



117th Annual Meeting
United States Animal Health Association
and
56th Annual Conference
American Association of
Veterinary Laboratory Diagnosticians



October 17-23, 2013
Town & Country Hotel
San Diego, California

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Welcome to
USAHA’s 117th Annual Meeting
and
AAVLD’s 56th Annual Conference

Announcements

USAHA/AAVLD Headquarters Hotel
Town and Country Hotel, San Diego, California

Registration Fees

On-Site Fee Schedule:

Member Registration.....	\$300.00
Non-Members Registration.....	\$450.00
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.....	\$ 75.00
USAHA 2014 Individual Dues.....	\$150.00
AAVLD 2014 Annual Dues.....	\$175.00
AAVLD 2014 Graduate Student or Resident Dues.....	\$ 25.00
AAVLD 2014 Associate Dues.....	\$ 35.00

You must register and have a badge to attend meetings.

Registration Schedule

Wednesday, October 16, 2013	3:00-6:00pm
Thursday, October 17, 2013	7:00am-6:00pm
Friday, October 18, 2013.....	7:00am-6:00pm
Saturday, October 19, 2013.....	7:00am-5:00pm
Sunday, October 20, 2013.....	7:00am-5:00pm
Monday, October 21, 2013.....	7:30am-5:00pm
Tuesday, October 22, 2013.....	7:30am-5:00pm
Wednesday, October 23, 2013.....	7:30-10:00am

Announcements (cont.)

AAVLD Exhibits/Posters

Exhibits and Posters – Golden Ballroom

Posters: Saturday, October 19 - 9:00am-6:00pm,
Authors present 3:00-4:00pm
Sunday, October 20 - 7:00-10:30am

Exhibits: Saturday, October 19 – 9:00am-6:00pm
(refreshments 9:00-10:30am, 11:30am-1:00pm, 3:00-6:00pm)

Exhibits: Sunday, October 20 - 9:00am-10:30am
(refreshments 9:00-10:30am)

Bulletin Board

The Bulletin Board will be located at Registration Area, Golden Pacific Foyer. Please check 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

Atlas Foyer

Sunday-Wednesday

Work Room

Terrace Salon 2

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

Stratford

Friday-Wednesday

AAVLD Posters

Saturday, October 19, 9:00am-6:00pm

Sunday, October 20, 7:00am-10:30am

Golden Ballroom – Authors present Saturday, 3:00–4:00pm

- 01 A Multiplexed Fluorometric Immunoassay for the Detection of Antibodies to *Actinobacillus pleuropneumoniae* 1-9-11 and 2 – *Andre Ch. Broes, Rajeev Dahwan, Elena Seletskaja, William Shek, Isabelle Caya, Martine Bertrand*
- 02 Bovichick BoHV-1 gB Antibody Test: A Blocking ELISA to Detect Antibodies to *Bovine Herpes Virus 1* in Bovine Serum – *Martine Bertrand, Isabelle Caya, Andre Ch. Broes*
- 03 A New *Bovine Viral Diarrhea Virus (BVDV)* Antigen Capture ELISA Test Kit for the Detection of BVDV in Ear Notches – *Martine Bertrand, Isabelle Caya, Andre Ch. Broes*
- 04 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, Nina French, Sarah Nemser, Renate Reimschuessel*
- 05 Localization of Influenza A Antigen in Formalin Fixed Avian Tissue Specimens by Immunohistochemistry – *Arach Wilson, Mia Torchetti, Rebecca Madison, Arthur J. Davis, S. Mark Hall, Janice Pedersen, Mary Killian, Nichole Hines, Nadine Beckwith*
- 06 #*† Genomic Comparison of the Novel Papillomavirus Isolated from the North American Beaver (*CcanPV1*) to Other Rodent Papillomaviruses – *Artem Rogovsky, Zigui Chen, Robert Burk, Troy Bankhead*
- 07 Temporospatial Analysis of Equine Encephalitis Positive Results by IgM ELISA on Equine Sera Submitted to the Texas A&M Veterinary Medical Diagnostic Laboratory over the Last Decade – *Binu Velayudhan, Sandy Rodgers, Terry Hensley, Robert Sprowls*
- 08 Reliable Detection and Typing of *Porcine Reproductive and Respiratory Syndrome (PRRS) Virus* using Multiplex Real-Time Reverse Transcriptase Polymerase Chain Reaction Assay Reagents – *Christine Gaunitz, Carsten Schroeder, Marco Labitzke, Eva Knoop, Nevena Djuranovic*
- 09 Eradication of *Bovine Viral Diarrhea Virus* from Thuringia's Biggest Heifer Producer with QIAGEN BVDV RT PCR Reagents – *Carsten Schroeder, Christine Gaunitz, Marco Labitzke, B. Dirchen*
- 10 Comparative Effects of Vaccination against *Porcine Circovirus* Type 2 (PCV2) and *Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)* in a PCV2-PRRSV Challenge Model – *Changhoon Park, Yeonsu Oh, Hwi Won Seo, Kiwon Han, Chanhee Chae*
- 11 *A Decade of Results from the Marine Mammal Stranding Project in Maryland – *Douglas Snider, Wilson Rumbelha, Steve M. Ensley*
- 12 Asymptomatic Bacteriuria in Female Dogs: Prevalence and Microbiologic Findings – *Wan Stephanie, Faye Hartmann, Michelle Jooss, Katrina Viviano*
- 13 #* An Outbreak of *West Nile Virus* and *Salmonella enterica* serovar Typhimurium Co-infection in Chukar Partridge Chicks (*Alectoris chukar*) in California – *Federico Giannitti, Christina Eckstrand, Santiago Diab, Leslie Woods*
- 14 #* Aleutian Disease in 4 Free-ranging Striped Skunks (*Mephitis mephitis*) from Northern California – *Federico Giannitti, Branson Ritchie, Paula Ciembor, Melanie Piazza, Denise Pesti, Mark Anderson*
- 15 #* Caprine Abortion: Fetal and Placental Lesions attributed to Natural *Chlamydophila pecorum* Infection – *Federico Giannitti, Myrna Miller, Jacqueline Cavender, Marce Vasquez, Joan Rowe, Mark Anderson*
- 16 #* Hepatitis Associated with *Reovirus* Infection in a Pigeon in California – *Federico Giannitti, Santiago Diab, Scott Fish, Peter R. Woolcock, Leslie Woods*

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

AAVLD Posters (cont.)

- 17 #* A Previously Undescribed Highly Divergent Circular DNA Viral Genome from the Liver of a Horse with Severe Hepatopathy – *Federico Giannitti, Linlin Li, Patricia Pesavento, John Cullen, John Madigan*
- 18 Generation of Animals Persistently Infected with HoBi-like Viruses and its Detection using RT-PCR, ELISA and IHC – *Fernando Bauermann, Shollie Falkenberg, Nicola Decaro, Aaron Harmon, Julia Ridpath*
- 19 Chronic Wasting Disease Infectivity in Peripheral Tissues of White-Tailed Deer (*Odocoileus virginianus*) – *Gordon Mitchell, Antanas Staskevicius, Patricia Shaffer, Nishandan Yogasingam, Luke Price, Norman Neumann, Aru Balachandran*
- 20 #* Phosphide Poisoning in 4 Equids in California – *Guillermo Rimoldi, Federico Giannitti, Adrienne Bautista, Snehla Tawde, Mark L. Anderson, Robert Poppenga*
- 21 PCR Ribotypes of *Clostridium difficile* Isolates from Pigs – *Ha-young Kim, Jae-Won Byun, Byeong Yeal Jung, Myoung-Heon Lee, Bumseok Kim*
- 22 *Clostridium difficile* in Diarrheic Korean Native Calves – *Ha-young Kim, Jae-Won Byun, Byeong Yeal Jung, Myoung-Heon Lee, Bumseok Kim*
- 23 A Case of Cardiomegaly in Brown Trout – *Hui-Min Hsu, Susan Marcquenski, Melissa Behr, Philip Bochsler, David Schmidt*
- 24 + Concurrent Pulmonary Malignant Peripheral Nerve Sheath Tumor and Thyroid Adenocarcinoma in a Dog – *Ji-Youl Jung, Kyung Hyun Lee, Hyun Kyoung Lee, Moon Young Rhyoo, Soon-Seek Yoon, You-Chan Bae, Myoung-Heon Lee*
- 25 Pathology of Natural *Nerium oleander* Intoxication in South American Camelids – *Jorge Garcia, Francisco Uzal, Federico Giannitti, Santiago Diab*
- 26 #*†+ Adrenal Necrosis and Thrombosis in a Dog Treated with Trilostane – *Kelly Hughes, Rob Bildfell, Lisa Parshley*
- 27 Evaluation of Effects of Media Conditions on Recovery and Identification of *Trichomonas foetus* – *Kris Clothier, Andrea Torain, Michelle Villanueva, Cynthia Hult*
- 28 Analytical Method for the Extraction of 2-Dodecylcyclobutanone from Glycerol-Treated, Irradiated Chicken Jerky Pet Treats – *Faris Hussain, J. Scott Smith, Christopher Sommers, Olgica Ceric, Renate Reimschuessel*
- 29 Locally Injected Autologous Platelet-Rich Plasma Improves Long Subdermal Plexus Skin Flap Survival but not Second Intention Wound Healing in Dogs – *Maria Karayannopoulou, Panayiotis Loukopoulos, Dimitra Psalla, George Kazakas, Nikolaos Giannakas, Ioannis Savvas, Maria Kritsepi, Lysimachos Papazoglou*
- 30 Uroperitoneum and Bilateral Renal Rupture in a Buck following Urethral and Urinary Bladder Obstruction due to Carbonate Apatite/Struvite Urolithiasis – *Nektarios Giadinis, Kalliopi Tsagkari, Evangelia Apostolidi, Victoria Siarkou, Panayiotis Loukopoulos*
- 31 Prevalence and Spectrum of Johne's Disease Lesions in Cattle Slaughtered at Two Abattoirs in Kampala, Uganda – *Julius Okuni, Manfred Reinacher, Panayiotis Loukopoulos, Lonzy Ojok*
- 32 # Non-Metastatic Pancreatic Adenocarcinoma with Persistent Hyperglycemia in a Horse – *Panayiotis Loukopoulos, David Ramey, Deborah Kemper, Philip Johnson, Francisco Uzal*
- 33 #* Development of Multiplex Real Time PCR Assays for the Detection and Quantification of the Six Major Non-O157 *Escherichia coli* Serogroups in Cattle Feces – *Pragathi B. Shridhar, Lance Noll, Baoyan An, Xiaorong Shi, T. Nagaraja, Jianfa Bai*
- 34 Simple and Rapid Method for the Detection of *Salmonella* in Environmental Samples in the Presence of High Background Flora by Real-Time PCR – *Quoc Hoang, Robert Tebbs, Michael Pettit, Rick Conrad*
- 35 Center for Veterinary Medicine's 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*

AAVLD Posters (cont.)

- 36 Rapid Isothermal Detection of Bovine Viral Diarrhea Virus (BVDV) RNA – *Jim Koelbl, Yogesh Chander, Michael Moser, Kathy L. Toohey-Kurth, Jennifer Godhardt-Cooper, Thomas Schoenfeld*
- 37 # An Immunofluorescence Antibody Test: A Novel Diagnostic Tool for Detection of *Mycoplasma synoviae* in Chickens – *Vijay Durairaj, Victoria Laibinis, Ruth Wooten, Naola Ferguson-Noel*
- 38 * Development of Serum Neutralization Assay for Detecting Neutralizing Antibodies against *Mycoplasma synoviae* – *Vijay Durairaj, Naola Ferguson-Noel*
- 39 A Rapid Molecular Diagnostic Test for Detection of Swine Pathogens – *Yogesh Chander, David Mead, Thomas Schoenfeld, Michael Moser*
- 40 HoBi-like Pestiviruses Persistently Infected Calves Transmit the Virus to Calves, Sheep, Goats and Pigs – *Fernando Bauermann, Shollie Falkenberg, Nicola Decaro, Aaron Harmon, Julia Ridpath*

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

Daily Events

Wednesday, October 16

Registration Hours: 3:00-6:00pm.

