Annual Conference
American Association of
Veterinary Laboratory Diagnosticians**

**October 16-22, 2014
Sheraton Crown Center Hotel
Kansas City, Missouri**

2014 Officers and Administrative Staff

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**Welcome to
USAHA's 118th Annual Meeting
and
AAVLD's 57th Annual Conference**

ANNOUNCEMENTS

USAHA/AAVLD

Headquarters Hotel

Sheraton Crown Center Hotel

2345 McGee St

Kansas City, MO

Additional Hotel

Westin Crown Center Hotel

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 2015 Individual Dues	\$150.00
AAVLD 2015 Annual Dues	\$200.00
AAVLD 2015 Veterinary, Graduate Student or Resident Dues	\$ 25.00
AAVLD 2015 Associate Dues	\$ 35.00

Registration Schedule:

Wednesday, October 15, 2014	3:00-6:00pm
Thursday, October 16, 2014	7:00am-6:00pm
Friday, October 17, 2014	7:00am-6:00pm
Saturday, October 18, 2014	7:00am-5:00pm
Sunday, October 19, 2014	7:00am-5:00pm
Monday, October 20, 2014	7:30am-5:00pm
Tuesday, October 21, 2014	7:30am-5:00pm
Wednesday, October 22, 2014	7:30-10:00am

You must register and have a badge to attend meetings.

AAVLD EXHIBITS/POSTERS

Exhibits and Posters – San Francisco

Posters Setup: Friday, October 17 - 12:00pm - 6:00pm

Posters: Saturday, October 18, 9:00 am, until Sunday, October 19, 12:00pm

Exhibitor Setup: Friday, October 17 - 2:00pm-6:00pm

Exhibits: Saturday, October 18 - 9:00am -6:00pm (refreshments 9:20-10:05am, 11:30am-1:00pm, 3:00-6:00pm)

Exhibits: Sunday, October 19 - 9:15am-12:00pm (refreshments 9:15-10:30am; 11:30AM-1:00PM)

Box lunches for purchase on Saturday and Sunday 11:30am-1:00pm Sheraton Grand Ballroom Foyer

BULLETIN BOARD

The Bulletin Board will be located at Registration on the Terrace. Please check meeting app or the Bulletin Board often for last minute changes in the program, time and location of Committee meetings, personal messages, telephone calls and faxes.

USAHA DISPLAY TABLES

In the Terrace (2nd Floor), Sunday-Wednesday

WORK ROOM

VAN HORN A

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

Penn Valley (Westin Hotel) - Friday-Tuesday

AAVLD Posters

Saturday, October 18, 9:00am-6:00pm

Sunday, October 19, 9:00am-12:00pm

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

- 01 Rapid and Sensitive Diagnosis of *Feline Immunodeficiency Virus* Using Reverse Transcription-Insulated Isothermal Polymerase Chain Reaction with POKKIT™ System, a Point-of-Need PCR Detection Platform — *Rebecca Wilkes, Stephen Kania, Hsiu-Hui Chang, Li-Juan Ma, Yun-Long Tsai, Pei-Yu Lee, Hsiao Fen Grace Chang, Hwa-Tang Thomas Wang*
- 02 † Canine Dysautonomia: Outbreak Investigation in a Litter of Puppies — *Noah Hull, Hannah Shoults, Donal O'Toole, Jonathan Fox, Myrna Miller, Gayle C. Johnson, Daniel P. Shaw, Brant Schumaker*
- 03 Development and Validation of a Taqman Multiplex Real-Time PCR for Simultaneous Detection of Major Viral and Bacterial Pathogens Causing Canine Diarrhea — *Qing Sun, Richard Hesse, Richard Oberst, T. g. Nagaraja, Gary A. Anderson, Jianfa Bai*
- 04 Susceptibility of Multiple Drug Resistant Bacterial Pathogens to Fosfomycin — *Leonie Leduc, Carolyn Guptill-Yoran, Kenitra Hammac*
- 05 #*◇ Prevalence and Antibiotic Susceptibility Dynamics of Bacterial Isolates from Canine Skin Infections at a Purdue Veterinary Teaching Hospital (2004-2013) — *Shankar Thangamani, Kenitra Hammac, Paulo Gomes*
- 06 § Getting Inside the Identification of Coagulase Positive *Staphylococci* Frequently Isolated from Companion Animal Clinical Specimens — *Charlene Teitzel, Dubraska Diaz-Campos*
- 07 Use of a Commercial Blocking ELISA Test Kit for Detecting Antibodies to Canine Influenza Virus — *Matthew Krecic, Jillian Brooks*
- 08 ◇ Determination of Optimal *In vitro* Drug Ratios of Trimethoprim/Sulfamethoxazole and Trimethoprim/Sulfadiazine Against Equine Pathogens — *Carmen Sadaka, Luca Guardabassi, Theofanis Kanellos, Michael Sweeney, Jeffrey Watts*
- 09 Laboratory Diagnosis of *Theileria equi* Infection in Horses Imported into the Republic of Korea — *JuYeon You, Soo Jeong Kye, Moon Jeong Choi, Min Soo Kang, Young Ha Kim, Eun Jin Choi, Jee Woo Lee*
- 10 # Sudden Death Due to Exercise-Related Hemoperitoneum Associated with Idiopathic Mesenteric Hemorrhages in 4 Horses — *Federico Giannitti, Asli Mete, Panayiotis Loukopoulos, Rick Arthur, Francisco Uzal*
- 11 § Bovine Coronavirus Antisera Detects Equine Coronavirus in the Intestine of Equids with Equine Coronavirus-Associated Enteritis — *Karen Sverlow, Rosa Manalac, Nicola Pusterla, Beate Crossley, James Stanton, Federico Giannitti*
- 12 Necrotizing Enteritis and Hyperammonemic Encephalopathy Associated with Equine Coronavirus in Equids — *Federico Giannitti, Santiago Diab, Asli Mete, James Stanton, Langdon Fielding, Beate Crossley, Karen Sverlow, Scott Fish, Samantha Mapes, Liz Scott, Nicola Pusterla*
- 13 Correlation of *Corynebacterium pseudotuberculosis* Synergistic Hemolysin Inhibition Serologic Test Results with *Rhodococcus equi* ELISA Results in Equine Samples — *Ashley Hill, Michelle Davidson*
- 14 #* Bovine Coronavirus-Associated Hemorrhagic Colitis in Two Young Adult Beef Cattle — *Heather Herd, Robert Fulton, Jerry Ritchey*

- 15 *Tritrichomonas foetus* Polymerase Chain Reaction: Pooling TF InPouch™ Samples from Bulls — Tamara Golay, Emily
Cooper, Mark Payton, Jerry Ritchey
- 16 Genotypic Testing for Antimicrobial Resistance Determinants Using Multiplex PCR Assays in *Mannheimia*
hemolytica Isolated from Nebraska Cattle — John Loy, Jamie Bauman, Jonathan Kolman
- 17 Correlation of Histologic Lesions with *Neospora caninum* Polymerase Chain Reaction (PCR) Findings in Naturally Aborted
Bovine Fetuses: 2010-2013 — Arthur Hattel, Jason Brooks, Jenny Fisher, Subhashinie Kariyawasam
- 18 * *Wohlfahrtiimonas chitiniclastica* - A First Report of an Emerging Zoonotic Pathogen in the US — Tuddow Thaiwong,
Niesa Kettler, Ailam Lim, Heidi Dirkse, Matti Kiupel
- 19 Isolation and Identification of *Campylobacter fetus* subspecies *venerealis* from an Aborted Fetus and from Preputial
Washes of Bulls — Jing Cui, Yan Zhang, Anne Parkinson, Mary Beth Weisner, Beverly Byrum
- 20 Recombinant Baculovirus Expression and Immunoreactivity of Schmallenberg Virus Nucleocapsid Protein — Maira
Cotton-Caballero, William C. Wilson, Juergen Richt, Bonto Faburay
- 21 Evaluation of a Cutoff Change for the IDEXX *Mycobacterium paratuberculosis* Antibody Test Kit — Valerie Leathers
- 22 Sensitivity and Specificity Evaluation of the VetMAX™ MAP Real-Time PCR Reagents on Fecal Samples from USA
Cattle — Gilbert Ortiz, Angela Burrell, Catherine O'Connell, Ivan Leyva Baca
- 23 ♦ Vaccinal Prevention of Reproductive Disease Due to *Bovine Viral Diarrhea Virus* — Benjamin Newcomer, Paul Walz,
M. Daniel Givens, Alan Wilson
- 24 A Genome-Wide Association Study for the Incidence of Persistent *Bovine Viral Diarrhea Virus* Infection in Cattle —
Eduardo Casas, Bill Hessman, John Keele, Julia Ridpath
- 25 A New Level of Standardization in Real-Time PCR with the IDEXX RealPCR™ BVDV Assays — Martina Kahila,
Christoph Egli, Valerie Leathers, Katherine Velek, Lori Plourde, Christian M. Leutenegger, Michael Angelichio
- 26 Extended Genetic Characterisation of Novel Pestiviruses in the UK — Cynthia Kathir, Anna La Rocca, Akbar Dastjerdi,
Christopher Finnegan, Falko Steinbach, Helen Crooke, Rebecca Strong
- 27 ♦ A Serologic Survey of *Bovine Leukosis Virus* (BLV), *Bovine Viral Diarrhea Virus* (BVDV) and Johnes in
Oklahoma/Arkansas Beef Herds — Janisue Jones, Kristin Lenoir, Perla Encarnacion-Astudillo, Grant Rezabek
- 28 BVD Isolation from Multivalent Vaccines and Cross Neutralization Antibody Response to BVD Vaccine Viruses and Field
Isolates — Curtis Concannon, Richard Hesse, Douglas Mouzin, Elmer Eide, Shollie Falkenberg
- 29 A Retrospective Analysis of *Mycoplasma bovis* Lung Infection in Dairy and Beef Cattle with Pneumonia — Sue Turnquist,
Sreekumari Rajeev
- 30 Osteoarthritis in a Bovine Abortion Associated with *Ureaplasma diversum* — Guillermo Rimoldi, Mark Anderson, Kris
Clothier
- 31 Hoof Sloughing in Beef Cattle Following Transportation: A Preliminary Clinical Report — Bhupinder Bawa, Guy
Loneragan, Jamie Henningson, Daniel Thomson
- 32 Evaluation of MALDI-TOF as a Tool for Speciation of *Mycoplasmas* in Selective Broth Culture — Manuel Benitez, G.
Kenitra Hammac
- 33 The Importance of Continued Prion Research: An Enigmatic Case of Chronic Wasting Disease in a Captive Red Deer
(*Cervus elaphus*) — Marc Schwabenlander, Marie Culhane, S. Mark Hall, Sagar M. Goyal, Paul Anderson, Michelle
Carstensen, Scott Wells, William Slade, Anibal G. Armién
- 34 # *Equine Herpesvirus-9* (EHV-9) Meningoencephalitis in a Thomson's Gazelle — Kanako Sakaguchi, Kenneth Kim, Pirie
Gordon, Max Rinaldi, Roger K. Maes, Annabel G. Wise, Ingeborg Langohr, Fabio Del Piero
- 35 New Directions on *Caprine Arthritis Encephalitis Virus*/Ovine Progressive Pneumonia Virus Serology — Devi Patnayak,
Holly Neaton, Judy Lewman, Sagar M. Goyal, James E. Collins
- 36 A Multiplexed Fluorometric Immunoassay (MFIA) for the Detection of Antibodies to *Actinobacillus pleuropneumoniae*
1-9-11, 2, 3-6-8-15, 4-7, 5, 10 and 12 — Isabelle Caya, Martine Bertrand, Andre Ch. Broes
- 37 Association Between O Serogroups and Pathotypes of *Escherichia coli* Encoding F18 Subtypes Isolated from Diarrhoeic
and Edema Disease piglets in Korea — Jae-Won Byun, Ha-young Kim, Wan-Kyu Lee, Myoung-Heon Lee
- 38 A Multiplexed Fluorometric Immunoassay for the detection of antibodies to *Porcine Reproductive and Respiratory*
Syndrome Virus (PRRSV), *Swine Influenza Virus* (SIV), and *Porcine Circovirus*(PCV2) — Isabelle Caya, Martine
Bertrand, Andre Ch. Broes
- 39 Development of an Indirect Enzyme-Linked Immunosorbent Assay (ELISA) for Detection of Antibodies Against *Porcine*
Epidemic Diarrhea Virus (PEDV) — Andre Ch. Broes, Isabelle Caya, Martine Bertrand, Steve Lawson, Eric A. Nelson,
Jane Christopher-Hennings
- 40 Development and Diagnostic Application of Monoclonal Antibodies Against *Porcine Epidemic Diarrhea Virus* (PEDV) —
Aaron Singrey, Steve Lawson, Faten Okda, Xiaodong Liu, Travis Clement, Julie Nelson, Jane Christopher-Hennings, Eric
A. Nelson
- 41 Development of a Fluorescent Microsphere Immunoassay (FMIA) and a Blocking ELISA for Detection of Antibodies
Against *Porcine Epidemic Diarrhea Virus* (PEDV) — Steve Lawson, Faten Okda, Xiaodong Liu, Aaron Singrey, Travis
Clement, Jane Christopher-Hennings, Eric A. Nelson
- 42 Diagnostic Performance of a Commercial PEDV Indirect Fluorescent Antibody Test in 12-Well Glass Slide Platform —
Dong Sun, Chungwon Chung, John Johnson, Erin Kalkwarf, Ronaldo Magtoto, Hai Hoang, Darin Madson, Kyoung-Jin
Yoon

- 43 Effect of Pretreatment on Detection of PRRSV in Swine Oral Fluid by qRT-PCR — Ashley Holmes, Sarah Abate, Phil Gauger, Wendy Gonzalez, Kyoung-Jin Yoon, Chong Wang, Jeff Zimmerman
- 44 Development and Validation of the VetMAX™-Gold SIV Subtyping Kit — Angela Burrell, Darcy Myers, Ivan Leyva-Baca, Catherine O'Connell
- 45 Efficacy of a Live Attenuated Vaccine in Pigs Persistently Infected with CSFV — Sara Muñoz, Marta Perez, José Alejandro Bohorquez, Rosa Rosell, Artur Summerfield, Nicolas Ruggli, Mariano Domingo, Lillianne Ganges
- 46 Subspecies Level Identification of Lancefield group C *Streptococcus* using MALDI-TOF Biotyper — Rinosh Mani, Ashleigh Hall, Akhilesh Ramachandran
- 47 # Identification of Toxigenic *Clostridium difficile* Isolates from Fecal Samples — Kelly Ray, Christina Wilson, Kenitra Hammac
- 48 The Center for Veterinary Medicine Veterinary Laboratory Investigation and Response Network Proficiency Testing Program — Sarah Nemser, Yang Chen, Samantha Ebert, Ramesh Yettella, Andriy Tkachenko, Ravinder Reddy, Steve M. Ensley, Renate Reimschuessel
- 49 *Salmonella* Prevalence in Pets - Federal Department of Agriculture's Collaboration with 11 Veterinary Diagnostic Laboratories — Renate Reimschuessel, Sarah Nemser, Jake Guag, Michael Grabenstein, Kris Clothier, Stan Marks, Barbara Byrne, Kristy Pabilonia, Kyran Cadmus, Susan Sanchez, Sreekumari Rajeev, Timothy Frana, Albert Jergens, Steve Ensley, Siddhartha Thakur, Beverly Byrum, Jing Cui, Yan Zhang, Matthew M. Erdman, Shelley C. Rankin, Seema Das, Russ Daly, Laura Ruesch, Sara Lawhon, Shuping Zhang, Tim Baszler, Dubraska Diaz-Campos, Ogi Okwumabua, Faye Hartmann
- 50 Quality System Management - The Next Level — Terry L. Dobrovolsky, Jennifer Havens
- 51 Characterization of Bromethalin, Desmethylobromethalin and Photodegradation Products by GC-MS and GC-MS/MS — Andreas Lehner, Rachel Culp, Margaret Johnson, John Buchweitz
- 52 Investigation of Melamine and Cyanuric Acid Deposition in Pig Tissues Using LC-MS/MS Methods — Andriy Tkachenko, James Clark, Natalie Knutson, Betzy Wallace, Malgorzata Bomba, Michele Yacopucci, Blaine Rhodes, Sarah Nemser, Renate Reimschuessel
- 53 Comparison of Zilpaterol Concentrations in Bovine Urine and Hair Specimens — Christina Wilson, Margaret Ramos-Miller, Mary Mengel
- 54 Detection of the Small Molecule Strychnine Using MALDI-TOF MS — Jonathan Butz, Christina Wilson, Mary Mengel, Mark Robarge, Margaret A. Miller
- 55 § Rapid Detection of Ractopamine Using MALDI-TOF Mass Spectrometry — Mary Mengel, Emma Lendy, Jonathan Butz, Christina Wilson
- 56 ◇ Three Decades of Terrestrial Rabies in Wyoming. — Myrna Miller, Amy Boerger-Fields, Karl Musgrave, Kenneth Mills, Brant Schumaker
- 57 Acute, Necrotizing, Hemorrhagic, Interstitial Pneumonia in a Florida Panther (*Puma concolor coryi*) Caused by a Rickettsial Organism — Elizabeth Elsmo, Heather Fenton, Michael Yabsley, Mark Cunningham, Elizabeth W. Howarth
- 58 Myocarditis and Arteritis with Intralesional Lankesterella-like Protozoa (Apicomplexa: Lankesterellidae) in an American Cliff Swallow (*Petrochelidon pyrrhonota*) — Federico Giannitti, Jenny Carlson, Bradd Barr, Dan Famini, Scott Fish, Michael Yabsley, Barbara Shock

§ AAVLD 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 Wednesday, October 15

Registration Hours 3:00-6:00pm.

Daily Events Thursday, October 16

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

AAVLD/NAHLN – Quality Assurance Symposium– 8:00am-5:00pm; Chicago AB.

AAVLD/NAHLN IT meeting – 1:00-5:00pm, Chouteau AB.

AAVLD – Accreditation Committee – 1:00-5:00pm; Empire C. COMMITTEE ONLY.

AAVLD –Strategic Planning Meeting – VET-LIRN – 6:00-8:00pm, Chouteau AB. CLOSED SESSION

Daily Events Friday, October 17

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

AAVLD – Financial Advisory Committee - 7:00-8:00am; Private Dining Room (Spectators Restaurant). **COMMITTEE ONLY.**
AAVLD – Publications Committee – 8:00-10:00am; Boardroom.
AAVLD – Mini Bacteriology Symposium – Understanding and effective application of the updated CLSI standards to antimicrobial susceptibility testing and interpretations - 8:00-11:30am; Chicago B.
AAVLD – Laboratory Emergency Management Committee – 8:00am-12:00pm; New York A.
AAVLD – Accreditation Committee – 8:00am-12:00pm; Chicago C. **COMMITTEE ONLY.**
AAVLD – Parasitology Committee – 8:00am-12:00pm; Empire A.
AAVLD – Informatics Committee – 8:00-5:00pm; Benton AB.
C. L. Davis Diagnostic Pathology Symposium: Diagnostic Pathology of Bovine Diseases– 8:00am-5:50pm; Chouteau AB. (Additional registration fee required see www.aavld.org for link).
AAVLD- Epidemiology Committee – 10:00am – 12:00pm; Chicago A.
AAVLD – LCEM User Group – 11:00am-1:00pm; Northrup.
AAVLD – Subcommittee on Antimicrobial Susceptibility Testing Business Meeting – 11:30am-12:00pm; Chicago B.
USAHA – Executive Committee Luncheon and Meeting – 12:00-5:00pm – Boardroom.
AAVLD – Poster Presentations Set-up — 12:00-6:00pm; San Francisco
AAVLD – Subcommittee on Bacteriology and Mycology – 1:00-2:00pm; Chicago B.
ABVT – Annual Meeting – 1:00-2:00pm; Empire A.
AAVLD – Virology Committee – 1:00-4:00pm; Chicago A.
AAVLD – Quality Assurance Committee – 1:00-5:00pm; New York A.
AAVLD – Executive Board – 1:00-5:00pm; Chicago C.
National Assembly of State Animal Health Officials – Closed - 1:00-3:15pm; Open 3:30-6:00pm; Atlanta A.
AAVLD – Bacteriology Steering Committee - 2:00-3:00pm; Chicago B.
AAVLD/AAVCT - Business Meeting and Case Presentations – 2:00-6:00pm; Empire B.
AAVLD - Exhibitor Setup - 2:00-6:00pm; San Francisco
AAVLD – Enteric Diseases Committee – 3:00-5:30pm; Chicago B.
AAVLD – Laboratory Technology Committee – 4:00-6:00pm; Chicago A.
AAVLD – Editorial Board, Journal of Veterinary Diagnostic Investigation (JVDI) – 4:00-6:00pm; Empire A.
AAVLD – Membership Committee – 4:30-5:15pm; Empire C.
AAVLD – Constitution, Bylaws and Resolutions Committee – 5:00-6:00pm; Northrup.
AAVLD – New Member Orientation – 5:15-6:00pm; Empire C.
AAVLD – Reception and Foundation Auction – 6:00-9:00pm; Century BC (Westin Hotel).

Daily Events Saturday, October 18

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

AAVLD – Foundation Committee – 7:00-8:00am; Private Dining Room (Spectators Restaurant).
Mycobacterial Diseases of Animals Multi-State Initiative – 7:00am – 6:00pm, Shawnee Mission (Westin Hotel)
AAVLD – Plenary Scientific Session– 7:45- 11:30am; Chicago ABC.
 Co-Moderators: François Elvinger and Thomas J. Baldwin
 7:45am Introduction
 8:00am Veterinary Molecular Pathology
 Bridging the Gap Between Clinical Disease and Molecular Pathogenesis — *Matti Kiupel*
 8:40am Veterinary Laboratory Knowledge Translation and Transfer — *Grant Maxie, Hugh Cai, Davor Ojkic, Durda Slavic, Joseph DeLay*
 9:20am Break (45 min)
 10:05am Leveraging Laboratory Data for Animal Health Surveillance — *Brian McCluskey*
 10:45am Veterinary Pharmacovigilance and the Use of Diagnostic Laboratory Data and Services by the Animal Health Industry — *Susan M. Stehman*

USAHA/AAVLD – Committee on Animal Emergency Management– 8:00am-1:00pm; Century A (Westin Hotel).

Time-Specific Papers

9:45am - FMD Vaccine Surge Capacity for Use in the U.S. - Dr. James Roth
 11:10am - The Impact of Movements and Animal Density on Continental Scale Cattle Disease Outbreaks in the United States - Dr. Dan Gear

AAVLD – Exhibits – 9:00am – 6:00pm; San Francisco; Refreshments in Exhibit Hall 9:00-10:30am; 11:30am-1:00pm; 3:00-6:00pm;.
AAVLD – Posters – 9:00am-6:00pm San Francisco. Authors Present 3:00-4:00pm.

AAVLD – House of Delegates and General Membership – 11:30am-12:00pm; Chicago A.

AAVLD – LCEM User Group – 11:30am-12:30pm; Empire B.

USAHA/AAVLD – Student Luncheon - 12:00 – 1:30pm; Empire A.

National Assembly of State Animal Health Officials - 1:00-6:00pm; Liberty (Westin Hotel). Closed 12:00-3:00pm; open 3:00-7:00pm.

AAVLD –Toxicology Scientific Session – 1:00-3:00pm; Chicago B.

Co-Moderators: Wilson Rumbleha and Patricia Talcott

- 1:00pm A Novel Nephrotoxic Mycotoxin: Pathology and Etiological Diagnosis — *Poojya Anantharam, Elizabeth Whitley, Paula Imerman, Wilson Rumbleha*
- 1:15pm Phosphorus Toxicosis Following Fireworks Ingestion — *Dwayne Schrunck, Dale Miskimins, Steve M. Ensley*
- 1:30pm Hemolytic Crisis in Horses from Exposure to *Pistacia* spp. — *Leslie Woods, Kyla Walter, Carly Moore, Rana Bozorgmanesh, Gary Magdesian, Federico Giannitti, Mark L. Anderson, Birgit Puschner*
- 1:45pm # Intralaboratory Development and Validation of an Analytical Method for Determination of Aflatoxin M1 and B1 in Liver — *Dahai Shao, Paula Imerman, Dwayne Schrunck, Steve M. Ensley, Chong Wang, Wilson Rumbleha*
- 2:00pm # A LC-MS Method for the Analysis of Nitrate and Nitrite in Serum — *Karan Agrawal, Theresa Pedersen, John Newman*
- 2:15pm ◇ A New Approach to the Rapid Analysis of Toxins and Toxicants Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry — *Christina Wilson, Mary Mengel, Jonathan Butz, Stephen B. Hooser*
- 2:30pm ◇ Comparison of Two Extraction Methods for Monensin in Feed by LCMSMS — *Paula Imerman, Dwayne Schrunck, Ray Grover, Wilson Rumbleha, Steve M. Ensley*
- 2:45pm § The Effect of Foot-and-Mouth Disease Virus Inactivation on the Status of Serum Mineral and Vitamin Concentrations — *Dwayne Schrunck*

AAVLD – Pathology 1 Scientific Session – 1:00-3:00pm; New York A.

Co-Moderators: Santiago Diab and Kevin Lahmers

- 1:00pm *†+ Use of Iba1 Immunohistochemistry in the Diagnosis of Hepatic Histiocytic Sarcoma in a Dog: A Case for Kupffer Cell Neoplasia? — *Kenneth Kim, Rudy Bauer*
- 1:15pm Sudden Death Associated with Pulmonary Hemorrhage in Racehorses in New Mexico: 2010-2014 — *John Ragsdale, Norbert Takacs, R. Flint Taylor*
- 1:30pm #† Abortion in a Miniature Donkey Associated with a Gammaherpesvirus Similar to *Equid Herpesvirus-7* — *Tessa LeCuyer, Dan Bradway, James Evermann, Anette Rink, Tim Baszler, Gary Halderson*
- 1:45pm Investigation of Serum Amyloid A Levels in Fetal Heart Blood in Aborted Equine Fetuses — *Erdal Erol, Carney Jackson, Steve Locke, Naomi Kelly, David Horohov, Craig N. Carter*
- 2:00pm Lesions Associated with *Eucoleus* sp. in the Non-Glandular Stomach of Wild Urban Rats (*Rattus norvegicus*) — *Jamie Rothenburger, Chelsea Himsforth, Manigandan Lejeune, Piper Treuting, Frederick Leighton*
- 2:15pm ◇ Identifying Vaccinal-Type Strains of BoHV-1 in Bovine Abortion Using Single Nucleotide Polymorphisms: 10 Herd Episodes — *Donal O'Toole, Myrna Miller, Christopher Chase*
- 2:30pm *† The Effect of Zinc Oxide Nanoparticles (ZnO-NPs) and Diet Form (Dry and Moisture) on the Indices of Immune System, Blood Parameters and Gut Morphological of Broilers During Starter Period — *Farhad Ahmadi, F. Mohammadi, M. Esfahani, V. Pahlavan, S. Pazhavand*
- 2:45pm ◇ Pathology and Diagnosis of Necrotic Enteritis of Chickens — *Carlos Gornatti Churria, Francisco Uzal, Gabriel Senties Cue, Horacio Shivaprasad*

AAVLD – Epidemiology 1 Scientific Session– 1:00-2:45pm; Chicago C.

Co-Moderators: Bruce L. Akey and Belinda Thompson

- 1:00pm ◇ Outbreak and Elimination of PRRSV from Switzerland in 2012/2013 - Collaboration of Swiss Animal Health Authorities and QIAGEN Leipzig — *Nevena Djuranovic, Carsten Schroeder, Christine Gaunitz, Guido Fritsch, Patricia Scheer, Barbara Thur*
- 1:15pm Genotype Prevalence and Mixed-Genotype Infections Revealed by Group A *Rotavirus* Full-Genome Sequencing in Cattle and Swine — *Elizabeth Poulsen, Haixia Li, Barbara Breazeale, Joe Anderson, Qing Sun, Ben Hause, Chester McDowell, Juergen Richt, Gary A. Anderson, Richard Hesse, Jianfa Bai*
- 1:30pm Behavioral Aspects of Swine Oral Fluid Sample Collection — *Ashley Holmes, Apisit Kittawornrat, Yaowalak Panyasing, Christa Goodell, Karthik Subramanya, Steve Hoff, Chong Wang, Jeff Zimmerman*
- 1:45pm Studies of the Emerging Pestivirus Species *Pronghorn Virus*; Antigenic Cross Reactivity with other Pestiviruses, Recent Detection in Wildlife and Clinical Presentation in Goats and Deer — *Julia Ridpath, Fernando Bauermann, Shollie Falkenberg, John Neill, Peregrine Wolff*
- 2:00pm The Prevalence and Epidemiology of *Equine Rhinitis A Virus* and *Equine Rhinitis B Virus* Urine Shedding in Horses. — *Steven Grubbs, Robert Keene, Andres Diaz-Mendez, Laurent Viel, John Tuttle, Christian M. Leutenegger*
- 2:15pm Dual Infections with *Canine Parvovirus Type 2 (CPV-2)* and *Dog Circovirus (DCV)* in Michigan Dogs — *Annabel Wise, Roger K. Maes, Thomas P. Mullaney, Tuddow Thaiwong, Matti Kiupel*

2:30pm ◇ Point of Need Detection of Canine Respiratory Disease Pathogens on POKKIT, a Portable Molecular Detection System — *Jessie D. Trujillo, Uri Donnett, Chuan Fu Tsai, Yun-Long Tsai, Pei-Yu Lee, Fu-Chun Lee, Hsiu-Hui Chang, Pin-Hsing Chou, Bor-Huah Chen, Li-Juan Ma, Yu-Han Shen, Hsiao Fen Grace Chang, Thomas Wang*

AAVLD – Virology 1 Scientific Session - 1:00-3:00pm; Chicago A.