Daily Events

Thursday, October 17

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

AAVLD – Basic Bioinformatics for Developing and Monitoring PCR Assays
– 8:00am-12:00pm; Royal Palm Salon 1/2.

AAVLD – Staying Alive – Strategies for Laboratory Survival – 8:00am-12:00pm;
Pacific Salon 1.

AAVLD – NAHLN IT meeting – 1:00-5:00pm; Royal Palm Salon 5/6.

AAVLD – Accreditation Committee – 1:00-5:00pm; Pacific Salon 6/7
CLOSED SESSION, COMMITTEE MEMBERS ONLY.

AAVLD – Anaerobe Workshop – 1:00-5:00pm; Pacific Salon 3.

AAVLD – Veterinary LIRN Workshop – 1:00-5:00pm; Pacific Salon 4/5.

Daily Events

Friday, October 18

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

AAVLD – Financial Advisory Committee – 7:00-8:00am; Trellis Restaurant
CLOSED SESSION, COMMITTEE MEMBERS ONLY.

C. L. Davis: The Veterinary Pathologist and Forensics – 8:00am-5:30pm; Sunrise.
(\$125.00 Registration Fee required)

AAVLD – Publications Committee – 8:00-10:00am; Devonshire.

AAVLD – Accreditation Committee – 8:00am-12:00pm; Towne CLOSED SESSION,
COMMITTEE MEMBERS ONLY.

AAVLD – Informatics Committee – 8:00am-5:00pm; Pacific Salon 2.

AAVLD – Actinomycetes, Nocardia and Other Agents of Pyogranulomatous Lesions (mini-Bacti symposium) – 8:00am-12:00pm; Pacific Salon 3.

AAVLD – Parasitology Committee – 8:00am-12:00pm; Sunset.

AAVLD – Laboratory Emergency Management Committee – 8:00am-12:00pm;
Pacific Salon 1.

AAVLD – Epidemiology Committee – 10:00am-12:00pm; Royal Palm Salon 1.

AAVLD – Subcommittee on Bacteriology and Mycology – 11:00am-12:00pm;
Pacific Salon 3.

AAVLD – LCEM User Group – 11:00am-1:00pm; Royal Palm Salon 6.

USAHA – Executive Committee Luncheon and Meeting – 12:00-5:00pm – Devonshire.

National Assembly of State Animal Health Officials – 1:00-6:00pm – San Diego Ballroom.

AAVLD – Quality Assurance Committee – 1:00-5:00pm; Pacific Salon 1.

ABVT – Annual Meeting – 1:00-2:00pm; Royal Palm Salon 2.

AAVLD – Virology Committee – 1:00-4:00pm; Royal Palm Salon 4/5.

AAVLD – Executive Board – 1:00-5:00pm; Towne.

AAVLD – Subcommittee on Antimicrobial Susceptibility Testing Business Meeting – 1:00-2:00pm; Pacific Salon 3.

AAVLD – Bacteriology Steering Committee – 2:00-3:00pm; Pacific Salon 3.

AAVLD/AAVCT – Business Meeting and Case Presentations – 2:00-6:00pm;
Royal Palm Salon 1.

AAVLD – Poster Presentations setup – Golden Ballroom – 3:00-6:00pm.

AAVLD – Enteric Diseases Committee – 3:00-5:30pm; Pacific Salon 3.

AAVLD – Laboratory Technology Committee – 4:00-6:00pm; Royal Palm Salon 4/5.

Daily Events (cont.)

Friday, October 18

AAVLD – Editorial Board, Journal of Veterinary Diagnostic Investigation (JVDI) – 4:00-6:00pm; Esquire.

AAVLD – Membership Committee – 4:30-5:15pm; Pacific Salon 7.

AAVLD – Constitution, Bylaws and Resolutions Committee – 5:00-6:00pm;
Terrace Salon 1.

AAVLD – New Member Orientation – 5:15-6:00pm; Pacific Salon 1.

AAVLD – Reception and Foundation Auction – 6:00-9:00pm; Towne & Country
Ballroom.

AAVLD Posters

Golden Ballroom

Saturday, October 19, 9:00am-6:00pm; Sunday, October 20, 7:00am-10:30am

Authors Present 3:00-4:00pm

Daily Events

Saturday, October 19

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

AAVLD – Foundation Committee – 7:00-8:00am; Terrace Salon 1.

AAVLD – Plenary Scientific Session: Getting Ahead of the Ball: Diagnostic Adaptation in a Global Health Community – 7:45-11:30am; Pacific
Salon 1/2/3.

7:45am Welcome and Orientation - Catherine Barr

8:00am Interlaboratory Comparison of Equine Herpesvirus type 1 Polymerase Chain
Reaction Techniques Utilized in North American Diagnostic Facilities –
Timothy V. Baszler, Eileen Ostlund, Beate M. Crossley, Udeni BR Balasuriya,
Daniel Bradway, Erdal Erol, Donna Johnson, Dianne Rodman, Stephen Sells

8:40am H7N9 Emergence, Response, and Projections – Response in the Diagnostic
Community – *Mia Kim Torchetti*

9:20am Break (45 min)

10:05am Porcine Epidemic Diarrhea Virus's Emergence in the US: Events, Observations,
and Opportunities – *Rodger Main, Eric Burrough, Vickie Cooper, Phillip*
Gauger, Karen Harmon, Hai Hoang, Darin Madson, Kate Mueller, Angela
Pillatzki, Kent Schwartz, Wendy Stensland, Greg Stevenson, Dong Sun,
Kyoung-Jin Yoon, Jianqiang Zhang

10:45am It Takes a Diagnostic Village – *Beth Lautner*

11:10am Panel discussion – *Tom McKenna*

USAHA/AAVLD – Committee on Animal Emergency Management –
8:00am-1:00pm; Golden West Ballroom.

Time-Specific Paper

9:45am - Secure Food Supply Plans; Update on Current and Future Endeavors

Dr. James Roth, Director for the Center for Food Security and Public Health at
Iowa State University

USAHA EHV-1 Workshop – 8:00am-3:00pm; Royal Palm Salon 1/2.

Mycobacterial Diseases of Animals Multi-State Initiative – 7:00am-6:00pm, Sunset MDA Poster Session Listing

- 1 Comparison of Prionics® PC-HP and Prionics® PC-HP Peptide Cocktails and Purified Protein Derivatives for Use in the BOVIGAM® and BOVIGAM® 2G Assays. – *B. Schroeder, R. Hardegger, K. E. Bass, B. J. Nonnecke, M. V. Palmer, T. C. Thacker, W. R. Waters, J.-L. Moya, Marcus Doherr, E. Gormley, M. Vordermeier, and A. J. Raeber*
- 2 In silico epitope analysis of unique and membrane associated proteins from *Mycobacterium avium* subsp. *paratuberculosis* for immunogenicity and vaccine evaluation – *Perla Carlos-García, Kris Huygen, Felipe Ascencio, Virgine Roupie, Gracia Gómez-Anduro, Carlos E. Angulo-Valadez*
- 3 Biomarker discovery by gene expression profiling of *Mycobacterium avium* subsp. *paratuberculosis* infected calves at 3, 6 and 9 months after infection – *Jeroen De Buck*
- 4 Pharmacokinetic of gallium nitrate and gallium maltolate after oral administration in neonatal calves. – *Marie-Eve Fecteau, Caroline S. Monk, Lawrence R. Bernstein, and Raymond W. Sweeney*
- 5 Agent-based model for John's disease dynamics in a dairy herd – *Jessica Robins, Sarah Bogen, Annet Westhoek, Auldon Francis, Andrew Kanarek and Suzanne Lenhart*
- 6 Bio-load and bio-type profiles of *Mycobacterium avium* subspecies *paratuberculosis* infection in the farm and farmer's herds / flocks of domestic livestock of the country: A 28 years study (1985–2013) – *S.V. Singh, P. K. Singh, A.V. Singh, J. S. Sohal, N. Kumar, K. K. Chaubey*
- 7 First mass screening of the human population to estimate the bio-load of *Mycobacterium avium* subspecies *paratuberculosis* in North India – *Shoor Vir Singh*, Naveen Kumar, Jagdip Singh Sohal, Ajay Vir Singh, Pravin Kumar Singh*
- 8 John's disease diagnostics during the first 18 months of infection in a goat model – *Department of Microbiology, Immunology, and Pathology. Colorado State University*
- 9 Elastin, a Novel Extracellular Matrix Protein Adhering to Mycobacteria Antigen 85 Complex – *Chih-Jung Kuo, Christopher P. Ptak, Ching-Lin Hsieh, Bruce Akey, and Yung-Fu Chang**
- 10 Paratuberculosis in the small ruminant dairy industry of Ontario, Canada – *Ontario Veterinary College*
- 11 Host-*Mycobacterium avium* subsp. *paratuberculosis* Interactome Reveals a Novel Iron Assimilation Mechanism linked to Nitric Oxide Stress during Early Infection – *Elise A. Lamont, Wayne W. Xu, and Sindand Sreevatsan*
- 12 Mathematical modelling of the Th1/Th2 immune response in *Mycobacterium avium*, subspecies *paratuberculosis* infection in ruminants – *Shigetoshi Eda and Vitaly V. Ganusov*
- 13 Metabolic response induced by *Mycobacterium avium* subsp. *paratuberculosis* in the phagocytic host *Acanthamoeba castellanii* during infection – *Jamie L. Everman, Erin Flannery, Eugenio Mannucci, and Luiz E. Bermudez*
- 14 The New Mycobacterial Diseases of Animals (MDA) Multistate Initiative – *K.E. Olson, V. Kapur, P. M. Coussens and D. H. Lein*

AAVLD – House of Delegates and General Membership – 11:30am-12:00pm; Pacific Salon 2.

AAVLD – Exhibits – 9:00am-6:00pm; refreshments in exhibit hall 9:00-10:30am; 11:30am-1:00pm: 3:00pm-6:00pm; Golden Ballroom.

AAVLD – Posters – 9:00am-6:00 pm; Golden Ballroom. Authors Present 3:00pm-4:00pm.

AAVLD – LCEM User Group – 11:30am-12:30pm; Terrace Salon 1.

USAHA/AAVLD – Student Luncheon - 12:00-1:30pm; Royal Palm Salon 5/6.

National Assembly of State Animal Health Officials - 12:00-3:00pm (closed); 3:00-7:00pm (open), San Diego Ballroom.

AAVLD – Bacteriology 1 Scientific Session – 1:00-3:00pm; Pacific Salon 3.