Co-Moderators: Christie Mayo and Lalitha Peddireddi

Commercial Sponsor: ECL2

1:00pm Rapid Isothermal Detection of *Porcine Epidemic Diarrhea Virus* (PEDV) RNA — *Yogesh Chander, Thomas Schoenfeld, Kyoung-Jin Yoon, Sagar M. Goyal, David Mead*

1:15pm # Development and Evaluation of a Colloidal Gold Particles-Based Immunochromatographic Strip for Specific Detection of *Porcine Epidemic Diarrhea Virus* — *Yuekun Lang, Xi Li, Dianlei Guo, Fang Fu, Xiangling Wang, Xueyun Zhang, Kunpeng Li, Li Feng, Wenjun Ma*

1:30pm § Development and Evaluation of a Duplex Real-Time RT-PCR for Detection and Differentiation of Classical and Variant Strains of *Porcine Epidemic Diarrhea Viruses* from the United States — *Leyi Wang, Yan Zhang, Beverly Byrum*

1:45pm ◇ Real-Time RT-PCR comparison to Ensure Accurate Detection of PEDV and TGEV — *Douglas Marthaler, Marie Culhane, Kurt D. Rossow, Yin Jiang*

2:00pm Kinetics of the *Porcine Epidemic Diarrhea Virus* (PEDV) Humoral Immune Response (IgM, IgA, and IgG) in Serum and Oral Fluid Specimens from Pigs Infected Under Experimental Conditions — *Luis Gimenez-Lirola, Hai Hoang, Qi Chen, Dong Sun, Darin Madson, Drew Magstadt, Leslie Bower, Paulo Arruda, Mahesh Bhandari, Jeff Zimmerman, Jianqiang Zhang, Kyoung-Jin Yoon*

2:15pm Disease Investigation and Virus Isolation of *Porcine Deltacoronavirus* — *Melinda Jenkins-Moore, Leo Koster, Colleen Bruning-Fann, Montserrat Torremorell, Mary Lea Killian, Steve Tousignant*

2:30pm ◇ Detection and Characterization of a *Porcine Deltacoronavirus* from Pigs with Diarrhea — *Yan Zhang, Leyi Wang, Beverly Byrum*

2:45pm ◇ Characterization of Genotypically Distinct Enteric and Respiratory *Bovine Coronaviruses* — *Alexa Ukena, Joe Anderson, Ben Hause, Elizabeth Poulsen, Richard Hesse*

AAVLD – Administrative Management Personnel Committee - 1:00-5:00pm; Empire B.

AAVLD Poster Session (Authors present at posters): 3:00 – 4:00 PM – San Francisco

Applied Animal Health, Public Health Research and Extension Veterinarians Symposium – 3:00-6:00pm; Empire A.

Sponsored by the American Association of Extension Veterinarians

Coordinators: Robert Wills, Mississippi State University and Thomas Hairgrove, Texas A&M University

3:00pm Evaluation of an Interactive workshop designed to teach practical welfare techniques to beef cattle caretakers and decision makers - R. Dewell, Iowa State University

3:20 pm New Method for Extension Needs Assessment and Use in STEC Extension Programming - D.A. Moore, Washington State University

3:40pm Occupational Safety Survey of Corporate Cattle Feeding Operations in the Western United States - Jeff Sarchet, Zoetis, Decatur, Texas

4:00pm Dairy Farm Management Practices and Characteristics of Herds Positive for Johne's Disease and/or Bovine Viral Diarrhea in the Intermountain West - D.J. Wilson, Utah State University

4:20 pm Efficacy of a vaccine and a direct-fed microbial against fecal shedding of *Escherichia coli* O157:H7 and corresponding impacts on cattle performance in a commercial feedlot - C.A. Cull, Kansas State University

4:40pm Using Serology to Investigate Reproductive Failure Due to Neospora in Beef Herds - Russ Daly, South Dakota State University

5:00pm Impact of Foot and Mouth Disease Indirect Transmission Probability and Vaccination on Outbreak Duration, Herds Depopulated and Economic Costs - S.W. McReynolds, Kansas State University

5:20pm Live Bird Markets, Disease Surveillance and e-Learning - S.C. Trock, Centers for Disease Control and Prevention, Atlanta, GA

5:40pm Influenza A virus (IAV) surveillance using pre-weaning oral fluid samples - J Zimmerman, Iowa State University

USAHA/AAVLD – Committee on Diagnostic Laboratory and Veterinary Workforce Development – 3:00-7:00pm; Chouteau AB.

AAVLD – Government Relations Committee – 3:30-5:30pm; Benton AB.

AAVLD – Diagnostic Bacteriology Cases – 3:30-5:30pm; Atlanta A.

AAVLD – Diagnostic Pathology Slide Seminar – 3:30-5:45pm; New York A.

USAHA/AAVLD – Committee on Environment and Toxicology and Veterinary Analytical Toxicology & Mycotoxins - 3:30-6:30pm; -Chicago C.

AAVLD – Laboratory Safety Committee – 3:30-7:30pm; Chicago B.

AAVLD and NAHLN – Laboratory Directors Committee - 5:30-7:30pm; Chicago A.

AAVLD - Sponsor Seminar: Introduction to the new IDEXX RealPCRTM Modular System 6:00-6:30pm Atlanta A.

USAHA – Committee on Program – 6:00-8:30pm; Empire C.

USAHA – Subcommittee on Trichomoniasis – 6:00 – 8:00pm Empire B
Extension Veterinarians Business Meeting – 6:00-8:00pm; Empire A.
AAVLD Gross Pathology Mock Examination – 6:00-9:00pm; New York A.
Extension Veterinarians Business Meeting – 6:00-10:00pm; Empire A.
American Association of Food Hygiene Veterinarians, Board of Directors - 6:00-10:00pm; Fremont.
AAVLD – USA Lims User Group Meeting – 7:00-8:30pm; Benton AB.
Saturday Night Reception, hosted by IDEXX – 8:00pm – 11:00pm, Century C (Westin Hotel).

Daily Events Sunday, October 19

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

Prayer Breakfast – 6:30-8:00am; Empire A .

USAHA – District Breakfast Meeting (NC, NE, S, W, At-Large) – 7:00-8:30am; Empire BC, *Sponsored by TraceFirst*

AAVLD – Exhibits – 9:15am – 1:00pm; San Francisco. (refreshments in exhibit hall).

AAVLD – Posters – 9:00am-12:00pm; San Francisco

AAVLD – Pathology 2 Scientific Session – 8:00-10:00am; New York A.

Co-Moderators: Kelli Almes and Arthur (Bill) Layton

- 8:00am ◇ Variant Strain of *Porcine Epidemic Diarrhea Virus* Caused Mild Histological Lesions in the Small Intestines of Piglets — *Yan Zhang, Leyi Wang, Jeffrey R. Hayes, Beverly Byrum*
- 8:15am ◇ Histological Lesions in Piglets Associated With a *Swine Deltacoronavirus* — *Yan Zhang, Leyi Wang, Jeffrey R. Hayes, Craig Sarver, Beverly Byrum*
- 8:30am Treatment-Associated Pathologic Findings in Wisconsin Cattle — *Melissa J. Behr*
- 8:45am Descriptive Epidemiology, Gross and Histologic Lesions of Toe-Tip Necrosis in Western Canadian Feedlot Cattle — *Lana Gyan, Chad Paetsch, Andrew Allen, Murray Jelinski*
- 9:00am Oak Poisoning in Yearling Cattle — *Don Kitchen*
- 9:15am Pathology of Select Organs after Zilpaterol Supplementation and Variation in Select Hematologic and Anatomic Parameters — *David Steffen, Ty Schmitd, Steve Jones, Jeff Carroll, Joe Buntyn*
- 9:30am Sodium Toxicity in Neonatal Dairy Calves — *Donald Sockett, Melissa J. Behr*
- 9:45am ◇ Hepatogenous Chronic Copper Toxicity in a Charolais Heifer — *Benjamin Newcomer, Dwight Wolfe, Manuel Chamorro, Thomas Passler, Kellye Joiner*

AAVLD – Bacteriology Scientific Session – 8:00am-12:00pm; Atlanta A.

Co-Moderators: Timothy Frana and Deepanker Tewari

- 8:00am Isolation of a Novel *Campylobacter* Species from Bovine Genital Sample — *Beth Angell, Molly MacNab, Ogi Okwumabua*
- 8:15am Isolation and Identification of *Helcococcus ovis* from Bovine Joint Fluid — *William H. Fales, Jesse Bowman, Irene Ganjam, Dae Young Kim, Susan Schommer, Michael Calcutt, Thomas Reilly*
- 8:30am A Taqman Multiplex Real-Time PCR for Rapid Detection of Viral and Bacterial Pathogens Associated with Bovine Respiratory Disease Complex — *Qing Sun, Ana Rita Rebelo, Lalitha Peddireddi, Richard Hesse, Richard Oberst, Brian Lubbers, Gary A. Anderson, Jianfa Bai*
- 8:45am Development and Evaluation of a Real-Time PCR Assay for Detection of *Salmonella* Heidelberg from Clinical and Environmental Samples — *Kris Clothier, Andrea Torain, Stephen Reinl, Bart Weimer*
- 9:00am † Prevalence, isolation and characterization of *E. coli* O104 in cattle feces — *Pragathi B. Shridhar, Lance Noll, Xiarong Shi, Natalia Cernicchiaro, Jianfa Bai, David Renter, T. g. Nagaraja*
- 9:15am *† An Improved Primer Set for the Genotyping of *Clostridium perfringens* — *Bayar Saeed, Kenneth Mills, Donal O'Toole, Brant Schumaker, Bledar Bisha, William Laegreid*
- 9:30am Break (45 min)
- 10:15am #*† Survey of Respiratory Pathology in Wild Urban Rats (*Rattus norvegicus* and *Rattus rattus*) — *Jamie Rothenburger, Chelsea Himsworth, Charles Clifford, Piper Treuting, Frederick Leighton*
- 10:30am Minimal Inhibitory Concentration Antimicrobial Susceptibilities of Coagulase Positive *Staphylococcus* sp. Associated with Canine Pyoderma (2011-2013) — *Kristin Ellis, Amy Stevenson, Ian Sweeney, Sara Lanka, Carol Maddox*
- 10:45am Virulence Factors Genes (siet, lukI and lukF) in *Staphylococcus* Species Isolated from Canine Clinical Specimens — *Dubrasca Diaz-Campos, Terri Hathcock, Roberto Palomares, Kenny Brock*
- 11:00am Fatalities Caused By *Streptococcus dysgalactiae* subsp. *equisimilis* in Horses — *Erdal Erol, Robert Gertz, Lynne Cassone, Steve Locke, Carney Jackson, Craig N. Carter, Oktay Genc, Bernard Beall*
- 11:15am ◇ A Novel *Avibacterium* sp. Causes Mortality in Laying Hens — *Darrell Trampel, Sarah Tilley, Timothy Frana, Margie Lee*
- 11:30am Development of a Multiplex PCR Assay for the Identification and Speciation of Pathogenic Vibrionaceae — *Seth Nydam, Claire Miller, Kenitra Hammac, Timberly Maddox, Thomas E. Besser, Kevin R. Snekvik*

11:45am #† Use of Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry (MALDI-TOF MS) for the Speciation of Pathogenic *Vibrio* in Fish — *Claire Miller, Seth Nydam, G. Kenitra Hammac, Timberly Maddox, Thomas E. Besser, Dubraska Diaz-Campos, Kevin R. Snekvik*

AAVLD – Epidemiology 2 Parasitology Scientific Session – 8:00am-12:00pm; Chicago C.

Co-Moderators: Ashley Hill and Marie Culhane

- 8:00am Application of MIQE Guidelines for Use in a Veterinary Diagnostic Laboratory PCV2 qPCR — *Frederick Sylvia, Kent Doolittle, Jack Gallup, Brian Payne*
- 8:15am Initial Evaluation and Validation of High-Throughput (384-well) Real-Time PCR for Testing Bulk Milk Samples — *Beate Crossley, Amy Glaser, Munashe Chigerwe, Michael T. McIntosh, Randall Anderson, Elizabeth Adams, Kathy L. Toohey-Kurth*
- 8:30am ◇ Rapid Detection of Pathogens from Swine Clinical Samples Using a Broad Spectrum Microbial Detection Array — *Crystal Jaing, James Thissen, Pam Hullinger, Nicholas Monday, Raymond Rowland*
- 8:45am ◇ Bioinformatics for Improved Pathogen Detection: Maintenance of the Virotype® PRRSV RT-PCR Reagents for Improved Accuracy — *Nevena Djuranovic, Christine Gaunitz, Carsten Schroeder, Jessie D. Trujillo, Marco Labitzke, Stephen Hennart*
- 9:00am An Empirical Approach to Confidence Intervals of Positive and Negative Predictive Values Extrapolated from Case Control Studies — *Stephane Guillosoou*
- 9:15am §◇ Oklahoma Equine Cases Presenting with Clinical Signs of Central Nervous System Disease- 2012-2013 — *Kristin Lenoir, Janisue Jones, Perla Encarnacion-Astudillo, Grant Rezabek*
- 9:30am *Salmonella* spp. Serotypes Isolated from Drag Swabs at a Veterinary Diagnostic Laboratory and Public Health Implications — *Jane Kelly, Kerry Rood*
- 9:45am Break (45 min)
- 10:30am Retrospective Testing for the Emergence of *Porcine Deltacoronavirus* in US Swine at Iowa State University Veterinary Diagnostic Laboratory — *Avanti Sinha, Phillip Gauger, Jianqiang Zhang, Kyoung-Jin Yoon, Karen Harmon*
- 10:45am † Molecular Epidemiology of *Porcine Epidemic Diarrhea Virus* in US Swine — *Qi Chen, Amy Chriswell, Derek Dunn, Ganwu Li, Avanti Sinha, Karen Harmon, Wendy Stensland, Phillip Gauger, Kyoung-Jin Yoon, Darin Madson, Kent Schwartz, Rodger Main, Jianqiang Zhang*
- 11:00am ◇ Improved Diagnostic Performance of a Commercial *Anaplasma* Antibody Competitive Enzyme-Linked Immunosorbent Assay Using Recombinant Major Surface Protein 5-Glutathione S-Transferase Fusion Protein as Antigen — *Chungwon Chung, Carey Wilson, Chandima-Bandara Bandaranayake-Mudiyanselage, Eunah Kang, Scott Adams, Lowell Kappmeyer, Donald Knowles, Terry McElwain, James Evermann, Massaro Ueti, Glen Scoles, Stephen Lee, Travis McGuire*
- 11:15am #*†+ Possible Direct Transmission of *Histomonas meleagridis* in Peafowl. — *Lorelei Clarke, Horacio Shivaprasad, Silvia Carnaccini, Robert Beckstead, Daniel Rissi*
- 11:30am ◇ Efficacy of BioMed TF-Transit Tubes in Comparison to Gold Standard BioMed InPouch TF during Transit — *Julia Boehler, Alicia Alexis, John Ragsdale, Pascale Leonard, Kim Reiten, Dustin Cox, Suzanne Townsend, Tim Hanosh*
- 11:45am Improvements in *Tritrichomonas foetus* Molecular Diagnostics — *Carly Ginter Summarell, Thomas Hairgrove, Megan Schroeder, Mangkey Bounpheng*

AAVLD –Virology 2 Scientific Session – 8:00am-12:00pm; Chicago A.

Co-Moderators: Ben Hause and Kristy Pablonia

Commercial Sponsor: VMRD

- 8:00am ◇ Enhanced Sensitivity of an Antibody Enzyme-linked Immunosorbent Assay using *Equine Arteritis Virus* Purified by Anion Exchange Membrane Chromatography — *Chungwon Chung, Amanda Grimm, Carey Wilson, Udeni BR Balasuriya, Peter Timoney, Chandima-Bandara Bandaranayake-Mudiyanselage, Stephen Lee, Travis McGuire*
- 8:15am Evaluation of a Commercially Available Competitive ELISA (cELISA) for the Detection of Antibodies to *Equine Arteritis Virus* (EAV) — *Kristin Pfahl, Chungwon Chung, Jianqiang Zhang, Yun Young Go, Juliana Campos, Kathleen Shuck, Amanda Grimm, Ethan Adams, Peter Timoney, Udeni BR Balasuriya*
- 8:30am Evaluation of a Newly Developed Insulated Isothermal RT-PCR Assay and a Real-Time RT-PCR Assay for the Detection of *Equine Arteritis Virus* Nucleic Acid in Equine Semen — *Udeni BR Balasuriya, Ashley Skillman, Kathleen Shuck, Bora Nam, Peter Timoney, Yun-Long Tsai, Li-Juan Ma, Pai-Chun Yang, Hsiu-Hui Chang, Pei-Yu Lee, Hsiao Fen Grace Chang, Hwa-Tang Wang*
- 8:45am Development of a Multiplex Assay to Determine Antibodies to Different Glycoproteins of *Equine herpesvirus 1* — *Laura Goodman, Heather Freer, Susanna Babasyan, Alicia Rollins, Gillian Perkins, Edward J. Dubovi, Bettina Wagner*
- 9:00am First Diagnosed Case of Vesicular Stomatitis in the United States in 2014 — *Melinda Jenkins-Moore, Dawn Toms, Harry Vogt, Mary Lea Killian, Annette Olson, Katherine Mazingo, Angela Pelzel-McCluskey*
- 9:15am Break (45 min)
- 10:00am ◇ SNP Analysis Used to Select Conserved Regions for an Improved *Newcastle Disease Virus* Real-time RT-PCR Test — *David Suarez, Lauren Marbut*

- 10:15am Detection of H5 and H7 Highly Pathogenic Avian Influenza Virus with Lateral Flow Devices: Performance with Healthy, Sick and Dead Chickens — *Erica Spackman, J. Weaver, Sasidhar Malladi*
- 10:30am ◇ Characterization of H1N2 Variant Influenza Viruses in Pigs — *Jinhwa Lee, Michael Duff, Jingjiao Ma, Qinfang Liu, Yuekun Lang, Bhupinder Bawa, Jianfa Bai, Juergen Richt, Richard Hesse, Wenjun Ma*
- 10:45am Pathogenicity of Chimeric H17N10 Bat Influenza Virus in a Mouse Model — *Jinhwa Lee, Bin Zhou, Jingjiao Ma, Qinfang Liu, Wei Wang, Bhupinder Bawa, Michael Duff, Yuekun Lang, David Wentworth, Juergen Richt, Wenjun Ma*
- 11:00am ◇ Updating PCR Assays for Influenza Subtyping — *Mia Kim Torchetti, Janice Pedersen, Mary Lea Killian, Nichole Hines, David Suarez*
- 11:15am Characterization of a Novel Influenza Virus in Cattle with Bovine Respiratory Disease — *Ben Hause, Emily Collin, Yuekun Lang, Wenjun Ma, Runxia Liu, Feng Li*

AAVLD – Virology 3 Scientific Session – 8:00am-12:00pm; Chicago B.

Co-Moderators: Susan Schommer and Jianqiang Zhang

Commercial Sponsor: Biovet

- 8:00am Simultaneous Detection of *African Swine Fever Virus* Antibodies in Serum and Oral Fluid Using a Recombinant p30 Antibody ELISA — *Luis Gimenez-Lirola, Lina Mur, Belen Rivera, Sergio Lizano, Christa Goodell, Raymond Rowland, Mark Mogler, DL Hank Harris, Carmina Gallardo, Marisa Arias, Jose Manuel Sanchez-Vizcaino, Jeff Zimmerman*
- 8:15am ◇ Development and Testing of a Multiplex Molecular Diagnostic Assay for Simultaneous Detection and Differentiation of Multiple Bacterial and Viral Causes of Respiratory Disease in Pigs — *Pejman Naraghi-Arani, Jason Olivas, Alda Carrillo, Gary Anderson*
- 8:30am *African Swine Fever Virus, Classical Swine Fever Virus, and Foot-and-Mouth Disease Virus* Detection By Multiplex Reverse Transcription Quantitative Polymerase Chain Reaction in Swine Oral Fluids — *Frederic Grau, Megan Schroeder, Erin Mulhern, Michael T. McIntosh, Mangkey Bounpheng*
- 8:45am Early Post Natal CSFV Infection Can Result in Persistently Infected Piglets — *Sara Muñoz, Rosa Rosell, Lester Josue Perez, José Alejandro Bohorquez, Maria Teresa Frias, Lorenzo Fraile, Maria Montoya, Lorena Cordoba, Mariano Domingo, Felix Ehrensperger, Nicolas Ruggli, Artur Summerfield, LLilianne Ganges*
- 9:00am Genetic Variation Observed in BVDV Isolated from 34 Persistently Infected Cattle Generated in One Outbreak — *Julia Ridpath, John Neill, Larry Holler, Lyle Braun, Douglas Young, Sue Kane, Christopher Chase*
- 9:15am ◇ One-Step Triplex Real Time RT-PCR Assay for Simultaneous Detection and Differentiation of Three Vesicular Viruses in Swine — *Xiju Shi, Qing Sun, Jianfa Bai, Amy Beckley, Jishu Shi*
- 9:30am Break (45 min)
- 10:15am Establishing Critical Diagnostic Capability for Foot-And-Mouth Disease in Red Deer — *Reinhold Kittelberger, Charles Nfon, Kurtis Swekla, Zhidong Zhang, Kate Hole, Hilary Bittner, Tim Salo, Courtenay O'Sullivan, Michaela Hannah, Richard Swainsbury, Rudolfo Bueno, Richard Clough, Andrew mCfADDEN, Richard Spence, Soren Alexandersen*
- 10:30am Detection of BVDV in Cattle Semen- How Common are Persistent Testicular Infections? — *Andrew Read, Xingnian Gu, Deborah Finlaison, Peter Kirkland*
- 10:45am Evaluation of Real-Time PCR Assays for the Detection of Viruses in Semen of Livestock — *Andrew Read, Xingnian Gu, Deborah Finlaison, Udeni BR Balasuriya, Peter Kirkland*
- 11:00am Rapid and Sensitive Detection of *Canine Distemper Virus* by One-Tube Reverse Transcription-Insulated Isothermal Polymerase Chain Reaction — *Rebecca Wilkes, Fu-Chun Lee, Yun-Long Tsai, Ping-Hua Teng, Pei-Yu Lee, Hsiao Fen Grace Chang, Hwa-Tang Thomas Wang*
- 11:15am The Effect of Coagulant Treatment on the Constituents of Swine Oral Fluid Specimens — *Kevin O'Neill, Korakrit Poonsuk, Drew Grosz, Dong Sun, Yaxuan Sun, Dwayne Schrunk, Timothy Ellis, Chong Wang, Timothy Frana, Kyoung-Jin Yoon, Jeff Zimmerman*

Food Safety Symposium – 8:00am-12:00pm; Liberty (Westin Hotel).

AAVLD – Administrative Management Personnel Committee - 8:00am-12:00pm; Fremont.

Northeast District Meeting – 9:00-11:30am; Empire A.

North Central District Meeting – 9:00-11:30am; Chouteau A.

Southern District Meeting – 9:00-11:30am; Benton AB.

Western District Meeting – 9:00-11:30am; Chouteau B.

Spouses Brunch – 9:30am-12:00pm; Northrup.

USAHA – Committee on Audit – 12:00-1:00pm; Private Dining Room (Spectators Restaurant).

AAVLD – Sponsor Seminar - Customer Perspectives on Successful Utilization of QIAGEN reagents and instruments - 12:00-1:00pm; Benton AB

USAHA/AAVLD – Committee on National Animal Health Laboratory Network – 12:00-3:00pm; New York A.

USAHA – Committee on Wildlife Diseases – 12:30-5:00pm; Empire BC.

USAHA/AAVLD – Committee on Aquaculture – 12:30-5:30pm; Chicago C.

USAHA – Committee on Import-Export – 12:30-5:30pm; Chouteau B.

USAHA – Committee on Infectious Diseases of Cattle, Bison and Camelids – 12:30-5:30pm; Pershing East (Westin Hotel).

USAHA – Committee on Johnes's Disease – 12:30-5:30pm; Empire A.

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; Chouteau A.
AAVLD – Pathology Committee – 1:00-3:00pm; Atlanta A.
APHIS-VS – 1:00-5:30pm: Liberty (Westin Hotel).
USAHA/AAVLD – Committee on Food and Feed Safety –1:30-5:30pm; Chicago A.
AAVLD/NVSL – Proficiency Testing Committee – 3:00-5:00pm; Atlanta A.
AAVLD – Strategic Planning Committee – 3:00-6:00pm; New York A.
USAHA/AAVLD – Committee on Animal Health Surveillance and Information Systems – 3:00-6:00pm; Chicago B.
USAHA District-at-Large Meeting – 4:00 – 5:30pm; Fremont. (Allied Organization Members)
USAHA – New Member Orientation – 5:00-6:00pm; Benton AB.
USAHA/AAVLD – Presidents Reception and Dinner 5:30-9:00pm; Sheraton Crown Center Exhibit Hall B.
Sponsored by Life Technologies and GlobalVetLink.

5:30PM Reception – Cash Bar
6:30 PM President’s Dinner
Presiding – Catherine Barr, AAVLD President and Stephen Crawford, USAHA President
Invocation – David Schmitt
Dinner
7:30 PM Memorial Service – Bruce King
Recognize Sponsors – Stephen Crawford
Sponsors’ Response – Clifford Smith and Jill Greene
Welcome to Missouri – Richard Fordyce, Director, Missouri Dept. of Agriculture
Response to the Welcome - Invitation to Providence – Scott Marshall
USAHA President’s Remarks – Stephen Crawford
AAVLD President’s Remarks – Catherine Barr
Sponsor Acknowledgement – Stephen Crawford and Catherine Barr
USDA-APHIS Administrator’s Award – Kevin Shea
AAVLD Awards – Tom McKenna
Graduate Student Awards: Best Presentation, Best Poster
Best Journal of Veterinary Diagnostic Investigation Paper
Lifetime Membership Award
E. P. Pope Award
Distinguished Service Award
USAHA Federal Partnership Award – Stephen Crawford
USAHA Medal of Distinction Award – Stephen Crawford
National Assembly of State Animal Health Officials Award – Charlie Hatcher

Daily Events Monday, October 20

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

AAVLD – Past Presidents’ Breakfast – 7:00-8:00am; Private Dining Room. (Spectators Restaurant)
USAHA/AAVLD –Breakfast – 7:00 am., *Sponsored by IDEXX* – Terrace Area
USAHA/AAVLD Joint Plenary Session: Achieving Perspectives to Feed the World – 8:00am-12:00pm; Sheraton Crown Center Exhibit Hall B

Co-Moderators: Bruce King and François Elvinger

8:00 am - Welcome and Introduction of Topic – Bruce King, USAHA Program co-chair
8:10 am –What Consumers Expect - Charlie Arnot, Center for Food Integrity
8:35 am - Meaningful Conversations - Randy Krotz, US Farmers & Ranchers Alliance
9:00 am - Animal Feed vs Human Food - Jude L. Capper, Livestock Sustainability Consultancy
9:25 am - Antibiotic Stewardship as a Driver of Legislative, Regulatory, and Consumer Agendas that will Shape the *Future* of Antibiotic Use in Agriculture - Mike Apley, Kansas State University
9:50 am - BREAK
10:20 am - Animal Welfare Landscape: Current Scientific and Consumer Challenges - Candace Croney, Purdue University
10:45 am - Trends in Food Safety: Public Perception vs. Reality - Richard Raymond, Food Safety/Public Health Consulting
11:10 am -The New Consumer Value Proposition - David Fikes, Food Marketing Institute
11:35 am - Panel Discussion/Q&A

Break – 9:30am; Terrace Area

Directors of State Meat Inspection – 11:00am-8:00pm; Chouteau B.
USAHA – Membership Luncheon and Meeting – 12:00-12:30pm; Crown Center Exhibit Hall B *Sponsored by Merial*

Sponsored by Merial

Presiding – Stephen Crawford

Recognize Sponsor – Stephen Crawford

Sponsor's Presentation – Steve Parker, Merial

State of the Association – Stephen Crawford

Treasurer's Report – Annette Jones

Report of the Committee on Nominations – David Marshall

Other Business and Announcements

AAVLD – House of Delegates – 12:00-12:45pm; Chicago A.

USDA-ARS Animal Health Research Review 2014 – 1:00-5:00pm; Empire A.

Moderator: Eileen Thacker, DVM, PhD, DACVM - National Program Leader, Food Safety and Animal Health
USDA-Agricultural Research Service, Beltsville, MD

1:00-1:30pm Overview of US Government Plans to Address Antibiotic Resistance in Farm Animals - Eileen Thacker

1:30-2:15pm Antibiotics and the Swine Intestinal Microbiome - Thad Stanton, PhD, Research Leader, FSEP Unit
USDA-ARS-NADC, Ames, IA

2:15-3:00pm Antimicrobial Resistance Profiles in Pathogens Isolated from Chickens - Rick Meinersmann, VMD, PhD, USDA-ARS-Russell Research Center, Athens, GA

3:00-3:30pm Break

3:30-4:15pm Surveying Antimicrobial Resistance in Dairy Animals on Farm at Slaughter in Pennsylvania - JoAnn Van Kessel,
USDA-ARS-BARC, Beltsville, MD

4:15-5:00pm Bacteria Resistant to Antimicrobials Critically Important to Human Medicine in Beef Cattle Production and Processing
Environments - John W. Schmidt, PhD, Research Microbiologist, USDA-ARS-U.S. Meat Animal Research Center,
Clay Center, NE

USAHA – Committee on Bluetongue and Related Orbiviruses – 1:00-6:00pm; Empire C.

USAHA – Committee on Brucellosis – 1:00-6:00pm; New York B.

USAHA – Committee on Infectious Diseases of Horses – 1:00-6:00pm; New York A.

Time-Specific Papers

1:45pm - Merging Pathogen Surveillance and Research; Stealth Persistence of an Ema Superfamily Variant of *Theileria equi* -
Don Knowles

3:45pm - The Significance of Surra as an Infection in Horses - Peter Timoney

USAHA – Committee on International Standards – 1:00-6:00pm; Empire B.

USAHA – Committee on Transmissible Diseases of Poultry and Other Avian Species – 1:00-6:00pm; Chicago BC.

USAHA – Committee on Transmissible Diseases of Swine – 1:00-6:00pm; Chicago A.

USAHA – Committee on Tuberculosis Scientific Advisory Subcommittee – 1:00-6:00pm; Benton AB.

USAHA – Subcommittee on Farmed Cervidae – 1:00-5:00pm Chateau A

AAVLD – Committee Chairs and Program Committee – 1:30-3:30pm; Boardroom

Break – 3:00pm; Terrace Area

USAHA/AAVLD – Executive Committees – 3:30-5:00pm; Boardroom.

National Association of Federal Veterinarians – 5:30-8:00pm; Empire A.

USAHA – Board of Directors – 6:00-7:00pm; Atlanta AB.

Daily Events Tuesday, October 21

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

USAHA – Past Presidents' Breakfast – 7:30-9:30am; Boardroom.

USAHA – Committee on Captive Wildlife and Alternative Livestock – 8:00am-12:00pm; Empire B.

USAHA – Committee on Foreign and Emerging Diseases – 8:00am-5:30pm; New York AB.