Co-Moderators: Doreene Hyatt and Karen W. Post

Commercial Sponsor: Thermo Scientific

- 1:00pm Poultry Check MP® MS-MG, a Multiplexed Fluorometric Immunoassay (MFA) for the Detection of Antibodies to *Mycoplasma synoviae* and *Mycoplasma gallisepticum* – *Martine Bertrand, Isabelle Caya, Andre Ch. Broes*
- 1:15pm Comparative Evaluation of the TF-Transit Tubes (Biomed) vs. InPouch-TF (Biomed) for the Detection of *Tritrichomonas foetus* DNA from Bovine Preputial Samples by Real Time PCR – *Feng (Julie) Sun, Amy Swinford, Pamela Ferro, Debabrata Mahapatra, Alesia Reinisch, Anthony Smith, Hemant Naikare*
- 1:30pm ♦ Detection of Bovine Tuberculosis Antibody Response in Sensitized Cattle using the IDEXX *M. bovis* Antibody Test – *Jeffrey Nelson*
- 1:45pm ♦ Impact of Blood Sample Storage Time and Temperature on Detection of Bovine Tuberculosis Antibodies using the IDEXX *M. bovis* Antibody Test – *Jeffrey Nelson*
- 2:00pm *† A Four Plex Real-Time PCR Assay for the Detection and Quantification of *Escherichia coli* O157 in Cattle Feces – *Lance Noll, Pragathi Belagola Shridhar, Xiaorong Shi, Baoyan An, Tiruvor Nagaraja, Jianfa Bai*
- 2:15pm #*† Validation of a Broth Microdilution Method and Investigation of in vitro Antimicrobial Susceptibilities of Porcine *Brachyspira* Species – *Nandita Mirajkar, Connie Gebhart*
- 2:30pm Evaluation of MALDI TOF Mass Spectrometry to Identify *Brachyspira* from Swine Samples – *Hallie Warneke, Timothy Frana, Joann M. Kinyon, Eric Burrough, Leslie Bower*
- 2:45pm Detection of *Brachyspira* in Swine Oral Fluids – *Hallie Warneke, Timothy Frana, Joann M. Kinyon, Eric Burrough, Bailey Wilberts*

AAVLD – Epidemiology 1 Scientific Session – 1:00-3:00pm; Pacific Salon 6/7.

Co-Moderators: Ashley Hill and François Elvinger

- 1:00pm Zinc Toxicity in Dairy Cattle – *Alan F. Julian*
- 1:15pm Copper Overload in Wisconsin Holsteins – *Doug Lyman*
- 1:30pm Evaluation of a Commercially-Available ELISA for Detection of ≥500 ppt Aflatoxin M1 in Milk – *Ashley Hill, Linda Aston, Elizabeth Tor, Robert Poppenga, Hailu Kinde*
- 1:45pm ♦ Resources for Collecting and Accessioning Single Bulk Milk Samples from Every Commercial Dairy Farm in New York State – *Belinda Thompson, Paul Virkler, Elizabeth Lussier, David Smith*
- 2:00pm ♦ *Salmonella* Dublin Herd Bulk Tank Seroprevalence of New York Dairy Farms – *Belinda Thompson, Paul Virkler, Elizabeth Lussier, Diane Kilts, David Smith, Bettina Wagner*
- 2:15pm Beta-hydroxybutyrate Diagnosis of Ketosis in Periparturient Dairy Cattle: Comparison of Blood and Multiple Milk Test Methods for Concordance and Prevalence Estimates in the Same Population of Cows – *David J. Wilson, Gregory Goodell*
- 2:30pm ♦ Comparison of the Ability of a Novel Umbilical Dip, Super7+™ Navel Dip, Verses that of 7% Tincture of Iodine to Desiccate the Umbilical Remnant in Neonatal Holstein Dairy Calves – *Julie Gard, Soren Rodning, Debra Taylor, Sue Duran, Brad Fields, Robin Farrell, Misty Edmondson, Megan Schnuelle, Teri Hathcock, Elizabeth Reed, Rebecca Woodall, Alfred Bearden*
- 2:45pm #† Designing a Mobile Application for Field Use on Dairies Experiencing a Toxicologic Event – *Steven Gallego, Hailu Kinde*

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

♦ USAHA Paper

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

Daily Events (cont.) Saturday, October 19

AAVLD – Pathology 1 Scientific Session – 1:00-3:15pm; Pacific Salon 1.

Co-Moderators: Gary Mason and Maria Spinato

Commercial Sponsor: Biocare Medical

- 1:00pm Dilated Cardiomyopathy in Rio Grande Subspecies of Wild Turkey (*Meleagris gallopavo*) – Jane Kelly, David Frame, Leslie McFarlane
- 1:15pm Outbreak of Foot and Mouth Disease in Black Bears (*Ursus thibetanus*) and a Sun Bear (*Helarctos malayanus*) at a Bear Rescue Facility in Vietnam – Kirsty Officer, Nguyen Thi Lan, Leanne Wicker, Jill Robinson, Panayiotis Loukopoulos
- 1:30pm Comparison of the Gross and Histological Heart Lesions and Heart Weights Between Market Hogs that Died in Transit to the Abattoir and Control Hearts from the Processing Line – Tony van Dreumel, Kathy Zurbrigg
- 1:45pm ♦ Immune System Development in Captive Alaskan Reindeer (*Rangifer tarandus*) – Zoe Purtzer, Gregory Finstad, Carla Willetto, Sophia Papageorgiou, Antony Bakke
- 2:00pm Pathology of *Coccidioides* spp. Infections in Alpacas and Llamas – Francisco Uzal, Jorge Garcia, Federico Giannitti, Santiago Diab
- 2:15pm # Public Health Implications of *Echinococcus* in Wolves and Elk in Idaho – Ashley Malmlov, Rodney Evans, Lora Rickard Ballweber
- 2:30pm # Merogonic Stages of *Theileria cervi* in Mule and White-Tailed Deer – Jason Wood, Eileen Johnson, Kelly Allen, Gregory Campbell, Grant Rezabek, Daniel Bradway, Louis Pittman, Susan Little, Roger Panciera
- 2:45pm Study on the Prevalence, Risk Indicators and Chemotherapeutic Control of Tick Infestation in Cattle – Mohamed El Bably, N. Asma, Kh Shoker
- 3:00pm Micropolymer Detection Permits Rapid Multiplex IHC™ Stains on Animal Tissues – Brenda Karim

AAVLD – Toxicology Scientific Session – 1:00-2:45pm; Pacific Salon 2.

Co-Moderators: Michelle Mostrom and Deon Van der Merwe

- 1:00pm An Atypical Case of Anatoxin-A Intoxication in a Dog and Quantitative Analysis of Biomarkers of Exposure – Wilson Rumbelha, Paula Imerman, Douglas Snider, Robert Poppenga, Steve M. Ensley, Rob Bildfell
- 1:15pm #† Investigation into Veterinary Diagnostic Approaches for Cyanobacterial Intoxications – Douglas Snider, Wilson Rumbelha, Christopher Filstrup, John Downing, Robert Poppenga, Alan Shlosberg, Steve M. Ensley
- 1:30pm #† Bromethalin Poisoning in a Raccoon: A Diagnostic Challenge – Adrienne Bautista, Birgit Puschner, Michael Filigenzi, Leslie Woods
- 1:45pm The Detection of Bromethalin and Desmethylobromethalin in Tissue Samples: An Analytical Challenge – Michael Filigenzi, Adrienne Bautista, Birgit Puschner
- 2:00pm ♦ Iatrogenic Chlorate Poisoning in Three Beef Cows – Steven Gallego, John Tahara, Bruce Hoar, Asli Mete, Birgit Puschner
- 2:15pm A Method Adapted for Extraction and ELISA Detection of the β -Agonist Ractopamine in Retinal Tissue – Christina Wilson, Mary Mengel, Kendel Weger, William Wigle, Stephen B. Hooser
- 2:30pm Accidental Contamination of Equine Feed with Zilpaterol Resulting in Widespread Detection of the Drug in Urine Samples from Performance Horses – Robert Poppenga, Scott Stanley, Rick Arthur, Elizabeth Tor, Gwendolyn Alarcio, Linda Aston, Michael Davidson, Gary Castro

AAVLD – Virology 1 Scientific Session – 1:00-3:00pm; Pacific Salon 4/5.

Co-Moderators: Hong Li and Kyoung-Jin Yoon

Commercial Sponsor: ECL2 Quality Solutions

- 1:00pm Automating Training to Meet AAVLD Requirements – Andrew Havens, Keith Ernst
- 1:15pm Equine Herpesvirus-1 (Neuropathic) Mapping in Llama Brain – Beate M. Crossley, Udeni BR Balasuriya, Gabi Maier, Mark Anderson, Robert Moeller
- 1:30pm ♦ Bovine Viral Diarrhea Virus (BVDV) in Postweaned Calves in a Feedlot after Vaccination and from Fatal Respiratory Cases: Isolation and Differentiation

Daily Events (cont.) Saturday, October 19

- of Modified Live Viral (MLV) BVDV and Field Strains – Robert Fulton, Julia Ridpath, John Neill, Lurinda Burge, Blake Wilson, Casey Maxwell, D. Step
- 1:45pm Malignant Catarrhal Fever in American Bison following Challenge with *Alcelaphine herpesvirus-2* – Naomi S. Taus, Hong Li, Bruce Seal, Janet Warg, Donal O'Toole
- 2:00pm # Epidemiology of Re-emerging Feline Panleukopenia Virus in Vaccinated and Unvaccinated Felids in South Africa – Helene Brettschneider, Emily Lane, Peter Calwell, Desire Dalton, Antoinette Kotze
- 2:15pm Comparison of Stability of Viral Nucleic Acid in Different Tissues and under Different Conditions in Samples Collected from Fetuses Infected with Bovine Viral Diarrhea Virus – Julia Ridpath, Yu-Wei Chiang, Jill Waldbillig, John Neill
- 2:30pm Development of a Competitive ELISA for the Detection of Antibodies to Rift Valley Fever Virus – Sandy Rodgers, Alfonso Clavijo, Garry Adams, Sierra Popp, Feng (Julie) Sun, Tammy Beckham
- 2:45pm Translation of a Clinical Laboratory-Validated Equine Herpes Virus-1 Real-Time PCR Assay into POKKIT™ - a Novel and Easy-to-Use Field-Deployable PCR System – Yan Zhang, Jason Herr, Kerri Lawrence, Yun-Lung Tsai, Jian-Hau Chiou, Fu-Chun Lee, Pei-Yu Lee, Simon Chung, Hsiao Fen Grace Chang, Thomas Wang

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

USAHA/AAVLD – Committee on Diagnostic Laboratory and Veterinary Workforce Development – 1:00-5:00pm; Sunrise.

AAVLD Poster Session (Authors present at posters): 3:00-4:00 PM – Golden Ballroom.

Applied Animal Health, Public Health Research and Extension Veterinarians Symposium – 3:00-6:00pm; Royal Palm Salon 3/4.

Sponsored by the American Association of Extension Veterinarians

Coordinators: Russ Daly, South Dakota State University (moderator); Bob Wills, Mississippi State University; Carla Huston, Mississippi State University

- 3:00pm Welcome and introductions
Russ Daly & Carla Huston, moderators
- 3:05pm Detecting MRSA in swine production facilities
Tim Frana, Iowa State University
- 3:25pm Communicating pre-harvest food safety to diverse audiences
David Smith, Mississippi State University
- 3:45pm Improving the Safety and Quality of Raw Milk in Pennsylvania
Ernest Hovingh, Penn State University
- 4:05pm Characteristics of Utah dairy farms test-positive for *Mycobacterium avium* subsp. *paratuberculosis*, *Mycoplasma* spp., or Bovine Viral Diarrhea virus
Jennifer Bunnell, Utah State University
- 4:25pm Break
- 4:40pm BVDConsult: an Internet-based tool for BVDV prevention and control
David Smith, Mississippi State University
- 5:00pm The Prevalence of *Tritrichomonas foetus* in Cull Cows at a Southeastern Abattoir
Lee Jones, University of Georgia
- 5:20pm Factors affecting *Tritrichomonas foetus* culture and PCR test performance
Carla Huston, Mississippi State University
- 5:40pm Evaluation of effect of sample pooling on sensitivity for detection of *T. foetus* using real-time qPCR assay
Chelsea Whitehouse, Utah State University

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

♦ USAHA Paper

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

Daily Events (cont.) Saturday, October 19

- USAHA/AAVLD – Committee on Environment and Toxicology; Veterinary Analytical Toxicology & Mycotoxins** – 3:30-6:30pm; Royal Palm Salon 1/2.
- AAVLD – Laboratory Safety Committee** – 3:30-7:30pm; Pacific Salon 6/7.
- AAVLD – Government Relations Committee** – 3:30-5:30pm; Royal Palm Salon 5.
- AAVLD – Diagnostic Pathology Slide Seminar** – 3:30-5:45pm; Pacific Salon 1.
- AAVLD – Diagnostic Bacteriology Cases** – 3:30-5:30pm; Pacific Salon 3.
- AAVLD and NAHLN – Laboratory Directors Committee** – 5:30-7:30pm; Sunrise.
- AAVLD – Exhibitor Seminar: The Role of Oral Fluids in Swine Herd Management - IDEXX** – 6:00-6:15pm; Pacific Salon 2.
- AAVLD – Exhibitor Seminar: PrioCHECK® Salmonella Antibody Tests: New Tools to Screen Bovine Serum, Plasma and Milk Samples - PRIONICS** – 6:15-6:30pm; Pacific Salon 3.
- AAVLD – Exhibitor Seminar: An empirical approach to confidence intervals of Positive and Negative Predictive Values extrapolated from case control studies - ZOETIS** – 6:30-6:45pm; Pacific Salon 3.
- AAVLD – Exhibitor Seminar: What's new at QIAGEN** – 6:30-7:00pm; Pacific Salon 2.
- American Association of Food Hygiene Veterinarians, Board of Directors** – 6:00-10:00pm; Terrace Salon 1.
- USAHA – Committee on Program** – 6:00-8:30pm; Towne.
- Extension Veterinarians Business Meeting** – 6:00-10:00pm; Royal Palm Salon 3/4.
- AAVLD – Gross Pathology Mock Examination** – 6:00-9:00pm; Pacific Salon 1.
- AAVLD – USA Lims User Group Meeting** – 7:00-8:30pm; Royal Palm Salon 5.
- IDEXX Reception** – 8:00-11:00pm, Tiki Pavillion.