Time-Specific Paper

12:10pm - Emerging Diseases of Global Concern with a Focus on Middle East Respiratory Syndrome – Markos Tibbos

USAHA – Committee on Livestock Identification – 8:00am-12:00pm; Chicago BC.

USAHA – Committee on Pharmaceuticals – 8:00am-12:00pm; Benton AB.

National Scrapie Oversight Board – 8:00-9:00am; Chouteau A.

USAHA – Committee on Scrapie – 9:00am-12:00pm; Chouteau A.

USAHA – Committee on Salmonella – 8:00-12:00pm; Chicago A.

Directors of State Meat Inspection – 8:00am-5:30pm; Chouteau B.
Break – 9:30am; Terrace Area
American Association of Avian Pathologist Liaison with AVMA – 10:00am-12:00pm; Van Horn C .
USAHA – Strategic Plan Information Session – 12:15-12:45pm; Freemont.
USAHA – Committee on Biologics and Biotechnology – 1:00 – 5:30pm; Benton AB.
USAHA – Committee on Public Health and Rabies – 1:00-5:30pm; Chicago A.
USAHA – Committee on Sheep and Goats – 1:00-5:30pm Chouteau A.
USAHA – Committee on Transmissible Diseases of Poultry and Other Avian Species – 1:00-5:30pm; Chicago BC.
USAHA – Committee on Tuberculosis – 1:00-5:30pm; Empire ABC.
Break – 3:00pm; Terrace Area
USAHA – Board of Directors – 6:00-7:00pm; Atlanta AB

Daily Events Wednesday, October 22

Registration Hours 7:30-10:00am.

USAHA – Committee on Animal Welfare – 8:00am-12:00pm; Chicago BC.
USAHA – Committee on Parasitic Diseases – 8:00am-12:00pm; Chicago A.
USAHA – One Health Symposium - 8:00am-12:00pm; Empire A.

Break – 9:30am; Terrace Area

USAHA - Membership Meeting – 2:00–3:30pm; Chicago BC.

2:00pm Call to Order – Stephen Crawford
 2:05pm Report of the Action of the Committee on Nominations – David Marshall
 Passing the Presidential Gavel – Stephen Crawford
 President’s Address – Bruce King
 Recognition of Immediate Past President –Stephen Crawford
 Executive Director’s Address – Benjamin Richey
 Report of the Committee on Resolution – David Marshall
 Other Business

USAHA – Board of Directors – Immediately following membership meeting; Atlanta AB.

USAHA – Executive Committee Meeting – 6:00pm; Boardroom.

2014 USAHA Committees

USAHA/AAVLD Committee on Animal Emergency Management

Chair: Nick Striegel, CO

Vice Chair: Heather Simmons, TX

John Adams, VA; Bruce Akey, TX; Kelli Almes, KS; Gary Anderson, KS; Joan Arnoldi, WI; Lyndon Badcoe, WA; Tom Baker, ON; Deanna Baldwin, MD; Karen Beck, NC; Tammy Beckham, TX; Lisa Becton, IA; Melissa Berquist, TX; Danelle Bickett-Weddle, IA; Patricia Blanchard, CA; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broaddus, VA; William Brown, KS; Heather C. F. Case, IL; Nancy Chapman, MD; Gregory Christy, FL; Neville Clarke, TX; Matt Cochran, TX; Leslie Cole, OK; Dustin Cox, NM; Stephen Crawford, NH; Tarrie Crnic, KS; Glenda Davis, AZ; Ignacio dela Cruz, MP; Susan Dixon, IA; Leah Dorman, OH; Brandon Doss, AR; Cheryl Eia, IL; Brigid Elchos, MS; Dee Ellis, TX; Larry Elsken, IA; Francois Elvinger, VA; Betsy Flores, VA; Rose Foster, MO; W. Kent Fowler, CA; Mallory Gaines, DC; Tam Garland, TX; Cyril Gay, MD; Robert Gerlach, AK; Michael Gilsdorf, MD; Linda Glaser, MN; Patricia Godwin, KY; Sue Goetz, WI; 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; Carl Heckendorf, CO; Julie Helm, SC; Kristi Henderson, IL; Jan Hershenhouse, CA; Linda Hickam, MO; Rick Hill, IA; Donald Hoenig, ME; Guy Hohenhaus, MD; Lindsey Holmstrom, TX; Floyd Horn, MD; Jesse Hostetter, IA; Dennis Hughes, NE; Holly Hughes-Garza, TX; Pamela Hullinger, CA; David Hunter, MT; Carla Huston, MS; Annette Jones, CA; Karen Jordan, NC; Subhashinie Kariyawasam, PA; Paul Kohrs, WA; Darlene Konkle, WI; Charlotte Krugler, SC; Michael Langford, NY; T.R Lansford, TX; Elizabeth Lautner, IA; Kerry Leedom Larson, IA; Randall Levings, IA; Tsang Long Lin, IN; Mary Lis, CT; Eric Liska, MT; Frank Liu, MN; Francine Lord, ON; Kevin Maher, IA; Barbara Martin, IA; Sarah Mason, NC; Chuck Massengill, MO; Paul McGraw, WI; David Meeker, VA; Shelley Mehlenbacher, VT; Jessica Meisinger, VA; Samia Metwally, NY; 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 Pabilonia, CO; Elizabeth Parker, TX; Roger Parker, TX; William Parker, GA; Boyd Parr, SC; Virginia Pierce, MD; Jewell Plumley, WV; Jeanne Rankin, MT; Tom Ray, NC; Renate Reimschuessel, MD; M. Gatz Riddell, Jr., AL; Paul Rodgers, WV; Keith Roehr, CO; James Roth, IA; John Rowden, CA; Mo Salman, CO; John Sanders, WV; A. David Scarfe, IL; Joni Scheffel, MN; Mark Shearer, IA; Gary Sherman, DC; Kathryn Simmons, DC; Marilyn Simunich, ID; David Smith, NY; Julie Smith, VT; Tom Smylie, ON;

Harry Snelson, NC; Diane Stacy, LA; Mike Starkey, MN; Darrel Styles, MD; Manoel Tamassia, NJ; Rodney Taylor, NM; Todd Tedrow, SD; Belinda Thompson, NY; Jimmy Tickel, NC; Peter Timoney, KY; Hana Van Campen, CO; Liz Wagstrom, DC; Sherrilyn Wainwright, ; Patrick Webb, IA; Steve Weber, CO; Brad Williams, TX; John Williams, MD; Ellen Mary Wilson, NM; Gwen Zellen, ON.

Committee Meeting: Saturday, 8:00am-1:00pm - Century A (Westin Hotel)

Time-Specific Papers

9:45am - FMD Vaccine Surge Capacity for Use in the U.S. - Dr. James Roth

11:10am - The Impact of Movements and Animal Density on Continental Scale Cattle Disease Outbreaks
in the United States - Dr. Dan Grear

USAHA/AAVLD Committee on Animal Health Surveillance and Information Systems

Chair: Lisa Becton, IA

Vice Chair: Marie Culhane, MN

Sara Ahola, CO; Bruce Akey, TX; Debbie Barr, ON; Karen Beck, NC; Tammy Beckham, TX; Charlie Broaddus, VA; Dwight Bruno, NY; Stan Bruntz, CO; Craig Carter, KY; Mal Cartwright, AB; Nancy Chapman, MD; Neville Clarke, TX; Anita Edmondson, CA; Francois Elvinger, VA; Tam Garland, TX; Joseph Garvin, VA; Sue Goetz, WI; Xingnian Gu, NSW; Kristin Haas, VT; Neil Hammerschmidt, MD; William Hartmann, MN; Charles Hatcher, TN; Kristi Henderson, IL; Ashley Hill, CA; John Huntley, WA; Zaheer Iqbal, AB; Brady James, TX; Annette Jones, CA; Jamie Jonker, VA; Ellen Kasari, CO; Diane Kitchen, FL; Elizabeth Lautner, IA; Donald Lein, NY; Anne Lichtenwalner, ME; Francine Lord, ON; Janet Maass, CO; Kevin Maher, IA; Rodger Main, IA; Stu Marsh, AZ; Michael Martin, SC; Patrick McDonough, NY; Shelley Mehlenbacher, VT; Roger Parker, TX; Andres Perez, CA; John Picanso, MD; Tom Ray, NC; Emi Saito, OR; Mo Salman, CO; A. David Scarfe, IL; Irene Schiller, ZH; Stacey Schwabenlander, MN; Dan Sheesley, DC; Marilyn Simunich, ID; David Smith, NY; Patricia Stonger, WI; Jessie Trujillo, IA; James Watson, VIC; Patrick Webb, IA; Steve Weber, CO; Nora Wineland, MO.

Committee Meeting: Sunday – 3:00-6:00pm; Chicago B

Committee on Animal Welfare

Chair: Gail Golab, IL

Vice Chair: Belinda Thompson, NY

Bobby Acord, NC; Wilbur Amand, PA; Joan Arnoldi, WI; Chris Ashworth, AR; James Averill, MI; George Badley, AR; Deanna Baldwin, MD; Bill Barton, ID; Paul Brennan, IN; Gary Brickler, CA; William Brown, KS; Tom Burkgren, IA; Beth Carlson, ND; Meredith Clancy, NY; Leslie Cole, OK; Stephen Crawford, NH; Glenda Davis, AZ; Ria de Grassi, CA; Ron DeHaven, IL; Leah Dorman, OH; Mark Drew, ID; Brigid Elchos, MS; Dee Ellis, TX; J Amelita Facchiano, TX; Kathy Finnerty, MA; Betsy Flores, VA; 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; Eric Gonder, NC; Chelsea Good, MO; James Grimm, TX; Paul Grosdidier, KS; Kristin Haas, VT; Thomas Hagerty, MN; Thomas Hairgrove, TX; Rod Hall, OK; Steven Halstead, MI; William Hare, 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; Annette Jones, CA; Dena Jones, DC; Jamie Jonker, VA; Karen Jordan, NC; Donna Kelly, PA; Diane Kitchen, FL; Michael Kopp, IN; Daniel Kovich, VA; Eileen Kuhlmann, MN; Mary Lis, CT; Pat Long, NE; Travis Lowe, KS; Mary Luedeker, TX; Janet Maass, CO; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; David Meeker, VA; Antone Mickelson, WA; L Devon Miller, IN; Mendel Miller, SD; Julie Napier, NE; Sherrie Niekamp, IA; Sandra Norman, IN; Dustin Oedekoven, SD; Elizabeth Parker, TX; Boyd Parr, SC; Kris Petrini, MN; William Pittenger, MO; Jewell Plumley, WV; John Ragan, MD; Herbert Richards, HI; M. Gatz Riddell, Jr., AL; Keith Roehr, CO; Bill Sauble, NM; Travis Schaal, IA; Shawn Schafer, OH; David Schmitt, IA; Dennis Schmitt, MO; Stacey Schwabenlander, MN; Andy Schwartz, TX; Kathryn Simmons, DC; David Smith, NY; Harry Snelson, NC; Diane Stacy, LA; Philip Stayer, MS; Bruce Stewart-Brown, MD; Matthew Stone, NZ; Nick Striegel, CO; Scott Stuart, CO; Paul Sundberg, IA; Manoel Tamassia, NJ; Robert Temple, OH; Mary Kay Thatcher, DC; Beth Thompson, MN; Brad Thurston, IN; Tracy Tomascik, TX; Alberto Torres, AR; Bob Tully, KS; Charles Vail, CO; Liz Wagstrom, DC; Jennifer Walker, TX; Patrick Webb, IA; Gary Weber, MD; Ellen Wiedner, FL; Brad Williams, TX; Ellen Mary Wilson, NM; Josh Winegarner, TX; Nora Wineland, MO; Richard Winters, Jr., TX; Cindy Wolf, MN; Ernest Zirkle, NJ.

Committee Meeting: Wednesday – 8:00am-12:00pm; Chicago BC

USAHA/AAVLD Committee on Aquaculture

Chair: Kevin Snekvik, WA

Vice Chair: Lester Khoo, MS

Sara Ahola, CO; Marilyn Blair, ID; Deborah Brennan, GA; Stan Bruntz, CO; Beverly Byrum, OH; Nancy Chapman, MD; Fred Cunningham, MS; Koren Custer, WV; Ria de Grassi, CA; Nancy Frank, MI; Richard French, NH; Suzanne Gibbons-Burgener, WI; Betsy Hart, AR; Jerry Heidel, OR; Donald Hoenig, ME; Hui-Min Hsu, WI; John Huntley, WA; Donna Kelly, PA; Bruce King, UT; Kathy Kurth, WI; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Fernando Mardones, CA; Otis Miller, MD; Regg Neiger, SD; Jamie Ng, NY; Jenee Odani, HI; Lanny Pace, MS; Charles Palmer, CA; Amar Patil, NJ; Kris Petrini, MN; Nicholas B.D. Phelps, MN; James Roth, IA; John Sanders, WV; A. David Scarfe, IL; Robert Temple, OH; John Williams, MD; Anna Wilson, WI.

Committee Meeting: Sunday – 12:30-5:30pm; Chicago C

USAHA Audit Committee
Chair: Annette Jones, CA

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

Committee Meeting: Sunday – 12:00-1:00pm; Boardroom

Committee on Biologics & Biotechnology
Chair: Donna Gatewood, IA
Vice Chair: Joseph Huff, CO

Gary Anderson, KS; Joan Arnoldi, WI; Chris Ashworth, AR; Randall Berrier, CO; Barbara Determan, IA; Larry Elsken, IA; James England, ID; James Evermann, WA; William Fales, MO; Robert Fulton, OK; Larry Granger, CO; Keith Haffer, SD; Percy Hawkes, UT; Larry Hawkins, MO; Rudolf Hein, DE; Rick Hill, IA; Christine Hoang, IL; Lloyd Lauerman, WA; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; David Marshall, NC; Kent McClure, DC; Deoki Tripathy, IL; Bob Tully, KS; Gary Weber, MD; Brad Williams, TX; Mary Anne Williams, TX; Ellen Mary Wilson, NM.

Committee Meeting: Tuesday – 1:00-5:30pm; Benton AB

Committee on Bluetongue and Related Orbiviruses
Chair: N James Maclachlan, CA
Vice Chair: William Wilson, KS

T. Lynwood Barber, CO; Richard Breitmeyer, CA; Charles Brown II, WI; Kristina Brunjes, GA; Stan Bruntz, CO; 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; Paul Gibbs, FL; Chester Gipson, MD; Sophie Girtanner, ; Katherine Haman, BC; William Hartmann, MN; Percy Hawkes, UT; Larry Hawkins, MO; Richard Hesse, KS; Linda Hickam, MO; Thomas Holt, FL; Dennis Hughes, NE; Holly Hughes-Garza, TX; Bruce King, UT; Todd Landt, IA; Emily Lankau, GA; Randall Levings, IA; Francine Lord, ON; Travis Lowe, KS; David Marshall, NC; Daniel Mead, GA; Myrna Miller, WY; Eric Mohlman, NE; Igor Morozov, KS; Cheryl Nelson, KY; Dustin Oedekoven, SD; Eileen Ostlund, IA; Charles Palmer, CA; William Parker, GA; James Pearson, IA; William Pittenger, MO; Justin Roach, OK; Mark Ruder, KS; Shawn Schafer, OH; Charly Seale, TX; Laurie Seale, WI; Tom Smylie, ON; David Stallknecht, GA; Brian Standafer, MN; Brad Thurston, IN; Curt Waldvogel, OH; Mark Walter, PA; Skip West, OK.

Committee Meeting: Monday – 1:00-6:00pm; Empire C

Committee on Brucellosis
Chair: Jim Logan, WY
Vice Chairs: Bill Barton, ID; Tony Frazier, AL

John Adams, VA; J Lee Alley, AL; Neil Anderson, MT; George Badley, AR; Claude Barton, TN; C. Black, GA; Tom Bragg, NE; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Gary Brickler, CA; Nancy Brown, KS; William Brown, KS; Beth Carlson, ND; Robert Cobb, GA; Michael Coe, UT; Jim Collins, GA; Thomas Conner, OH; Walter Cook, TX; Joseph Corn, GA; Donald Davis, TX; Leah Dorman, OH; Mark Drew, ID; Anita Edmondson, CA; Dee Ellis, TX; Philip Elzer, LA; Steven England, NM; Donald Evans, KS; Mallory Gaines, DC; Francis Galey, WY; Tam Garland, TX; Richard Gerhold, TN; Robert Gerlach, AK; Arnold Gertonson, CO; Michael Gilsdorf, MD; Linda Glaser, MN; Chelsea Good, MO; Rod Hall, OK; William Hartmann, MN; Greg Hawkins, TX; Carl Heckendorf, CO; Linda Hickam, MO; Bob Hillman, ID; Dennis Hughes, NE; David Hunter, MT; Jamie Jonker, VA; Mandy Kauffman, WY; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; Paul Kohrs, WA; Maria Koller-Jones, ON; John Lawrence, ME; Maxwell Lea, Jr., LA; Brad LeaMaster, OR; Eric Liska, MT; Laurent O'Gene Lollis, FL; Travis Lowe, KS; Mary Luedeker, TX; Christian Mackay, MT; Bret Marsh, IN; Barbara Martin, IA; Chuck Massengill, MO; Leslie McFarlane, UT; Paul McGraw, WI; Eric Mohlman, NE; Ernie Morales, TX; Sherrie Nash, MT; Cheryl Nelson, KY; Dustin Oedekoven, SD; Elizabeth Parker, TX; Janet Payeur, IA; Alejandro Perera, ; William Pittenger, MO; Valerie Ragan, MD; Jennifer Ramsey, MT; Jeanne Rankin, MT; Tom Ray, NC; Suelee Robbe-Austerman, IA; Keith Roehr, CO; Shawn Schafer, OH;

David Schmitt, IA; Brant Schumaker, WY; Andy Schwartz, TX; Charly Seale, TX; Kathryn Simmons, DC; Daryl Simon, MN; Marilyn Simunich, ID; Robert Stout, KY; Nick Striegel, CO; Paul Sundberg, IA; Lee Ann Thomas, MD; Tracy Tomascik, TX; Darren Turley, TX; Curt Waldvogel, OH; James Watson, MS; Diana Whipple, IA; Margaret Wild, CO; Richard Willer, HI; Larry Williams, NE; Kyle Wilson, TN; Thach Winslow, WY; Mary Wood, WY; Ching Ching Wu, IN; Marty Zaluski, MT; Glen Zebarth, MN.

Committee Meeting: Monday – 1:00-6:00pm; New York B
Scientific Advisory Subcommittee on Brucellosis – Sunday - 12:30-5:30pm; Chouteau A
Subcommittee on Brucellosis in the Greater Yellowstone Area – Sunday - 12:30-5:30pm; Chouteau A
Feral Swine Subcommittee on Brucellosis and Pseudorabies – Sunday - 12:30-5:30pm; Chouteau A

Committee on Captive Wildlife And Alternative Livestock
Chair: Peregrine Wolff, NV
Vice Chair: Julie Napier, NE

Thomas Albert, VA; Wilbur Amand, PA; Neil Anderson, MT; 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, GA; Kristina Brunjes, GA; Sarah Cannizzo, OR; Beth Carlson, ND; Andres Castro, DC; Meredith Clancy, NY; Donald Davis, TX; Barbara Determan, IA; Mark Drew, ID; John Fischer, GA; Nancy Frank, MI; Richard French, NH; Tam Garland, TX; Richard Gerhold, TN; 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; Michael Herrin, OK; Linda Hickam, MO; Robert Hilsenroth, FL; David Hunter, MT; John Huntley, WA; Donald Janssen, CA; Kevin Keel, CA; Karl Kinsel, TX; Diane Kitchen, FL; Todd Landt, IA; John Lawrence, ME; Francine Lord, ON; Travis Lowe, KS; Mary Luedeker, TX; David Marshall, NC; Chuck Massengill, MO; Leslie McFarlane, UT; Robert Meyer, WY; L Devon Miller, IN; 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; Keith Roehr, CO; Mark Ruder, KS; Emi Saito, OR; Shawn Schafer, OH; David Schmitt, IA; Dennis Schmitt, MO; Stephen Schmitt, MI; Roy Schultz, IA; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Daryl Simon, MN; Jonathan Sleeman, WI; David Smith, NY; Diane Stacy, LA; Manoel Tamassia, NJ; Cleve Tedford, TN; Robert Temple, OH; Charles Thoen, IA; Lee Ann Thomas, MD; Brad Thurston, IN; Rick Wahlert, CO; Curt Waldvogel, OH; Ray Waters, IA; Scott Wells, MN; Skip West, OK; Ellen Wiedner, FL; Margaret Wild, CO; Kyle Wilson, TN; Nora Wineland, MO; Richard Winters, Jr., TX; Jill Bryar Wood, TX; Mary Wood, WY; Glen Zebarth, MN.

Committee Meeting: Tuesday- 8:00am-12:00pm; Empire B

USAHA/AAVLD Committee on Diagnostic Laboratory & Veterinary Workforce Development
Chair: Michael Gilsdorf, MD
Vice Chair: Gary Anderson, KS

J Lee Alley, AL; Joan Arnoldi, WI; Bonnie Buntain, AB; Mike Chaddock, TX; Neville Clarke, TX; John Clifford, DC; Karen Conyngham, TX; Ron DeHaven, IL; James England, ID; Richard French, NH; Mallory Gaines, DC; Francis Gale, WY; Tam Garland, TX; William Hartmann, MN; Kristi Henderson, IL; Floyd Horn, MD; 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; Richard McCapes, CA; Terry McElwain, WA; Bennie Osburn, CA; Eileen Ostlund, IA; Gary Osweiler, IA; Donal O'Toole, WY; Kristy Pabilonia, CO; Lanny Pace, MS; Elizabeth Parker, TX; Jewell Plumley, WV; Barbara Powers, CO; Valerie Ragan, MD; Willie Reed, IN; M. Gatz Riddell, Jr., AL; Mo Saif, OH; Emi Saito, OR; A. David Scarfe, IL; Kathryn Simmons, DC; Kathryn Smith, KY; David Steffen, NE; Alfonso Torres, NY; Sherrilyn Wainwright, ; Richard Willer, HI; William Wilson, KS; David Zeman, SD.

Committee Meeting: Saturday – 3:00-7:00pm; Chouteau AB

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; Michael Filigenzi, CA; Francis Gale, WY; Tam Garland, TX; Cynthia Gaskill, KY; L. Wayne Godwin, FL; Ramesh Gupta, KY; Jeffery Hall, UT; Dwayne Hamar, CO; William Hare, MI; Brent Hoff, ON; Stephen Hooser, IN; Paula Imerman, IA; Laurent O'Gene Lollis, FL; Travis Mays, TX; David Meeker, VA; Sandra Morgan, OK; Michelle Mostrom, ND; Motoko Mukai, NY; Gene Niles, CO; Eileen Ostlund, IA; Stephanie Ostrowski, AL; Gary Osweiler, IA; Robert Poppenga, CA; John Rathje, IA; Jane Robens, MD; Wilson Rumbelha, IA; Nick Schrier, ON; Lori Smith, KY; Patricia Talcott, WA; Deon Van der Merwe, KS; Gary Weber, MD; Christina Wilson, IN.

Committee Meeting: Saturday – 3:30-6:30pm; Chicago C

USAHA/AAVLD Committee on Food and Feed Safety

Chair: Patrick McDonough, NY
Vice Chair: Craig Shultz, PA

David Ailor, DC; Deanna Baldwin, MD; Adrienne Bautista, CA; Richard Benton, MS; Karyn Bischoff, NY; Joseph Blair, VA; Richard Breitmeyer, CA; Deborah Brennan, GA; Dwight Bruno, NY; Beverly Byrum, OH; Jim Collins, GA; Kevin Custer, IA; Glenda Davis, AZ; Ignacio dela Cruz, MP; Tracy DuVernoy, MD; Robert Eisner, NJ; Kathy Finnerty, MA; Mallory Gaines, DC; Tam Garland, TX; Robert Gerlach, AK; Eric Gonder, NC; Chelsea Good, MO; William Hare, MI; Larry Hawkins, MO; Jay Hawley, IN; Jerry Heidel, OR; Jan Hershenhouse, CA; Joseph Hill, GA; Susanne Hinkley, NE; Christine Hoang, IL; Donald Hoenig, ME; Kristin Holt, GA; Clyde Hoskins, SC; Danny Hughes, AR; John Huntley, WA; Doreene Hyatt, CO; Susan Keller, ND; Barry Kelly, CA; Hailu Kinde, CA; Jennifer Koeman, IA; Daniel Lafontaine, MD; T.R Lansford, TX; Dale Lauer, MN; Elizabeth Lautner, IA; Arthur Layton, MT; Karen Liljebjelke, AB; Tsang Long Lin, IN; Laurent O'Gene Lollis, FL; John Mahoney, MN; Bret Marsh, IN; David Marshall, NC; Katherine McNamara, VT; David Meeker, VA; Shelley Mehlenbacher, VT; Motoko Mukai, NY; Nicole Neeser, MN; Gene Niles, CO; Richard Oberst, KS; Ogi Okwumabua, WI; Kenneth Olson, IL; Stephanie Ostrowski, AL; Gary Osweiler, IA; Lanny Pace, MS; Elizabeth Parker, TX; Lynn Post, TX; John Ragan, MD; Lisa Ramsey, VA; Stephen Raverty, BC; Renate Reimschuessel, MD; Grant Rezabek, OK; M. Gatz Riddell, Jr., AL; Jane Robens, MD; Mo Saif, OH; John Sanders, WV; Joni Scheffel, MN; Irene Schiller, ZH; David Schmitt, IA; Kathryn Simmons, DC; Harry Snelson, NC; Bruce Stewart-Brown, MD; Stan Stromberg, OK; Larry Thompson, MO; Bob Tully, KS; Liz Wagstrom, DC; Gary Weber, MD; Larry Williams, NE; Robert Wills, MS; Nora Wineland, MO.

Committee Meeting: Sunday – 1:30-5:30pm; Chicago A

Committee on Foreign and Emerging Diseases
Chair: Tammy Beckham, TX
Vice Chair: Alfonso Clavijo, TX

Helen Acland, PA; Bobby Acord, NC; John Adams, VA; L. Garry Adams, TX; Bruce Akey, TX; Wilbur Amand, PA; Gary Anderson, KS; Joan Arnoldi, WI; Lyndon Badcoe, WA; George Badley, AR; Karen Beck, NC; Lisa Becton, IA; Peter Belinsky, RI; Melissa Berquist, TX; Bob Bokma, MD; Philip Bradshaw, IL; Richard Breitmeyer, CA; Deborah Brennan, GA; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broaddus, VA; Corrie Brown, GA; Charles Brown II, WI; Johnny Callahan, TX; Jon Caspers, IA; Nancy Chapman, MD; Gregory Christy, FL; Jeein Chung, MN; Neville Clarke, TX; Matt Cochran, TX; Leslie Cole, OK; Thomas Conner, OH; Joseph Corn, GA; Paula Cowen, CO; Stephen Crawford, NH; Wendy Cuevas-Espelid, GA; 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; Dee Ellis, TX; Larry Elskan, IA; Francois Elvinger, VA; Peter Fernandez, AA; Katherine Flynn, CA; Heather Fowler, MN; W. Kent Fowler, CA; Richard French, NH; Mallory Gaines, DC; Tam Garland, TX; Cyril Gay, MD; Robert Gerlach, AK; Paul Gibbs, FL; Samantha Gibbs, MD; Colin Gillin, OR; Michael Gilsdorf, MD; Linda Glaser, MN; Timothy Goldsmith, MN; Paul Grosdidier, KS; James Mark Hammer, NC; Cathleen Hanlon, GA; William Hare, MI; Greg Hawkins, TX; Larry Hawkins, MO; Rudolf Hein, DE; Jan Hershenhouse, CA; Richard Hesse, KS; Linda Hickam, MO; Rick Hill, IA; Donald Hoenig, ME; Lindsey Holmstrom, TX; Thomas Holt, FL; Floyd Horn, MD; Dennis Hughes, NE; Holly Hughes-Garza, TX; Pamela Hullinger, CA; David Hunter, MT; John Huntley, WA; Carla Huston, MS; Annette Jones, CA; Barbara Kamicker, NY; Gary Kinder, WV; Paul Kohrs, WA; Darlene Konkle, WI; Charlotte Krugler, SC; Elizabeth Krushinskie, DE; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; Tsang Long Lin, IN; Linda Logan, TX; Pat Long, NE; Francine Lord, ON; Margie Lyness, GA; Janet Maass, CO; John Mahoney, MN; Edward Mallinson, MD; Bret Marsh, IN; David Marshall, NC; Barbara Martin, IA; Michael Martin, SC; Sarah Mason, NC; Rose Massengill, MO; Todd McAloon, MN; Tracy McCracken, ; Thomas McKenna, ; David Meeker, VA; Shelley Mehlenbacher, VT; Gay Miller, IL; Frank Milward, GA; Ray Mobley, FL; Janice Mogan, IA; Igor Morozov, KS; Lee Myers, GA; Thomas Myers, MD; Sherrie Nash, MT; Cheryl Nelson, KY; Sandra Norman, IN; James Novy, TX; Kenneth Olson, IL; Stephanie Ostrowski, AL; Kristy Pablonia, CO; Lanny Pace, MS; Charles Palmer, CA; Elizabeth Parker, TX; Roger Parker, TX; William Parker, GA; Boyd Parr, SC; Jeanne Rankin, MT; Tom Ray, NC; Anette Rink, NV; Keith Roehr, CO; James Roth, IA; Mark Ruder, KS; Emi Saito, OR; Mo Salman, CO; John Sanders, WV; A. David Scarfe, IL; Shawn Schafer, OH; David Schmitt, IA; Dan Sheesley, DC; Heather Simmons, TX; Kathryn Simmons, DC; Marilyn Simunich, ID; Jonathan Sleeman, WI; Tom Smylie, ON; Harry Snelson, NC; Diane Stacy, LA; Mike Starkey, MN; Nick Striegel, CO; David Suarez, GA; David Swayne, GA; Manoel Tamassia, NJ; Rodney Taylor, NM; Belinda Thompson, NY; Beth Thompson, MN; Brad Thurston, IN; Jimmy Tickel, NC; Peter Timm, CA; Peter Timoney, KY; Alfonso Torres, NY; Susan Trock, GA; Paul Ugstad, NC; Arnaldo Vaquer, VA; Liz Wagstrom, DC; Sherrilyn Wainwright, ; Mark Walter, PA; Patrick Webb, IA; Steve Weber, CO; Margaret Wild, CO; Richard Willer, HI; Brad Williams, TX; John Williams, MD; Larry Williams, NE; Sharon Williams, AR; William Wilson, KS; Josh Winegarner, TX; Richard Winters, Jr., TX; Ching Ching Wu, IN.