Daily Events Sunday, October 20

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

Prayer Breakfast – 6:30-8:00am; Tiki Pavilion.

USAHA – District Breakfast Meeting (NC, NE, S, W, At-Large) – 7:00-8:30am; San Diego Ballroom. Sponsored by Trace First

AAVLD – Exhibits – 9:00-10:30am; Golden Ballroom. (refreshments in exhibit hall).

AAVLD – Posters – 7:00-10:30am; Golden Ballroom.

Food Safety Symposium – 8:00am-12:00pm; Sunrise.

AAVLD – Bacteriology 2 Scientific Session – 8:00am-12:00pm; Pacific Salon 3.

Co-Moderators: Durda Slavic and Deepanker Tewari

8:00am *Brucella* spp-Associated Placentitis in a Boer Goat during an Abortion Outbreak – *Dodd Sledge, Ailam Lim, Steven R. Bolin*

8:15am Swine Zoonosis Risk Assessment with New Herd Seroprofiling Assays from QIAGEN – *Carsten Schroeder, Christine Gaunitz, Susann Kantiz, Claudia Engemann*

8:30am Toxin Genotypes and Antimicrobial Susceptibility Patterns of *Clostridium perfringens* Isolates Recovered from Horses – *Erdal Erol, Alan Loynachan, Steve Locke, Naomi Kelly, Craig N. Carter*

8:45am Isolation, Identification, and Antimicrobial Susceptibility Testing of *Moraxella* spp. Associated with Cases of Infectious Bovine Keratoconjunctivitis in Cattle – *John Loy, Eric Moore, John Mayer, Bruce W. Brodersen*

9:00am Simultaneous Detection of Anti-Apx Toxins Antibodies of *Actinobacillus pleuropneumoniae* (APP) in Pigs with Known and Unknown Exposure using a Multiplexing Liquid Array Platform – *Luis Gimenez-Lirola, Michelle Hemann, Kevin O'Neill, Kyoung-Jin Yoon, Patrick G. Halbur, Tanja Opriessnig*

9:15am Improving Ante Mortem Diagnosis of *Erysipelothrix rhusiopathiae* Infection by Use of Oral Fluids for Bacterial, Nucleic Acid, and Antibody Detection – *Luis Gimenez-Lirola, Chaoting Xiao, Marissa Zavala, Patrick G. Halbur, Tanja Opriessnig*

9:30am bactotype® Mg/Ms Real Time PCR Reagent Trial in Three US Laboratories – *Mary Jones Dukes, Nevena Djuranovic*

9:45am Performance Evaluation and Validation of Quantitative Real-Time PCR and Competitive ELISA for Detection of *Anaplasma marginale* in Texas Cattle – *Megan Schroeder, Thomas Hairgrove, Sandy Rodgers, Chungwon Chung, Mangkey Bounpheng*

10:00am Break (45 min)

10:45am Functional Characterization of the Antibiotic Resistance Reservoir in the Chicken Gut Microbiota – *Narasimha Hegde, Subhashinie Kariyawasam, Chitrita DebRoy*

11:00am An Emerging Strain of *Pasteurella multocida* Capsular type B Associated with Outbreaks of Pleuritis and Peritonitis in New Zealand Calves – *Richard Spence*

11:15am #*†+ Comparison of Culture, PCR, and Fluorescent *In Situ* Hybridization for Detection of *Brachyspira hyodysenteriae* and "*Brachyspira hampsonii*" in Pig Feces – *Bailey Wilberts, Hallie Warneke, Leslie Bower, Joann M. Kinyon, Eric Burrough*

11:30am ♦ Isolation of *Aurantimonas altamirensis*, a *Brucella canis*-like Bacterium from a Canine Testicle – *Thomas Reilly, Michael Calcutt, Laura Wennerdahl, Fred Williams, Timothy Evans, Irene Ganjam, William H. Fales*

11:45am ♦ Serodiagnosis of Equine Leptospirosis by ELISA using Four Biomarkers – *Cuilian Ye, WEIwei Yan, Patrick L. McDonough, Sean P. McDonough, Yung-Fu Chang*

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

♦ USAHA Paper

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

Daily Events (cont.) Sunday, October 20

AAVLD – Epidemiology 2 Scientific Session – 8:00-11:15am; Pacific Salon 2.

Co-Moderators: Marie Culhane and Amar Patil

- 8:00am ♦ Analysis of Breath Volatile Organic Compounds as a Screening Tool for Disease Detection: Preliminary Studies – *Jack Rhyen, Pauline Nol, Randal Stahl, Christine Ellis, Matthew McCollum, Hossam Haick, Kurt VerCauteren, M.D. Salman*
- 8:15am Sow Serology Reflected in Piglet Litter Oral Fluids: A Field Study for Sow Farm Surveillance – *Apisit Kittawornrat, Ian Levis, Christa Goodell, Luc Dufresne, Jeff Zimmerman*
- 8:30am Rapid, Sensitive and Specific Point of Need Detection of Feline Upper Respiratory Disease Complex Associated Pathogens (*Feline herpesvirus, Chlamydomydia felis, Mycoplasma felis, and Bordetella bronchiseptica*) using POKKIT™, a Deployable PCR-Based Detection System – *Jessie D. Trujillo, Uri Donnet, Cheng-Han Ho, Pin-Hsing Chou, Fu-Chun Lee, Li-Juan Ma, Pei-Yu Lee, Jian-Hau Chiu, Yu-Chun Lin, Yu-Han Shen, Chen-Yi Weng, Shih-Han Weng, Adam Herrick, Peter Nara, Hsiao Fen Grace Chang, Thomas Wang*
- 8:45am Surviving the Transition of a Government Funded Laboratory to a Private Laboratory – *Alan F. Julian*
- 9:00am Stars in our Eyes: Integration of Laboratory Data Across the Australian Veterinary Laboratory Network – *James Watson*
- 9:15am Successful and Unsuccessful Strategies in the Establishment of a Novel Laboratory Information Management System (LIMS) – *Paula Krimer, Matthew Blankenship*
- 9:30am Break (45 min)
- 9:45am #† Characterization of H3N2 Swine Influenza Viruses with Genes from 2009 Pandemic H1N1 Virus – *Jingjiao Ma, Huigang Shen, Qinfang Liu, Bhupinder Bawa, Michael Duff, Richard Hesse, Jianfa Bai, Steven Henry, Juergen Richt, Wenjun Ma*
- 10:00am #*† Molecular Characterization and Epidemiology of *Brachyspira hyodysenteriae* in US Swine Herds – *Nandita Mirajkar, Connie Gebhart*
- 10:15am #† The Trends of Hazardous Substances Exposures in Dogs and Cats, Reported to the Kansas State Veterinary Diagnostic Laboratory: 2009-2013 – *Ali Mahdi, Deon Van der Merwe*
- 10:30am Whole Genome Sequencing Reveals the Diversity of Group B and Group C Porcine Rotaviruses – *Elizabeth Poulsen, Qing Sun, Chester McDowell, Richard Hesse, Juergen Richt, Gary A. Anderson, Jianfa Bai*
- 10:45am Impact of the Threshold on the Performance of the Interferon-Gamma Detection Assay for Diagnosis of Bovine Tuberculosis – *Julio Alvarez, Maria Luisa De la Cruz, Andres Perez, Sergio Marques, Enrique Pages, Carmen Casal, Yolanda Soriano, Anna Grau, Rosa Diaz, Olga Minguez, Lucas Dominguez, Lucia de Juan*
- 11:00am An Assessment of the Likelihood of the Introduction of New Strains of *Foot and Mouth Disease Virus* to Egypt – *Mohamed El Bably, N. Asma*

AAVLD – Epidemiology 3 Scientific Session – 8:00-10:00am; Pacific Salon 6/7.

Co-Moderators: M.D. Salman and Belinda Thompson

- 8:00am Epizootic Hemorrhagic Disease in Michigan Deer: A Disease on the Increase – *Scott D. Fitzgerald, Thomas P. Mullaney, Thomas Cooley*
- 8:15am ♦ Equine and Bovine Fluorosis Attributable to High-Fluoride Well Water in Southern California – *Stephanie Ostrowski, Robert Poppenga, Francisco Uzal, Larry Kelly*
- 8:30am Wainaku Grass (*Panicum maximum*) Endophyte (*Cladosporium* spp.) Toxicosis in Horses – *Hana Van Campen, Brady Bergin, Terry Spraker, Gayle Thompson, Anita Holman, Morrie Craig*

Daily Events (cont.) Sunday, October 20

- 8:45am Epidemiology of Intoxication by *Cestrum parqui* in Cattle in the Northwest of Uruguay – *Carolina Matto, Edgardo Giannechini, Juan Pablo Bauzá, Cinthia Carrasquera, Emilia Pujolar, Rodolfo Rivero*
- 9:00am Fatty Liver Hemorrhagic Syndrome in the Backyard Chicken: A Retrospective Histopathologic Case Series – *Asli Mete, Mark Anderson, Bradd Barr, Leslie Woods, Federico Giannitti, Guillermo Rimoldi, Ashley Hill, Kristin Trott*
- 9:15am *Influenza A virus* (IAV) Surveillance on Vaccinated Sow Farms using Piglet Pre-weaning Oral Fluid Samples – *Yaowalak Panyasing, Apisit Kittawornrat, Christa Goodell, Chong Wang, Ian Levis, Luc Desfresne, Rolf Rauh, Jeff Zimmerman*
- 9:30am A Triplex Real-Time PCR Assay for the Detection and Differentiation of *Canine parvovirus* 2a, 2b, and 2c Genotypes – *Jianfa Bai, Baoyan An, Joe Anderson, Richard Hesse, Richard Oberst, William Fortney, Gary Anderson*
- 9:45am Prevalence of *Brucella canis* in Recent Diagnostic Samples Analyzed by a Duplex Real-Time PCR Assay – *Jianfa Bai, Baoyan An, Brian Lubbers, William Fortney, Gary Anderson*

AAVLD – Pathology 2 Scientific Session – 8:00-11:45am; Pacific Salon 1.