Time-Specific Paper

12:10pm - Emerging Diseases of Global Concern with a Focus on Middle East Respiratory Syndrome – Markos Tibbos

Committee Meeting: Tuesday – 8:00am-5:30pm; New York, AB

**Committee on Government Relations
Chair: David Schmitt, IA**

Stephen Crawford, NH; Barbara Determan, IA; Christine Hoang, IL; Annette Jones, CA; Bruce King, UT; Bret Marsh, IN; David Meeker, VA; Boyd Parr, SC; 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, TN
Vice Chair: Robert Blomme, IA**

Bobby Acord, NC; Debbie Barr, ON; Bob Bokma, MD; Joyce Bowling-Heyward, MD; Gary Brickler, CA; Charles Brown II, WI; Stan Bruntz, CO; Jess Burner, TX; Ignacio dela Cruz, MP; Larry Elsen, IA; Effingham Embree, Jr., IL; Amelita Facchiano, TX; William Fales, MO; Mallory Gaines, DC; Julie Gard, AL; Paul Gibbs, FL; Chester Gipson, MD; Tony Good, OH; Cathleen Hanlon, GA; Percy Hawkes, UT; Rick Hill, IA; Robert Hilsenroth, FL; Donald Hoenig, ME; Floyd Horn, MD; Laurie Hueneke, DC; Annette Jones, CA; Elizabeth Lautner, IA; R.J. Layher, DC; Kevin Maher, IA; Brittany McCauslin, CO; Susan McClanahan, MN; David Meeker, VA; Gay Miller, IL; Richard Mitchell, CT; Sandra Norman, IN; Elizabeth Parker, TX; James Pearson, IA; Alejandro Perera, ; William Pittenger, MO; Herbert Richards, HI; Paul Rodgers, WV; Larry Samples, PA; A. David Scarfe, IL; Travis Schaal, IA; Shawn Schafer, OH; Kathryn Simmons, DC; Peter Timoney, KY; Alberto Torres, AR; Charles Vail, CO; Arnaldo Vaquer, VA; Mark Walter, PA; James Watson, MS; Patrick Webb, IA; Roger Weigle, WI; Brad Williams, TX; Mary Anne Williams, TX; William Wilson, KS; David Winters, TX; Richard Winters, Jr., TX; Cindy Wolf, MN;

Committee Meeting: Sunday – 12:30-5:30pm; Chouteau B

**Committee on Infectious Diseases Of Cattle, Bison And Camelids
Chair: James Evermann, WA
Vice Chair: Chuck Massengill, MO**

Helen Acland, PA; Chris Ashworth, AR; Gary Brickler, CA; Charlie Broaddus, 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; Betsy Flores, VA; W. Kent Fowler, CA; Robert Fulton, OK; Donna Gatewood, IA; Michael Greenlee, NV; Keith Haffer, SD; Thomas Hairgrove, TX; Rod Hall, OK; Timothy Hanosh, NM; Percy Hawkes, UT; Carl Heckendorf, CO; Del Hensel, CO; Linda Hickam, MO; Floyd Horn, MD; Dennis Hughes, NE; David Hunter, MT; Annette Jones, CA; Paul Jones, AL; Bruce King, UT; Diane Kitchen, FL; John Lawrence, ME; James Leafstedt, SD; Howard Lehmkuhl, IA; Scott Leibsle, ID; Rick Linscott, ME; Pat Long, NE; Francine Lord, ON; Janet Maass, CO; Patrick McDonough, NY; Shelley Mehlenbacher, VT; Mendel Miller, SD; Richard Mock, NC; Cheryl Nelson, KY; Jewell Plumley, WV; Jeanne Rankin, MT; Herbert Richards, HI; Julia Ridpath, IA; Keith Roehr, CO; Mark Ruder, KS; Bill Sauble, NM; Kathryn Simmons, DC; Ben Smith, WA; Justin Smith, KS; Tom Smylie, ON; Nick Striegel, CO; Manoel Tamassia, NJ; Rodney Taylor, NM; Robert Temple, OH; Charles Thoen, IA; Paul Virkler, NY; Brad Williams, TX; William Wilson, KS.

Committee Meeting: Sunday – 12:30-5:30pm; Pershing East(Westin Hotel)

**Committee on Infectious Diseases Of Horses
Chair: Andy Schwartz, TX
Vice Chair: Katherine Flynn, CA**

Helen Acland, PA; George Badley, AR; Debbie Barr, ON; Tony Benz, MO; C. Black, GA; Becky Brewer-Walker, AR; Charlie Broaddus, VA; Stan Bruntz, CO; Clarence Campbell, FL; Craig Carter, KY; Stephen Crawford, NH; Glenda Davis, AZ; Brandon Doss, AR; Edward Dubovi, NY; Adam Eichelberger, SC; Dee Ellis, TX; J Amelita Facchiano, TX; Edward 'Rusty' Ford, KY; W. Kent Fowler, CA; Tony Frazier, AL; Robert Gerlach, AK; Paul Gibbs, FL; Michael Greenlee, NV; Kristin Haas, VT; Steven Halstead, MI; Timothy Hanosh, NM; William Hare, MI; Greg Hawkins, TX; Carl Heckendorf, CO; Michael Herrin, OK; Floyd Horn, MD; Bruce King, UT; Paul Kohrs, WA; T.R. Lansford, TX; R.J. Layher, DC; Maxwell Lea, Jr., LA; Donald Lein, NY; Mary Lis, CT; Francine Lord, ON; Kevin Maher, IA; Patrick McDonough, NY; Richard Mitchell, CT; Linda Mittel, NY; Lee Myers, GA; Cheryl Nelson, KY; Jeffrey Nelson, IA; Sandra Norman, IN; Don Notter, KY; Eileen Ostlund, IA; Boyd Parr, SC; Jewell Plumley, WV; Jeanne Rankin, MT; Grant Rezabek, OK; Anette Rink, NV; 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; Rodney Taylor, NM; Peter Timoney, KY; Josie Traub-Dargatz, CO; Susan Trock, GA; Charles Vail, CO; Ron Vin, MA; James Watson, MS; Ellen Mary Wilson, NM; Ernest Zirkle, NJ.

Committee Meeting: Monday – 1:00-6:00pm; New York A

Time-Specific Papers

1:45pm - Merging Pathogen Surveillance and Research; Stealth Persistence of an Ema Superfamily Variant of *Theileria equi* - Don Knowles

3:45pm - The Significance of Surra as an Infection in Horses - Peter Timoney

Committee on International Standards

Chair: Donald Hoenig, ME

Vice Chair: Richard Willer, HI

Chelsea Anderson, NY; Joan Arnoldi, WI; Debbie Barr, ON; Bob Bokma, MD; Corrie Brown, GA; Stan Bruntz, CO; Jeein Chung, MN; John Clifford, DC; Karen Conyngham, TX; Michael David, MD; Ron DeHaven, IL; Peter Fernandez, AA; John Fischer, GA; Betsy Flores, VA; Mallory Gaines, DC; Jane Galyon, IA; Cyril Gay, MD; Paul Gibbs, FL; Gail Golab, IL; William Hartmann, MN; Percy Hawkes, UT; Rick Hill, IA; Annette Jones, CA; Karen Jordan, NC; Susan Keller, ND; Bruce King, UT; Elizabeth Lautner, IA; Randall Levings, IA; Linda Logan, TX; Kevin Maher, IA; Bret Marsh, IN; Todd McAloon, MN; Tracy McCracken, ; Shirley McKenzie, NC; Jamie Ng, NY; Kenneth Olson, IL; Elizabeth Parker, TX; John Ragan, MD; Herbert Richards, HI; James Roth, IA; Mo Salman, CO; A. David Scarfe, IL; Katherine Schuhmacher, NY; Heather Simmons, TX; Kathryn Simmons, DC; Jonathan Sleeman, WI; Matthew Stone, NZ; Manoel Tamassia, NJ; Peter Timoney, KY; Alfonso Torres, NY; Arnaldo Vaquer, VA; Sherrilyn Wainwright, ; Steve Weber, CO; John Williams, MD; Mary Anne Williams, TX; Nora Wineland, MO.

Committee Meeting: Monday – 1:00-6:00pm; Empire B

Committee on Johne's Disease

Chair: Elisabeth Patton, WI

Vice Chairs: David Smith, NY

John Adams, VA; Bruce Addison, MO; Paul Anderson, MN; Richard Breitmeyer, CA; Charles Brown II, WI; Todd Byrem, MI; Yung Fu Chang, NY; Michael Collins, WI; Thomas Conner, OH; 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; William Hare, MI; Linda Hickam, MO; Donald Hoenig, ME; David Hunter, MT; Carla Huston, MS; Annette Jones, CA; Jamie Jonker, VA; Karen Jordan, NC; Susan Keller, ND; Gerald Kitto, ND; John Lawrence, ME; Donald Lein, NY; Tsang Long Lin, IN; Mary Lis, CT; Laurent O'Gene Lollis, FL; Beth Mamer, ID; Chuck Massengill, MO; Jay Mattison, WI; Antone Mickelson, WA; Jeffrey Nelson, IA; Dustin Oedekoven, SD; Kenneth Olson, IL; Lanny Pace, MS; Elizabeth Parker, TX; Boyd Parr, SC; Janet Payeur, IA; Kris Petrini, MN; Jewell Plumley, WV; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Allen Roussel, Jr., TX; Patricia Scharko, SC; Andy Schwartz, TX; Kathryn Simmons, DC; Marilyn Simunich, ID; Shri Singh, KY; Judy Stabel, IA; Scott Stuart, CO; Tahnee Szymanski, MT; Robert Temple, OH; Charles Thoen, IA; Brad Thurston, IN; James Watson, MS; Gary Weber, MD; Scott Wells, MN; Diana Whipple, IA; Robert Whitlock, PA; Ching Ching Wu, IN.

Committee Meeting: Sunday – 12:30-5:30pm; Empire A

Committee on Livestock Identification

Chair: William Brown, KS

Vice Chair: Kevin Maher, IA

Sara Ahola, CO; J Lee Alley, AL; Joan Arnoldi, WI; James Averill, MI; Bill Barton, ID; Karen Beck, NC; Tony Benz, MO; C. Black, GA; Richard Breitmeyer, CA; Paul Brennan, IN; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broaddus, VA; Nancy Brown, KS; Jess Burner, TX; Jon Caspers, IA; Alan Clark, WI; Robert Cobb, GA; Matt Cochran, TX; Michael Coe, UT; Jim Collins, GA; Karen Conyngham, TX; Fred Cunningham, MS; Koren Custer, WV; Brandon Doss, AR; Anita Edmondson, CA; Adam Eichelberger, SC; James England, ID; J Amelita Facchiano, TX; Kathy Finnerty, MA; Betsy Flores, VA; Tony Forshey, OH; Robert Fourdraine, WI; W. Kent Fowler, CA; Tony Frazier, AL; Mallory Gaines, DC; Chelsea Good, MO; 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; Jay Hawley, IN; Carl Heckendorf, CO; Julie Helm, SC; Kristi Henderson, IL; Bob Hillman, ID; Donald Hoenig, ME; Joseph Huff, CO; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Regina Jensen, DE; Jamie Jonker, VA; Susan Keller, ND; Bradley Keough, KY; Bruce King, UT; Diane Kitchen, FL; Gerald Kitto, ND; T.R. Lansford, TX; Maxwell Lea, Jr., LA; James Leafstedt, SD; Brad LeaMaster, OR; Mary Lis, CT; Jim Logan, WY; Laurent O'Gene Lollis, FL; Francine Lord, ON; Mary Luedeker, TX; Gordon 'Cobbie' Magness, SD; Bret Marsh, IN; Stu Marsh, AZ; David Marshall, NC; Michael Martin, SC; Rose Massengill, MO; Jay Mattison, WI; Paul McGraw, WI; Thomas McKenna, ; Shelley Mehlenbacher, VT; Mendel Miller, SD; Ronald Miller, PA; Ernie Morales, TX; Richard Odum, VA; Kenneth Olson, IL; Greg Onstott, MO; Elizabeth Parker, TX; Boyd Parr, SC; Alejandro Perera, ; Jewell Plumley, WV; John Ragan, MD; Valerie Ragan, MD; Jeanne Rankin, MT; Tom Ray, NC; Justin Roach, OK; Nancy Robinson, MO; Keith Roehr, CO; Larry Samples, PA; Bill Sauble, NM; A. David Scarfe, IL; Shawn Schafer, OH; Stacey Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Craig Shultz, PA; Richard Sibbel, IA; Kathryn Simmons, DC; David Smith, NY; Diane Stacy, LA; Robert Stout, KY; Nick Striegel, CO; Scott Stuart, CO; Paul Sundberg, IA; Tahnee Szymanski, MT; Manoel Tamassia, NJ; Beth Thompson, MN; Tracy Tomascik, TX; Arnaldo Vaquer, VA; Rick Wahlert, CO; Mark Walter, PA; James Watson, MS; Patrick Webb, IA; Richard Wilkes, VA;

John Williams, MD; Kyle Wilson, TN; Josh Winegarner, TX; Thach Winslow, WY; David Winters, TX; Cindy Wolf, MN; Marty Zaluski, MT; Glen Zebarth, MN; Ernest Zirkle, NJ.

Committee Meeting: Tuesday – 8:00am-12:00pm; Chicago BC

USAHA/AAVLD Committee on NAHLN

Chair: Harry Snelson, NC

Vice Chair: Barbara Powers, CO

Helen Acland, PA; John Adaska, CA; Bruce Akey, TX; Gary Anderson, KS; A. Catherine Barr, TX; Bill Barton, ID; Tim Baszler, WA; Tammy Beckham, TX; Steven Bolin, MI; Richard Breitmeyer, CA; James Britt, AR; Sandra Bushmich, CT; Beverly Byrum, OH; Craig Carter, KY; Estela Cornaglia, QC; Marie Culhane, MN; Sherrill Davison, PA; Barbara Determan, IA; Francois Elvinger, VA; Mallory Gaines, DC; Joseph Garvin, VA; Patrick Halbur, IA; Steven Halstead, MI; Timothy Hanosh, NM; Bob Hillman, ID; Lindsey Holmstrom, TX; Stephen Hooser, IN; Holly Hughes-Garza, TX; Pamela Hullinger, CA; Bill Johnson, OK; Jay Kammerzell, CO; Jim Kistler, CA; Jim Kistler, FL; Elizabeth Lautner, IA; Christina Loiacono, IA; David Marshall, NC; Barbara Martin, IA; Terry McElwain, WA; Michael McIntosh, NY; Thomas McKenna, ; Dustin Oedekoven, SD; Kristy Pabilonia, 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; Bruce Stewart-Brown, MD; Rodney Taylor, NM; David Zeman, SD.

Committee Meeting: Sunday – 12:00-3:00pm; New York A

Committee on Nominations And Resolutions

Chair: David Marshall, NC

J Lee Alley, AL; Philip Bradshaw, IL; Richard Breitmeyer, CA; Jones Bryan, SC; Clarence Campbell, FL; 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; Michael Marshall, UT; Richard McCapes, CA; David Meeker, VA; Lee Myers, GA; John Ragan, MD; Glenn Rea, OR; Michael Short, FL; Scott Stuart, CO; Nick Striegel, 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; Bob Bokma, MD; Corrie Brown, GA; Matt Cochran, TX; Joseph Corn, GA; Mark Davidson, CO; Barbara Determan, IA; Anita Edmondson, CA; Richard Gerhold, TN; Chester Gipson, MD; Thomas Hairgrove, TX; Greg Hawkins, TX; Larry Hawkins, MO; Linda Hickam, MO; Bob Hillman, ID; Thomas Holt, FL; Charlotte Krugler, SC; Linda Logan, TX; Francine Lord, ON; Travis Lowe, KS; Mary Luedeker, TX; David Marshall, NC; Terry McElwain, WA; Daniel Mead, GA; Eric Mohlman, NE; Ernie Morales, TX; Don Notter, KY; James Novy, TX; Boyd Parr, SC; Alejandro Perera, MEX ; Shawn Schafer, OH; Irene Schiller, ZH; Andy Schwartz, TX; Charly Seale, TX; David Smith, NY; Robert Stout, KY; Paul Ugstad, NC; Arnaldo Vaquer, VA; Sherrilyn Wainwright, ; James Watson, MS.

Committee Meeting: Wednesday – 8:00am-12:00pm; Chicago A

Committee on Pharmaceuticals

Chair: Christine Hoang, IL

Vice Chair: Liz Wagstrom, DC

Tom Burkgren, IA; Stephen Crawford, NH; Barbara Determan, IA; William Fales, MO; Timothy Goldsmith, MN; Eric Gonder, NC; Kristi Henderson, IL; Rick Hill, IA; 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; Benton AB

Committee on Public Health and Rabies

Chair: Sandra Norman, IN

Vice Chair: Nancy Frank, MI

Helen Acland, PA; Gary Anderson, KS; Scott Bender, AZ; Nancy Chapman, MD; Richard Chipman, NH; Joseph Corn, GA; Stephen Crawford, NH; Tarrie Crnic, KS; Koren Custer, WV; Donald Davis, TX; Ignacio dela Cruz, MP; Thomas DeLiberto, CO; Tracy DuVernoy, MD; Bridgid Elchos, MS; Donna Gatewood, IA; Richard Gerhold, TN; Robert Gerlach, AK; Keith Haffer, SD; Steven Halstead, MI; Cathleen Hanlon, GA; Bill Hawks, DC; Jan Hershenhouse, CA; Rick Hill, IA; Christine Hoang, IL; Donald Hoenig, ME; Kristin Holt, GA; Dennis Horter, TN; Regina Jensen, DE; Spangler Klopp, DE; Carrie Klumb, MN; Jennifer Koeman, IA; Daniel Kovich, VA; Emily Lankau, GA; Donald Lein, NY; Margie Lyness, GA; Joanne Maki, GA; Rose Massengill, MO; Patrick McDonough, NY; Shirley McKenzie, NC; David Meeker, VA; Lee Myers, GA; Cheryl Nelson, KY; Marguerite Pappaioanou, MD; Roger Parker, TX; William Parker, GA; Kris Petrini, MN; Jewell Plumley, WV; Jane Rooney, MD; Leon Russell, Jr., TX; John Sanders, WV; Joni Scheftel, MN; Stacey Schwabenlander, MN; Michael Short, FL; Tom Sidwa, TX; Jonathan Sleeman, WI; Nick Striegel, CO; Paul Sundberg, IA; Manoel Tamassia, NJ; Belinda Thompson, NY; Brad Thurston, IN; Liz Wagstrom, DC; Michele Walsh, ME; Margaret Wild, CO; Nora Wineland, MO; Stephanie Yendell, MN.

Committee Meeting: Tuesday – 1:00-5:30pm; Chicago A

Committee on Salmonella
Chair: Doug Waltman, GA
Vice Chair: Richard Sellers, VA

David Ailor, DC; Chris Ashworth, AR; Deanna Baldwin, MD; Stacey Bosch, GA; Richard Breitmeyer, CA; Paul Brennan, IN; Dwight Bruno, NY; Jones Bryan, SC; Yung Fu Chang, NY; Kevin Custer, IA; Sherrill Davison, PA; Brandon Doss, AR; Tracy DuVernoy, MD; Tony Frazier, AL; Mallory Gaines, DC; Richard Gast, GA; Eric Gingerich, IN; Eric Gonder, NC; Jean Guard, GA; Scott Gustin, AR; Rudolf Hein, DE; Julie Helm, SC; Bill Hewat, AR; Danny Hughes, AR; Eric Jensen, AL; Annette Jones, CA; Barry Kelly, CA; Spangler Klopp, DE; Jennifer Koeman, IA; Michael Kopp, IN; Elizabeth Krushinskie, DE; Dale Lauer, MN; Elizabeth Lautner, IA; Tsang Long Lin, IN; Rick Linscott, ME; Edward Mallinson, MD; Beth Mamer, ID; Sarah Mason, NC; Patrick McDonough, NY; David Meeker, VA; Alfred Montgomery, DC; Thomas Myers, MD; Kakambi Nagaraja, MN; Steve Olson, MN; Kristy Pabilonia, CO; Lynn Post, TX; G. Donald Ritter, DE; Charles Roney, GA; A. Gregorio Rosales, AL; John Sanders, WV; Travis Schaal, IA; Joni Scheftel, MN; Tom Sidwa, TX; Terry Slaten, AL; John Smith, GA; Bruce Stewart-Brown, MD; Patricia Stonger, WI; Belinda Thompson, NY; Alberto Torres, AR; Bob Tully, KS; Liz Wagstrom, DC; Don Waldrip, TN; Scott Wells, MN; Nora Wineland, MO; Ching Ching Wu, IN.

Committee Meeting: Tuesday – 8:00am-12:00pm; Chicago A

Committee on Scrapie
Chair: Kris Petrini, MN
Vice Chair: Cheryl Miller, IN

Scott Bender, AZ; Deborah Brennan, GA; Beth Carlson, ND; John Clifford, DC; Thomas Conner, OH; Walter Cook, TX; Stephen Crawford, NH; Nancy East, CA; William Edmiston, TX; Anita Edmondson, CA; Dee Ellis, TX; Keith Forbes, NV; Larry Forgey, MO; Michael Gilsdorf, MD; William Hartmann, MN; Carl Heckendorf, CO; Paul Jones, AL; Susan Keller, ND; James Leafstedt, SD; Mary Lis, CT; Jim Logan, WY; Shirley McKenzie, NC; Ronald Miller, PA; Charles Palmer, CA; Elisabeth Patton, WI; Jewell Plumley, WV; Justin Roach, OK; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Joan Dean Rowe, CA; Ben Smith, WA; Scott Stuart, CO; Diane Sutton, MD; Manoel Tamassia, NJ; Stephen White, WA; Nora Wineland, MO; David Winters, TX; Cindy Wolf, MN.

Committee Meeting: Tuesday – 9:00am-12:00pm; Chouteau A
National Scrapie Oversight Board – Tuesday 8:00-9:00am; Chouteau A

Committee on Sheep And Goats
Chair: William Edmiston, TX
Vice Chair: Don Knowles, WA

Scott Bender, AZ; Deborah Brennan, GA; John Clifford, DC; Thomas Conner, OH; Walter Cook, TX; Stephen Crawford, NH; Nancy East, CA; Effingham Embree, Jr., IL; Chester Gipson, MD; Joseph Huff, CO; Paul Jones, AL; Eileen Kuhlmann, MN; James Leafstedt, SD; Howard Lehmkuhl, IA; Mary Lis, CT; Jim Logan, WY; Linda Logan, TX; Francine Lord, ON; David Marshall, NC; Chuck Massengill, MO; Cheryl Miller, IN; Ronald Miller, PA; Jeffrey Nelson, IA; Charles Palmer, CA; Kris Petrini, MN; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Joan Dean Rowe, CA; Mo Salman, CO; A. David Scarfe, IL; Diane Sutton, MD; Peter Timm, CA; 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; Chouteau A

Committee on The Program
Chair: Bruce King, UT

Tammy Beckham, TX; Lisa Becton, IA; Bonnie Buntain, AB; Stephen Crawford, NH; Barbara Determan, IA; William Edmiston, TX; Dee Ellis, TX; Mark Engle, TN; James Evermann, WA; Donna Gatewood, IA; Colin Gillin, OR; Michael Gilsdorf, MD; Gail Golab, IL; Steven Halstead, MI; Julie Helm, SC; Christine Hoang, IL; Donald Hoenig, ME; Annette Jones, CA; Dale Lauer, MN; Jim Logan, WY; N James Maclachlan, CA; Patrick McDonough, NY; David Meeker, VA; Sandra Norman, IN; Dustin Oedekoven, SD; Charles Palmer, CA; Boyd Parr, SC; Elisabeth Patton, WI; Kris Petrini, MN; David Schmitt, IA; Andy Schwartz, TX; Kevin Snekvik, WA; Harry Snelson, NC; Nick Striegel, CO; Larry Thompson, MO; Doug Waltman, GA; Peregrine Wolff, NV.

Committee Meeting: Saturday – 6:00-8:30pm; Empire C

Committee on Transmissible Diseases Of Poultry And Other Avian Species

Chair: Dale Lauer, MN

Vice Chair: Sarah Mason, NC

Bruce Akey, TX; John Atwell, NC; Lyndon Badcoe, WA; George Badley, AR; Deanna Baldwin, MD; Richard Breitmeyer, CA; Deborah Brennan, GA; Paul Brennan, IN; Nancy Chapman, MD; Steven Clark, NC; Stephen Crawford, NH; Tarric Crnic, KS; Sherrill Davison, PA; Thomas DeLiberto, CO; Brandon Doss, AR; Brigid Elchos, MS; Aly Fadly, MI; Naola Ferguson-Noel, GA; Larry Forgey, MO; Tony Forshey, OH; Nancy Frank, MI; Tony Frazier, AL; Samantha Gibbs, MD; Isabel Gimeno, NC; Eric Gingerich, IN; John Glisson, GA; Eric Gonder, NC; Tanya Graham, SD; James Grimm, TX; Paul Grosdidier, KS; Scott Gustin, AR; William Hartmann, MN; Rudolf Hein, DE; Julie Helm, SC; Michael Herrin, OK; Bill Hewat, AR; Linda Hickam, MO; Dee Hilliard, OK; Heather Hirst, DE; Donald Hoenig, ME; Guy Hohenhaus, MD; Floyd Horn, MD; Danny Hughes, AR; Dennis Hughes, NE; John Huntley, WA; Mark Jackwood, GA; Jarra Jagne, NY; Eric Jensen, AL; Annette Jones, CA; Donna Kelly, PA; Bradley Keough, KY; Gary Kinder, WV; Bruce King, UT; Spangler Klopp, DE; Michael Kopp, IN; Elizabeth Krushinskie, DE; Elizabeth Lautner, IA; Randall Levings, IA; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Mary Lis, CT; Edward Mallinson, MD; David Marshall, NC; Rose Massengill, MO; Todd McAloon, MN; Shelley Mehlenbacher, VT; Gay Miller, IL; Patti Miller, GA; Sarah Mize, CA; Kristi Moore Dorsey, KS; Lee Myers, GA; Thomas Myers, MD; Kakambi Nagaraja, MN; Jamie Ng, NY; Steve Olson, MN; Claudia Osorio, MD; Kristy Pabilonia, CO; Mary Pantin-Jackwood, GA; Boyd Parr, SC; James Pearson, IA; Jewell Plumley, WV; Willie Reed, IN; G. Donald Ritter, DE; Keith Roehr, CO; Charles Roney, GA; A. Gregorio Rosales, AL; Mo Saif, OH; John Sanders, WV; Yuko Sato, IN; Travis Schaal, IA; David Schmitt, IA; Andy Schwartz, TX; Marilyn Simunich, ID; Terry Slaten, AL; John Smith, GA; Philip Stayer, MS; Bruce Stewart-Brown, MD; Patricia Stonger, WI; Darrel Styles, MD; David Suarez, GA; David Swayne, GA; Manoel Tamassia, NJ; Alberto Torres, AR; Deoki Tripathy, IL; Susan Trock, GA; Arnaldo Vaquer, VA; Shauna Voss, MN; Patricia Wakenell, IN; Don Waldrip, TN; Doug Waltman, GA; James Watson, MS; Steve Weber, CO; Richard Wilkes, VA; Ching Ching Wu, IN; Ernest Zirkle, NJ.

Committee Meeting: Monday – 1:00-6:00pm; Chicago BC

Tuesday – 1:00-5:30pm; Chicago BC

Committee on Transmissible Diseases Of Swine

Chair: Harry Snelson, NC

Vice Chair: Lisa Becton, IA

Bobby Acord, NC; Gary Anderson, KS; Paul Anderson, MN; Karen Beck, NC; C. Black, GA; Robert Blomme, IA; Philip Bradshaw, IL; Becky Brewer-Walker, AR; Corrie Brown, GA; Nancy Brown, KS; Tom Burkgren, IA; Jim Collins, MN; Joseph Corn, GA; Fred Cunningham, MS; Thomas DeLiberto, CO; Dee Ellis, TX; Effingham Embree, Jr., IL; Mark Engle, TN; Tony Forshey, OH; Jim Fraley, IL; Nancy Frank, MI; Donna Gatewood, IA; Cyril Gay, MD; Michael Gilsdorf, MD; Timothy Goldsmith, MN; Larry Granger, CO; Thomas Hagerty, MN; Rod Hall, OK; James Mark Hammer, NC; William Hartmann, MN; Greg Hawkins, TX; Michael Herrin, OK; Richard Hesse, KS; Sam Hines, MI; James Kober, MI; Jennifer Koeman, IA; Charlotte Krugler, SC; Elizabeth Lautner, IA; James Leafstedt, SD; Donald Lein, NY; Tsang Long Lin, IN; Mary Luedeker, TX; Rodger Main, IA; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; Paul McGraw, WI; Gay Miller, IL; Richard Mock, NC; Jerome Niefeld, KS; Sandra Norman, IN; Gary Osweiler, IA; Kris Petrini, MN; Maryn Ptaschinski, IA; Tom Ray, NC; James Roth, IA; Mo Salman, CO; Joni Scheftel, MN; David Schmitt, IA; Richard Sibbel, IA; Mike Starkey, MN; Paul Sundberg, IA; Brad Thacker, MD; Lee Ann Thomas, MD; Beth Thompson, MN; Susan Trock, GA; Paul Ugstad, NC; Liz Wagstrom, DC; Patrick Webb, IA; Margaret Wild, CO; Larry Williams, NE; Ellen Mary Wilson, NM; Nora Wineland, MO; Paul Yeske, MN.

Committee Meeting: Monday – 1:00-6:00pm; Chicago A

Committee on Tuberculosis

Chair: Dustin Oedekoven, SD

Vice Chair: Beth Thompson, MN

John Adams, VA; Sara Ahola, CO; Bruce Akey, TX; Wilbur Amand, PA; Joan Arnoldi, WI; 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; Gary Brickler, CA; Charlie Broaddus, VA; William Brown, KS; Charles Brown II, WI; Mike

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Committee Meeting: Tuesday – 1:00-5:30pm; Empire ABC

Tuberculosis Scientific Advisory Subcommittee: Monday – 1:00-6:00pm; Benton AB

Committee on Wildlife Diseases

Chair: Colin Gillin, OR

Vice Chair: Peregrine Wolff, NV

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Committee Meeting: Sunday – 12:30-5:00pm; Empire BC

Hotel Floor Plan

AAVLD Exhibitors

AAVLD Exhibitors Floor Plan

Future USAHA/AAVLD Annual Meetings

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

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

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