Co-Moderators: Arthur (Bill) Layton and Francisco Uzal

- 8:00am #*† Diagnosis and Characterization of *Parelaphostrongylus tenuis* in Mule Deer of Nebraska 2006-2012 – *Elisa Salas, Bruce W. Brodersen, Dave Oates*
- 8:15am #† Impact of Silver Nanoparticles on the Serum Enzymes and Liver Pathology of Broiler Chickens During the Starter Period – *Farhad Ahmadi, Mohammad Amir Andi, Borhan Shokrollahi, Mehran Mohammadi Khah*
- 8:30am #*† Characterization of Ionized Calcium Binding Adapter Molecule 1 (Iba1) as an Immunohistochemical Marker for Canine Macrophages, Dendritic Cells, and Cutaneous Round Cell Tumors – *Kenneth Kim, Christine Zewe, Daniel Paulsen, Fabio Del Piero, Nobuko Wakamatsu*
- 8:45am #*† *Veronaea botryosa*: A Potentially Zoonotic, Emerging Fungal Pathogen in Farmed White Sturgeon (*Acipenser transmontanus*) – *Mai Yee Mok, Joseph Groff, Christopher Reilly, Barbara Byrne, Deanna Sutton, Brian Wickes, Lori Campbell, EP Scott Weber*
- 9:00am #*+ Detection and Molecular Characterization of a Novel Type of *Canine papillomavirus* Isolated from a Dog with Multiple Bowenoid In Situ Carcinomas with Focal Progression to Squamous Cell Carcinoma – *Tuddow Thaiwong, Annabel G. Wise, Roger K. Maes, Matti Kiupel, Dodd Sledge*
- 9:15am #*† Fatal Intestinal Inflammatory Lesions from Equine Necropsy Cases from California: A Case Series Study from 1990 to 2013. – *Melissa Macias Rioseco, Francisco Uzal, Ashley Hill*
- 9:30am # An Outbreak of Goiter (Thyroid Follicular Hyperplasia) with High Mortality in Young Adult English Budgerigars (*Melospittacus undulatus*) – *Panayiotis Loukopoulou, Francisco Uzal, H. Shivaprasad, Brian Murphy*
- 9:45am Break (45 min)
- 10:30am Ulcerative Enterocolitis and Typhlocolitis Associated with *Actinobacillus equuli* and *Streptococcus equi* in Horses – *Santiago Diab, Federico Giannitti, Asli Mete, Jorge Garcia, Francisco Uzal*
- 10:45am ♦ Pathologic Lesions and Pathogenesis of Percutaneous Infection of CD-1 Mice with Western Equine Encephalitis Virus (WEEV) – *Tawfik Aboellail, Aaron Phillips, Ann Powers, Kenneth Olson, Amber Rico*
- 11:00am Use of PCR for *Ureaplasma diversum* in Routine Diagnostics of Bovine Abortion in Wisconsin – *Melissa J. Behr, Kathy L. Toohey-Kurth, Ogi Okumabua*

AAVLD Trainee Travel Awardee

+ AAVLD/ACVP Pathology Award Applicant

♦ USAHA Paper

* Graduate Student Poster Presentation Award Applicant

† Graduate Student Oral Presentation Award Applicant

Daily Events (cont.) Sunday, October 20

- 11:15am Domestic Cattle Resist Chronic Wasting Disease following Oral Challenge or Ten Tears Datural Exposure in Contaminated Environments – *Elizabeth Williams, Terry Kreeger, Donal O'Toole, Jean Jewell, Michael Miller*
- 11:30am Spontaneous Congenital Dystrophic Epidermolysis Bullosa in Sprague Dawley Rats – *Kristin Eden, Aline Rodrigues, Ashley Peterson, Ross Payne, Joanne Mansell*

AAVLD – Virology 2 Scientific Session – 8:00-11:45am; Pacific Salon 4/5.

Co-Moderators: Amy Glaser and Binu Velayudhan

- 8:00am Optimization and Addition of beta-Actin Gene Detection for Two *Capripoxvirus* Real-Time Polymerase Chain Reaction Assays – *Amaresh Das, Ming Yi Deng, Michael T. McIntosh*
- 8:15am ♦ Development and Evaluation of a Blocking Enzyme-Linked Immunosorbent Assay and Virus Neutralization Assay to Detect Antibodies to *Viral Hemorrhagic Septicemia Virus* (VHSV) – *Anna Wilson, Tony Goldberg, Susan Marcquenski, Wendy Olson, Frederick Goetz, Paul Hershberger, Lucas Hart, Kathy L. Toohey-Kurth*
- 8:30am Pathogenicity of Highly Pathogenic *Porcine Reproductive and Respiratory Syndrome Virus* in a United States Pig Model – *Bhupinder Bawa, Juergen Richt, Emmie de Wit, Heinz Feldmann*
- 8:45am *Rift Valley Fever Virus* Gn and Gc Glycoprotein-Based Vaccine Elicits Neutralizing Antibodies in Sheep – *Bonto Faburay, Alan Young, Igor Morozov, Juergen Richt*
- 9:00am Development and Validation of the VetMAX™-Gold SIV Subtyping Kit – *Darcy Myers, Angela Burrell, Quoc Hoang, Ivan Leyva Baca, Catherine O'Connell*
- 9:15am *Epizootic Hemorrhagic Disease Virus* (EHDV) Serotype Identification by One-Step Multiplex RT-PCR – *Feng (Julie) Sun, Matthew Cochran, Tammy Beckham, Alfonso Clavijo*
- 9:30am Break (45 min)
- 10:15am A Neutralization Test: Antibody Blocking of *Ovine Herpesvirus 2* Entry in Rabbits – *Hong Li, Cristina Cunha, Donal O'Toole, Anthony Nicola, Donald Knowles, Naomi S. Taus*
- 10:30am Correlations of Various *Swine Influenza Virus* Diagnostic Assays by Specimen Type – *Jianqiang Zhang, Qi Chen, Marie Culhane, Xue Lin, Bret Crim, Karen Harmon, Phillip Gauger*
- 10:45am Isolation of Two Non-A Genotypes of *Bovine Parainfluenza Virus 3* in the US – *John Neill, Binu Velayudhan, Julia Ridpath*
- 11:00am # A Sensitive and Rapid Taqman RRT-PCR for the Detection of *Avian bornavirus* (ABV) – *Paulette Suchodolski, Jianhua Guo, Donald Brightsmith, Susan Payne, Ian Tizard, Shuping Zhang*
- 11:15am ♦ Use of a Bovine Viral Diarrhea (BVD) Management Tool: BVD CONSULT – *Brad White, Robert Larson, Dale M. Grotelueschen, Sherri Merrill, David Smith, Dan Givens, Richard Randle*
- 11:30am ♦ Validation of a Field-Deployable POKIT™ Nucleic Acid Detection System for Specific and Sensitive Point-of-Need Detection of *Equine Influenza Virus* (H3N8) – *Udeni BR Balasuriya, Ashish Tiwari, Ashley Skillman, Bora Nam, Li-Juan Ma, Pai-Chun Yang, Alison Lee, Simon Chung, Hsiao Fen Grace Chang, Thomas Wang*

Daily Events (cont.) Sunday, October 20

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

Northeast District Meeting – 9:00-11:30am; Royal Palm Salon 1/2.

North Central District Meeting – 9:00-11:30am; Royal Palm Salon 3/4.

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

Western District Meeting – 9:00-11:30am; Royal Palm Salon 5/6.

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

AAVLD – Pathology Committee – 12:00-2:00pm; Pacific Salon 1.

USAHA – Committee on Audit – 12:00-1:00pm; Devonshire.

USAHA/AAVLD – Committee on National Animal Health Laboratory Network – 12:00-3:00pm; Pacific Salon 2.

USAHA/AAVLD – Committee on Aquaculture – 12:30-5:30pm; Royal Palm Salon 5/6.

USAHA – Committee on Import-Export – 12:30-5:30pm; Pacific Salon 3.

USAHA – Committee on Infectious Diseases of Cattle, Bison and Camelids – 12:30-5:30pm; Sunset.

USAHA – Committee on Johne's Disease – 12:30-5:30pm; Pacific Salon 4/5.

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

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; Towne.

APHIS-VS – 1:00-5:30pm; Golden West Ballroom.

USAHA/AAVLD – Committee on Food and Feed Safety – 1:30-5:30pm; Pacific Salon 6/7.

USAHA/AAVLD – Committee on Animal Health Surveillance and Information Systems – 3:00-6:00pm; Pacific Salon 1.

AAVLD/NVSL – Proficiency Testing Committee – 3:00-5:00pm; Royal Palm Salon 1/2.

AAVLD – Strategic Planning Committee – 3:00-6:00pm; Esquire.

USAHA – District-at-Large Meeting – 4:00-5:30pm; Terrace Salon 1.

USAHA – New Member Orientation – 5:00-6:00pm; Pacific Salon 2.

Daily Events (cont.) Sunday, October 20

USAHA/AAVLD – Presidents Reception and Dinner

5:30pm; Towne & Country Ballroom.

Sponsored by GlobalVetLink and Life Technologies

5:30pm Reception – Cash Bar

6:30pm President's Dinner

Presiding – Tom McKenna, AAVLD President and
David Meeker, USAHA President

Invocation – Bruce King

Dinner

7:30pm Memorial Service – Stephen Crawford

Recognize Sponsors – David Meeker

Sponsors' Response – Kevin Maher and Kirk Adams

Welcome to California – Karen Ross, Secretary, California Department of
Food and Agriculture

Response to the Welcome - Invitation to Kansas City – Linda Hickam

USAHA President's Remarks – David Meeker

AAVLD President's Remarks – Tom McKenna

Sponsor Acknowledgement – Tom McKenna, David Meeker

USDA-APHIS Administrator's Award – Kevin Shea

AAVLD Awards – Tim Baszler

Graduate Student Awards: Best Presentation, Best Poster

Best Journal of Veterinary Diagnostic Investigation Paper

Lifetime Membership Award

E. P. Pope Award

USAHA Federal Partnership Award – David Meeker

USAHA Medal of Distinction Award – David Meeker

National Assembly of State Animal Health Officials Award – Charlie Hatcher

Daily Events Monday, October 21

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

AAVLD – Past Presidents' Breakfast – 7:00-8:00am; Tiki Pavilion.

Continental Breakfast – 7:00 am. Sponsored by IDEXX

**USAHA/AAVLD – Joint Plenary Session Vaccines: 100 years of Virus Serum
Toxin Act and Beyond** – 7:30am-12:00pm; Towne & Country Ballroom.

8:00am Welcome and Orientation – Ron DeHaven

8:15am The Virus-Serum-Toxin Act 1913-2013: Intent, Innovations, and Impact –
Richard Hill, Linda Schlater, Mark Pagala, Javaraiah Srinivas

8:45am The Economics of Vaccination: What is behind the Development and Use of
Vaccines? – *John Hardham*

9:15am Rational Development of *Foot-and-Mouth Disease Virus* Vaccines –
Bryan Charleston

9:45am Break (30 min)

10:15am Autogenous Vaccines: Isn't this why VSTA was established? – *John Smith*

10:45am Using Gap Analysis to Drive the Selection of New Vaccine Technologies for
High Consequence Diseases – *Luis Rodriguez*

11:15am Future of Vaccines in Biodefense and Disease Control Programs – *Cyril Gay*

AAVLD – House of Delegates – 12:00-12:45pm; Pacific Salon 6/7.

USAHA – Membership Luncheon and Meeting

12:00-12:30pm; San Diego and Golden West Ballrooms.

Sponsored by Merial

Presiding – Steve Crawford for David Meeker

Recognize Sponsor – Steve Crawford

Sponsor's Presentation – Joanne Maki, Merial

State of the Association – Steve Crawford

Treasurer's Report – Annette Jones

Report of the Committee on Nominations – David Marshall

Other Business and Announcements

Directors of State Meat Inspection – 11:00am-8:00pm; Pacific Salon 4/5.

USDA-ARS 2013 Research Review – 1:00-5:00pm; Pacific Salon 3.

New Vaccine Approaches in the ARS Research Pipeline

Moderator: Dr. Cyril Gay, National Program Leader, Animal Production and Protection,
USDA-ARS

1:00pm Taming of the Beast: Advanced Development of a New Foot-and-Mouth
Disease Vaccine – FMD LL3B3D

Luis Rodriguez, Plum Island Animal Disease Center, Orient Point, NY

1:45pm Development of Anti-Cattle Tick Vaccine through Discovery of the Genome
Sequence

Felix Guerrero, Livestock Insects Research Laboratory, Kerrville, TX

2:30pm Integration of Selective Breeding and Vaccination to Improve Disease

Resistance in Aquaculture: Application to control Bacterial Cold Water Disease
Gregory D. Wiens, *National Center for Cool and Cold Water Aquaculture,*
Kearneysville, WV

3:15pm Role of Recombinant Viral Vectors Vaccines for Control of Avian Influenza
Viruses, David Suarez, Southeast Poultry
Research Laboratory, Athens, GA

4:00pm Development of Vaccine Approaches for Bovine Tuberculosis in
Free-Ranging White-Tailed Deer in Michigan
Mitch Palmer, National Animal Disease Center, Ames, IA

Daily Events (cont.) Monday, October 21

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

Time-Specific Paper

1:15-1:45pm – BTV-14 in Europe: Lessons Learned

Francisco J. R. Gordejo, Disease Control and Identification, European
Commission Health and Consumer Affairs

1:45-2:15pm – Changing OIE Requirements for Livestock Trade

Peter L. Merrill, National Center for Import and Export, USDA-APHIS-VS

USAHA – Committee on Brucellosis – 1:00-6:00pm; San Diego Ballroom.

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

USAHA – Committee on International Standards – 1:00-6:00pm; Royal Palm
Salon 1/2.

**USAHA – Committee on Transmissible Diseases of Poultry and Other Avian
Species** – 1:00-6:00pm; Pacific Salon 1/2.

USAHA – Committee on Transmissible Diseases of Swine – 1:00-6:00pm; Royal
Palm Salon 3/4.

USAHA – Committee on Tuberculosis Scientific Advisory Subcommittee
– 1:00-6:00pm; Royal Palm Salon 5/6.

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

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

USAHA – State Animal Disease Traceability Discussion – 5:00-6:30pm; Pacific
Salon 6/7.

National Association of Federal Veterinarians – 5:30-8:00pm; Pacific Salon 3.

USAHA – Board of Directors – 6:00-7:00pm; Golden Ballroom.

Daily Events Tuesday, October 22

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

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

USAHA – Committee on Captive Wildlife and Alternative Livestock
– 8:00am-12:00pm; Pacific Salon 3.

USAHA – Committee on Foreign and Emerging Diseases – 8:00am-5:30pm;
Golden West Ballroom.

Time Specific Paper

11:35am – 12:10 pm - FMD in South America & Briefing on Activities of the Pan American Health Organization

Dr. Alfonso Clavijo, Texas A&M University

USAHA – Committee on Livestock Identification – 8:00am-12:00pm; San Diego
Ballroom.

USAHA – Committee on Pharmaceuticals – 8:00am-12:00pm; Pacific Salon 6/7.

National Scrapie Oversight Board – 8:00-9:00am; Royal Palm Salon 3/4.

USAHA – Committee on Scrapie – 9:00am-12:00pm; Royal Palm Salon 3/4.

USAHA – Committee on Salmonella – 8:00am-12:00pm; Royal Palm Salon 1/2.

Directors of State Meat Inspection – 8:00am-5:30pm; Pacific Salon 4/5.

American Association of Avian Pathologist Liaison with AVMA –
10:00am-12:00pm; Royal Palm Salon 6.

USAHA – Committee on Public Health and Rabies – 1:00-5:30pm; Pacific Salon 3.

USAHA – Committee on Sheep and Goats – 1:00-5:30pm; Royal Palm Salon 3/4.

**USAHA – Committee on Transmissible Diseases of Poultry and Other Avian
Species** – 1:00-5:30pm; Pacific Salon 1/2.

USAHA – Committee on Tuberculosis – 1:00-5:30pm; San Diego Ballroom.

USAHA – Board of Directors – 6:00-7:00pm; Golden Ballroom.

USAHA – Committee on Biologics and Biotechnology – 7:00-10:00pm; Sunset.

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

USAHA – Committee on Animal Welfare – 8:00am-12:00pm; Pacific Salon 2/3.

USAHA – Committee on Parasitic Diseases – 8:00am-12:00pm; Pacific Salon 6/7.

USAHA – Membership Meeting – 2:00–3:30pm; Pacific Salon 2/3.

2:00pm Call to Order – Steve Crawford

2:05pm Report of the Action of the Committee on Nominations – David Marshall
Passing the Presidential Gavel – David Marshall

President's Address – Steve Crawford

Recognition of Immediate Past President –David Marshall

Executive Director's Address – Benjamin Richey

Report of the Committee on Resolution – David Marshall

Other Business

USAHA – Board of Directors – Immediately following membership meeting;
Golden Ballroom.

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

USAHA/AAVLD Committee on Animal Emergency Management

Chair: Nick Striegel, CO

Vice Chair: Heather Simmons, TX

John Adams, VA; Bruce Akey, NY; Kelli Almes, KS; Gary Anderson, KS; Joan Arnoldi, WI; Marianne Ash, IN; Lyndon Badcoe, WA; Tom Baker, ON; Deanna Baldwin, MD; Karen Beck, NC; Tammy Beckham, TX; Lisa Becton, IA; Amanda Bernhardt, TX; Melissa Berquist, TX; Danelle Bickett-Wedde, IA; Patricia Blanchard, CA; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broadus, VA; William Brown, KS; Suzanne Burnham, TX; Heather C. F. Case, IL; Nancy Chapman, MD; Gregory Christy, FL; Neville Clarke, TX; Matt Cochran, TX; Leslie Cole, OK; Stephen Crawford, NH; Tarrie Cnric, KS; Debbie Cunningham, OK; Glenda Davis, AZ; Ignacio dela Cruz, MP; Leah Dorman, OH; Brandon Doss, AR; Cheryl Eia, IL; Dee Ellis, TX; Francois Elvinger, VA; Betsy Flores, VA; James Foppoli, HI; 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; Larry Granger, CO; Kristin Haas, VT; Charles Hatcher, TN; Greg Hawkins, TX; Carl Heckendorf, CO; Julie Helm, SC; Kristi Henderson, IL; Jan Hershenhouse, CA; Rick Hill, IA; Donald Hoenig, ME; Guy Hohenhaus, MD; Lindsey Holmstrom, TX; Floyd Horn, MD; Jesse Hostetter, IA; Holly Hughes-Garza, TX; Pamela Hullinger, CA; Carla Huston, MS; Annette Jones, CA; Karen Jordan, NC; Patrice Klein, MD; Paul Kohrs, WA; Charlotte Krugler, SC; Michael Langford, NY; 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; Barbara Martin, IA; Sarah Mason, NC; Chuck Massengill, MO; Paul McGraw, WI; David Meeke, VA; Shelley Mehlenbacher, VT; Jessica Meisinger, VA; Samia Metwally, NY; Gay Miller, IL; Janice Mogan, IA; Alfred Montgomery, MD; Lee Myers, GA; Yvonne Nadler, IL; Cheryl Nelson, KY; Sandra Norman, IN; Dustin Oedekoven, SD; Kenneth Olson, IL; Claudia Osorio, MD; Stephanie Ostrowski, AL; Kristy Pabilonia, CO; Elizabeth Parker, ITA; Roger Parker, TX; William Parker, GA; Boyd Parr, SC; Virginia Pierce, MD; Jewell Plumley, WV; Barbara Porter-Spalding, NC; Morgan Radford, ON; Jeanne Rankin, MT; Tom Ray, NC; Renate Reimschuessel, MD; M. Gatz Riddell, Jr., AL; Kay Riddell, 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; Jack Shere, NC; Gary Sherman, DC; Heather Simmons, TX; Kathryn Simmons, DC; Marilyn Simunich, ID; David Smith, NY; Julia Smith, VT; Tom Smylie, ON; Harry Snelson, NC; Rosemary Speers, VA; Diane Stacy, CA; Nick Striegel, CO; Darrel Styles, MD; Manoel Tamassia, NJ; Rodney Taylor, NM; Todd Tedrow, SD; Belinda Thompson, NY; Jimmy Tickle, NC; Peter Timoney, KY; Hana Van Campen, CO; Jesse Vollmer, ND; Liz Wagstrom, DC; Sherrilyn Wainwright, ITA; Patrick Webb, IA; Steve Weber, CO; Brad Williams, TX; John Williams, MD; Ellen Mary Wilson, CA; Gwen Zellen, ON.

Committee Meeting – Saturday, 8:00am-1:00pm - Golden West Ballroom.

Time-Specific Paper

9:45am - Secure Food Supply Plans;

Update on Current and Future Endeavors

Dr. James Roth, Director for the Center for Food Security and Public Health
at Iowa State University

USAHA/AAVLD Committee on Animal Health Surveillance and Information Systems

Chair: Lisa Becton, IA

Vice Chair: Marie Culhane, MN

Sara Ahola, CO; Bruce Akey, NY; Marianne Ash, IN; Daniel Baca, TX; Debbie Barr, ON; Karen Beck, NC; Tammy Beckham, TX; Lisa Becton, IA; Charlie Broadus, VA; Stan Bruntz, CO; Suzanne Burnham, TX; Craig Carter, KY; Nancy Chapman, MD; Neville Clarke, TX; Debbie Cunningham, OK; Anita Edmondson, CA; Francois Elvinger, VA; Tam Garland, TX; 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; 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; Michael McGrath, IRE; James McKean, IA; Shelley Mehlenbacher, VT; Roger Parker, TX; Andres Perez, CA; Barbara Porter-Spalding, NC; Tom Ray, NC; Emi Saito, CO; Mo Salman, CO; A. David Scarfe, IL; Irene Schiller, CH; Dan Sheesley, DC; Marilyn Simunich, ID; David Smith, NY; John Stevenson, KY; Patricia Stonger, WI; Patrick Webb, IA; Steve Weber, CO; Nora Wineland, MO.

Committee Meeting: Sunday - 3:00-6:00pm; Pacific Salon 1.

2013 USAHA Committees (cont.)

Committee on Animal Welfare
Chair: Gail Golab, IL
Vice Chair: Belinda Thompson, NY

Joan Arnoldi, WI; Chris Ashworth, AR; James Averill, MI; George Badley, AR; Deanna Baldwin, MD; Paul Brennan, IN; Gary Brickler, CA; William Brown, KS; Tom Burkgren, IA; Beth Carlson, ND; James Carroll, MO; Leslie Cole, OK; Stephen Crawford, NH; Glenda Davis, AZ; Ria de Grassi, CA; Ron DeHaven, IL; Linda Detwiler, NJ; Leah Dorman, OH; Dee Ellis, TX; J Amelita Facciano, TX; Kathy Finnerty, NY; Betsy Flores, VA; W. Kent Fowler, CA; Nancy Frank, MI; Mallory Gaines, DC; Marion Garcia, WV; Julie Gard, AL; Robert Gerlach, AK; Eric Gingerich, IN; Chester Gipson, MD; Gail Golab, IL; Eric Gonder, NC; Chelsea Good, MO; James Grimm, TX; Kristin Haas, VT; Thomas Hagerty, MN; Thomas Hairgrove, TX; Rod Hall, OK; Steven Halstead, MI; William Hare, MI; Charles Hatcher, TN; Bill Hawks, DC; Julie Helm, SC; Linda Hickam, MO; Robert Hilsenroth, FL; Sam Hines, MI; Heather Hirst, DE; Donald Hoenig, ME; Ken Horton, TX; 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; Patrice Klein, MD; Michael Kopp, IN; Daniel Kovich, VA; Eileen Kuhlmann, MN; Mary Lis, CT; Janet Maass, CO; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; David Meeker, VA; Antone Mickelson, WA; L Devon Miller, IN; Julie Napier, NE; Gene Nemechek, NC; Sherrie Niekamp, IA; Sandra Norman, IN; Dustin Oedekoven, SD; Elizabeth Parker, ITA; Boyd Parr, SC; Kris Petrini, MN; William Pittenger, MO; Jewell Plumley, WV; John Ragan, MD; Herbert Richards, HI; M. Gatz Riddell, Jr., AL; Kay Riddell, AL; Keith Roehr, CO; Bill Sauble, NM; Shawn Schafer, ND; David Schmitt, IA; Dennis Schmitt, MO; Stacey Schwabenlander, MN; Andy Schwartz, TX; Kathryn Simmons, DC; Harry Snelson, NC; Diane Stacy, LA; Philip Stayer, MS; Bruce Stewart-Brown, MD; Nick Striegel, CO; Scott Stuart, CO; Paul Sundberg, IA; Manoel Tamassia, NJ; Robert Temple, OH; Mary Kay Thatcher, DC; Belinda Thompson, NY; Beth Thompson, MN; Brad Thurston, IN; Alberto Torres, AR; Bob Tully, KS; Charles Vail, CO; Liz Wagstrom, DC; Jennifer Walker, TX; Patrick Webb, IA; Gary Weber, MD; Ellen Wiedner, FL; Norman Willis, ON; Ellen Mary Wilson, CA; Josh Winegarner, TX; Nora Wineland, MO; Richard Winters, Jr., TX; Cindy Wolf, MN; Ernest Zirkle, NJ.

Committee Meeting: Wednesday – 8:00am-12:00pm; Pacific Salons 2/3

USAHA/AAVLD Committee on Aquaculture
Chair: Kevin Snekvik, WA
Vice Chair: Lester Khoo, MS

Marilyn Blair, ID; Deborah Brennan, CA; Stan Bruntz, CO; Beverly Byrum, OH; Nancy Chapman, MD; Debbie Cunningham, OK; Fred Cunningham, MS; Koren Custer, WV; Ria de Grassi, CA; James Foppoli, HI; Nancy Frank, MI; Richard French, NH; Suzanne Gibbons-Burgener, WI; Betsy Hart, AR; Jerry Heidel, OR; Donald Hoenig, ME; John Huntley, WA; Donna Kelly, PA; Lester Khoo, MS; Bruce King, UT; Kathy Kurth, WI; Scott Leach, CO; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Fernando Mardones, CA; Otis Miller, MD; Regg Neiger, SD; Jenée Odani, HI; Lanny Pace, MS; Charles Palmer, CA; Kris Petrini, MN; Nicholas B.D. Phelps, MN; James Roth, IA; John Sanders, WV; A. David Scarfe, IL; Tara Schnell, WI; Kevin Snekvik, WA; Robert Temple, OH; John Williams, MD; Norman Willis, ON.

Committee Meeting: Sunday – 12:30-5:30pm; Royal Palm Salons 5/6

Committee on Audit
Chair: Annette Jones, CA

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

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

2013 USAHA Committees (cont.)

Committee on Biologics and Biotechnology
Chair: James Wolfram, FL
Vice Chair: Joseph Huff, CO

Gary Anderson, KS; Joan Arnoldi, WI; Randall Berrier, CO; Sarah Chalangan, CA; Debbie Cunningham, OK; James England, ID; James Evermann, WA; William Fales, MO; Robert Fulton, OK; Ted Girshick, CT; Keith Haffer, SD; Larry Hawkins, MO; Rudolf Hein, DE; Rick Hill, IA; Lloyd Lauerman, WA; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; David Marshall, NC; Deoki Tripathy, IL; Bob Tully, KS; Jesse Vollmer, ND; Gary Weber, MD; Mary Anne Williams, TX; Ellen Mary Wilson, CA.

Committee Meeting: Tuesday – 7:00-10:00pm; Sunset

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; 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; William Hartmann, MN; Larry Hawkins, MO; Richard Hesse, KS; Linda Hickam, MO; Thomas Holt, FL; Dennis Hughes, NE; Holly Hughes-Garza, TX; Bruce King, UT; Patrice Klein, MD; Randall Levings, IA; Francine Lord, ON; David Marshall, NC; Christie Mayo, CA; Daniel Mead, GA; Eric Mohlman, NE; Igor Morozov, KS; Cheryl Nelson, KY; Dustin Oedekoven, SD; Eileen Ostlund, IA; Charles Palmer, CA; James Pearson, IA; William Pittenger, MO; Justin Roach, OK; Mark Ruder, KS; Shawn Schafer, ND; Charly Seale, TX; Laurie Seale, WI; John Shaw, AA; Tom Smylie, ON; David Stallknecht, CA; Susan Tellez, TX; Brad Thurston, IN; Mark Walter, PA; Skip West, OK.

Committee Meeting: Monday – 1:00-6:00pm; Sunset

Time-Specific Paper
1:15-1:45pm – BTV-14 in Europe: Lessons Learned
Francisco J. R. Gordejo, Disease Control and Identification, European Commission Health and Consumer Affairs

Time-Specific Paper
1:45-2:15pm – Changing OIE Requirements for Livestock Trade
Peter L. Merrill, National Center for Import and Export, USDA-APHIS-VS

2013 USAHA Committees (cont.)

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; Eric Barlow, WY; Bill Barton, ID; Claude Barton, TN; C. Black, GA; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Gary Brickler, CA; William Brown, KS; Beth Carlson, ND; Robert Cobb, GA; Michael Gilsdorf, UT; Jim Collins, GA; Thomas Conner, OH; Walter Cook, WY; Joseph Corn, GA; Donald Davis, TX; Leah Dorman, OH; Mark Drew, ID; Anita Edmondson, CA; Philip Elzer, LA; Steven England, NM; Donald Evans, KS; James Foppoli, HI; Tony Frazier, AL; 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; Jon Johnson, TX; Jamie Jonker, VA; Mandy Kauffman, WY; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; Maria Koller-Jones, ON; Terry Kreeger, WY; John Lawrence, ME; Maxwell Lea, Jr., LA; Eric Liska, MT; Jim Logan, WY; Laurent O'Gene Lollis, FL; Christian Mackay, MT; Bret Marsh, IN; Barbara Martin, IA; Chuck Massengill, MO; Leslie McFarlane, UT; Paul McGraw, WI; Eric Mohlman, NE; Ernie Morales, TX; Henry Moreau, LA; Sherrie Nash, MT; Cheryl Nelson, KY; Dustin Oedekoven, SD; Steven Olsen, IA; Elizabeth Parker, ITA; Janet Payeur, IA; William Pittenger, MO; Valerie Ragan, MD; Jennifer Ramsey, MT; Jeanne Rankin, MT; Tom Ray, NC; Suelee Robbe-Austerman, IA; Keith Roehr, CO; Shawn Schafer, ND; 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; Kenneth Throlson, ND; Darren Turley, TX; James Watson, MS; Diana Whipple, IA; Margaret Wild, CO; Richard Willer, HI; Larry Williams, NE; Kyle Wilson, TN; James Wolfram, FL; Mary Wood, WY; Ching Ching Wu, IN; Marty Zaluski, MT.

Committee Meeting: Monday – 1:00-6:00pm; San Diego Ballroom

Feral Swine Subcommittee on Brucellosis and Pseudorabies – Sunday - 12:30-5:30pm; Towne

Scientific Advisory Subcommittee on Brucellosis - Sunday - 12:30-5:30pm; Towne

Subcommittee on Brucellosis in the Greater Yellowstone Area - Sunday - 12:30-5:30pm; Towne

Committee on Captive Wildlife and Alternative Livestock

Chair: Peregrine Wolff, NV

Vice Chair: Julie Napier, NE

Wilbur Amand, PA; Paul Anderson, MN; Scott Bender, AZ; Warren Bluntzer, TX; Deborah Brennan, GA; Kristina Brunjes, KY; Beth Carlson, ND; Donald Davis, TX; 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; Greg Hawkins, TX; Kristi Henderson, IL; Terry Hensley, TX; Michael Herrin, OK; Linda Hickam, MO; Robert Hilsenroth, FL; David Hunter, MT; John Huntley, WA; Shylo Johnson, CO; Kevin Keel, CA; Karl Kinsel, TX; Diane Kitchen, FL; Patrice Klein, MD; Terry Kreeger, WY; John Lawrence, ME; Francine Lord, ON; Konstantin Lyashchenko, NY; David Marshall, NC; Chuck Massengill, MO; Leslie McFarlane, UT; Robert Meyer, WY; L Devon Miller, IN; Michele Miller, FL; Eric Mohlman, NE; 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, CO; Shawn Schafer, ND; 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; Manoel Tamassia, NJ; Cleve Tedford, TN; Robert Temple, OH; Charles Thoen, IA; Lee Ann Thomas, MD; Brad Thurston, IN; Kurt VerCauteren, CO; Rick Wahlert, CO; Ray Waters, IA; Scott Wells, MN; Skip West, OK; Ellen Wiedner, FL; Kyle Wilson, TN; Nora Wineland, MO; Richard Winters, Jr., TX; Jill Bryar Wood, TX; Mary Wood, WY.

Committee Meeting: Tuesday – 8:00am-12:00pm; Pacific Salon 3

2013 USAHA Committees (cont.)

USAHA/AAVLD Committee on Diagnostic Laboratory and Veterinary Workforce Development

Chair: Michael Gilsdorf, MD

Vice Chair: Gary Anderson, KS

J Lee Alley, AL; Joan Arnoldi, WI; Bonnie Buntain, AB; Mike Chaddock, DC; Neville Clarke, TX; John Clifford, DC; Karen Conyngham, TX; Ron DeHaven, IL; James England, ID; Richard French, NH; Mallory Gaines, DC; Francis Galey, WY; Tam Garland, TX; William Hartmann, MN; Kristi Henderson, IL; Floyd Horn, MD; Pamela Hullinger, CA; Annette Jones, CA; Don Knowles, WA; 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; Ashley Morgan, DC; Bennie Osburn, CA; Eileen Ostlund, IA; Gary Osweiler, IA; Donal O'Toole, WY; Kristy Pabilonia, CO; Lanny Pace, MS; Elizabeth Parker, ITA; Barbara Porter-Spalding, NC; Barbara Powers, CO; Valerie Ragan, MD; Willie Reed, IN; Mo Saif, OH; Emi Saito, CO; A. David Scarfe, IL; Kathryn Simmons, DC; Kathryn Smith, KY; David Steffen, NE; Alfonso Torres, NY; Sherrilyn Wainwright, ITA; Richard Willer, HI; William Wilson, KS; David Zeman, SD.

Committee Meeting: Saturday – 1:00-5:00pm; Sunrise

USAHA/AAVLD Committee on Environment and Toxicology

Chair: Larry Thompson, MO

Vice Chair: Tim Evans, MO

David Ailor, DC; A. Catherine Barr, TX; Karyn Bischoff, NY; Francis Galey, WY; Tam Garland, TX; L. Wayne Godwin, FL; Ramesh Gupta, KY; Jeffery Hall, UT; William Hare, MI; Brent Hoff, ON; Stephen Hooser, IN; Laurent O'Gene Lollis, FL; Travis Mays, TX; David Meeker, VA; Gavin Meerdink, IL; Sandra Morgan, CO; Michelle Mostrom, ND; Eileen Ostlund, IA; Gary Osweiler, IA; Robert Poppenga, CA; John Rathje, IA; Jane Robens, MD; Wilson Rumbelha, IA; Nick Schrier, ON; Lori Smith, KY; Patricia Talcott, WA; Gary Weber, MD.

Committee Meeting: Saturday – 3:30-6:30pm; Royal Palm Salons 1/2

USAHA/AAVLD Committee on Food and Feed Safety

Chair: Bonnie Buntain, CAN

Vice Chair: Lisa Ramsey, VA

David Ailor, DC; Deanna Baldwin, MD; William Ballantyne, ON; Marilyn Balmer, MD; Richard Benton, MS; Karyn Bischoff, NY; Joseph Blair, VA; Richard Breitmeyer, CA; Deborah Brennan, GA; Beverly Byrum, OH; Jim Collins, GA; Kevin Custer, IA; Glenda Davis, AZ; Ignacio dela Cruz, MP; Linda Detwiler, NJ; Tracy DuVernoy, MD; Robert Eisner, NJ; Kathy Finnerty, NY; Mallory Gaines, DC; Robert Gerlach, AK; Eric Gonder, NC; Chelsea Good, MO; William Hare, MI; David Harlan, MN; 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; Dale Lauer, MN; Elizabeth Lautner, IA; Arthur Layton, MT; Tsang Long Lin, IN; Laurent O'Gene Lollis, FL; John Mahoney, MN; Bret Marsh, IN; David Marshall, NC; Patrick McDonough, NY; James McKean, IA; Katherine McNamara, VT; David Meeker, VA; Gavin Meerdink, IL; Nicole Neeser, MN; Gene Niles, IL; Richard Oberst, KS; Ogi Okwumabua, WI; Kenneth Olson, IL; Stephanie Ostrowski, AL; Gary Osweiler, IA; Lanny Pace, MS; Elizabeth Parker, ITA; Lynn Post, TX; John Ragan, MD; 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, CH; David Schmitt, IA; Craig Shultz, PA; Kathryn Simmons, DC; Harry Snelson, NC; Bruce Stewart-Brown, MD; Stan Stromberg, OK; Larry Thompson, MO; H. Wesley Towers, DE; Bob Tully, KS; Lucie Verdon, ON; Liz Wagstrom, DC; Gary Weber, MD; Larry Williams, NE; Robert Wills, MS; Nora Wineland, MO.

Committee Meeting: Sunday – 1:30-5:30pm; Pacific Salons 6/7

2013 USAHA Committees (cont.)

Committee on Foreign and Emerging Diseases

Chair: Paul Gibbs, FL

Vice Chair: Tammy Beckham, TX

Helen Acland, PA; Bobby Acord, NC; John Adams, VA; L. Garry Adams, TX; Bruce Akey, NY; Wilbur Amand, PA; Gary Anderson, KS; Joan Arnoldi, WI; George Badley, AR; Karen Beck, NC; Tammy Beckham, TX; Lisa Becton, IA; Melissa Berquist, TX; Bob Bokma, MD; Philip Bradshaw, IL; Richard Breitmeyer, CA; Deborah Brennan, GA; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broadus, VA; Charles Brown II, WI; Corrie Brown, GA; Dawn Bueschel, NM; Suzanne Burnham, TX; Jerry Callis, NY; Jon Caspers, IA; Nancy Chapman, MD; Gregory Christy, FL; Jein 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; Debbie Cunningham, OK; Donald Davis, TX; Glenda Davis, AZ; Ignacio dela Cruz, MP; Thomas DeLiberto, CO; Linda Detwiler, NJ; Leah Dorman, OH; Brandon Doss, AR; Edward Dubovi, NY; Anita Edmondson, CA; Dee Ellis, TX; Francois Elvinger, VA; Peter Fernandez, AA; James Foppoli, HI; Heather Fowler, MN; W. Kent Fowler, CA; Patricia Fox, NC; Richard French, NH; Mallory Gaines, DC; Cyril Gay, MD; Robert Gerlach, AK; Samantha Gibbs, VA; Colin Gillin, OR; Linda Glaser, MN; Timothy Goldsmith, MN; James Mark Hammer, NC; Cathleen Harlon, NY; William Hare, MI; David Harlan, MN; Greg Hawkins, TX; Larry Hawkins, MO; Rudolf Hein, DE; Jan Hershenshouse, 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; Gary Kinder, WV; Patrice Klein, MD; Paul Kohrs, WA; Charlotte Krugler, SC; Elizabeth Krushinskie, DE; Elizabeth Lautner, IA; John Lawrence, ME; Randall Levings, IA; Tsang Long Lin, IN; Linda Logan, TX; Pat Long, TN; 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; Todd McAloon, MN; Thomas McKenna, WI; 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; Gene Nemechek, NC; Sandra Norman, IN; James Novy, TX; Stephanie Ostrowski, AL; Kristy Pablonia, CO; Lanny Pace, MS; Charles Palmer, CA; Elizabeth Parker, ITA; Roger Parker, TX; William Parker, GA; William Parker, GA; Boyd Parr, SC; Barbara Porter-Spalding, NC; Jeanne Rankin, MT; Tom Ray, NC; Anette Rink, NV; Keith Roehr, CO; James Roth, IA; Mark Ruder, KS; Emi Saito, CO; Mo Salman, CO; John Sanders, WV; A. David Scarfe, IL; Shawn Schafer, ND; David Schmitt, IA; John Shaw, AA; Dan Sheesley, DC; Kathryn Simmons, DC; Marilyn Simunich, ID; Jonathan Sleeman, WI; Tom Smylie, ON; Harry Snelson, NC; Rosemary Speers, VA; Diane Stacy, IA; Nick Striegel, CO; 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; Jesse Vollmer, ND; Liz Wagstrom, DC; Sherrilyn Wainwright, ITA; Mark Walter, PA; Patrick Webb, IA; Steve Weber, CO; William White, NY; Margaret Wild, CO; Richard Willer, HI; Brad Williams, TX; John Williams, MD; Larry Williams, NE; Sharon Williams, AR; Norman Willis, ON; Saul Wilson, Jr., AL; William Wilson, KS; Josh Winegarner, TX; Richard Winters, Jr., TX; Ching Ching Wu, IN.

Committee Meeting: Tuesday – 8:00am-12:00pm; Golden West Ballroom

Time Specific Paper

11:35am – 12:10 pm – FMD in South America & Briefing on Activities of the Pan American Health Organization

Dr. Alfonso Clavijo, Texas A&M University

Committee on Government Relations

Chair: Bruce King, UT

George Badley, AR; William Brown, KS; Stephen Crawford, NH; Robert Gerlach, AK; Heather Hirst, DE; Christine Hoang, IL; Guy Hohenhaus, MD; Annette Jones, CA; David Marshall, NC; David Meeker, VA; Boyd Parr, SC; Keith Roehr, CO; David Schmitt, IA; Scott Stuart, CO.

Committee Meeting: On all of Chair

2013 USAHA Committees (cont.)

Committee on Import-Export

Chair: Mark Engle, TN

Vice Chair: Bob Blomme

Bobby Acord, NC; Debbie Barr, ON; Bob Bokma, MD; Joyce Bowling-Heyward, MD; Bethany Bradford, VI; Gary Brickler, CA; Charles Brown II, WI; Stan Bruntz, CO; Suzanne Burnham, TX; Bruce Carter, ME; Sarah Chalangaran, CA; Eric Coleman, MD; Ignacio dela Cruz, MP; Linda Detwiler, NJ; Magde Elshafie, MD; Effingham Embree, Jr., IL; J Amelita Facchiano, TX; William Fales, MO; Mallory Gaines, DC; Julie Gard, AL; Chester Gipson, MD; Tony Good, OH; Cathleen Hanlon, NY; Robert Hilsenroth, FL; Donald Hoenig, ME; Floyd Horn, MD; Laurie Hueneke, DC; Annette Jones, CA; Elizabeth Lautner, IA; Susan McClanahan, MN; David Meeker, VA; Richard Mitchell, CT; Sandra Norman, IN; Elizabeth Parker, ITA; James Pearson, IA; William Pittenger, MO; Mark Remick, VA; Kay Riddell, AL; Paul Rodgers, WV; Larry Samples, PA; A. David Scarfe, IL; Shawn Schafer, ND; Kathryn Simmons, DC; Susan Tellez, TX; 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; William Wilson, KS; David Winters, TX; Richard Winters, Jr., TX; Cindy Wolf, MN.

Committee Meeting: Sunday – 12:30-5:30pm; Pacific Salon 3

Committee on Infectious Diseases of Cattle, Bison, and Camelids

Chair: James Evermann, WA

Vice Chair: Chuck Massengill, MO

Helen Acland, PA; Chris Ashworth, AR; Charlie Broadus, VA; Charles Brown II, WI; Beth Carlson, ND; Karen Conyngham, TX; Stephen Crawford, NH; 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; Dale Grotelueschen, TN; Thomas Hairgrove, TX; Rod Hall, OK; Timothy Hanosh, NM; Del Hensel, CO; 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; Rick Linscott, ME; Pat Long, TN; Francine Lord, ON; Janet Maass, CO; Patrick McDonough, NY; Shelley Mehlenbacher, VT; Richard Mock, NC; Cheryl Nelson, KY; Jewell Plumley, WV; Jeanne Rankin, MT; Julia Ridpath, IA; Keith Roehr, CO; Mark Ruder, KS; Bill Sauble, NM; Ben Smith, WA; Tom Smylie, ON; Nick Striegel, CO; Rodney Taylor, NM; Susan Tellez, TX; Robert Temple, OH; Charles Thoen, IA; Kenneth Throlson, ND; Paul Virkler, NY; Brad Williams, TX; William Wilson, KS.

Committee Meeting: Sunday – 12:30-5:30pm; Sunset

Committee on Infectious Diseases of Horses

Chair: W. Kent Fowler, CA

Vice Chair: Andy Schwartz, TX

Helen Acland, PA; George Badley, AR; Udeni Balasuriya, KY; Debbie Barr, ON; Tony Benz, MO; C. Black, GA; Becky Brewer-Walker, AR; Charlie Broadus, VA; Stan Bruntz, CO; Suzanne Burnham, TX; 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; Tony Frazier, AL; Robert Gerlach, AK; Paul Gibbs, FL; Kristin Haas, VT; Steven Halstead, MI; William Hare, MI; Greg Hawkins, TX; Carl Heckendorf, CO; Terry Hensley, TX; Michael Herrin, OK; Floyd Horn, MD; Bruce King, UT; Don Knowles, WA; Paul Kohrs, WA; 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; Angela Pelzel-McCluskey, CO; Jewell Plumley, WV; Jeanne Rankin, MT; Anette Rink, NV; Keith Roehr, CO; Dennis Schmitt, MO; Jack Shere, NC; Michael Short, FL; Marilyn Simunich, ID; David Smith, NY; Diane Stacy, IA; Robert Stout, KY; Manoel Tamassia, NJ; Rodney Taylor, NM; Peter Timoney, KY; Susan Trock, GA; Charles Vail, CO; Ellen Mary Wilson, CA; Ernest Zirkle, NJ.

Committee Meeting: Monday – 1:00-6:00pm; Sunrise

2013 USAHA Committees (cont.)

Committee on International Standards

Chair: Donald Hoenig, ME

Vice Chairs: Richard Willer, HI; William Hartmann, MN

Ian Alexander, ON; Joan Arnoldi, WI; Debbie Barr, ON; Bob Bokma, MD; Corrie Brown, GA; Stan Bruntz, CO; Jeein Chung, MN; John Clifford, DC; Eric Coleman, MD; Karen Conyngham, TX; Michael David, MD; Ron DeHaven, IL; Linda Detwiler, NJ; Peter Fernandez, AA; John Fischer, CA; Betsy Flores, VA; Mallory Gaines, DC; Cyril Gay, MD; Paul Gibbs, FL; Gail Golab, IL; David Harlan, MN; Annette Jones, CA; Karen Jordan, NC; Bruce King, UT; Elizabeth Lautner, IA; Randall Levings, IA; Linda Logan, TX; Kevin Maher, IA; Bret Marsh, IN; Todd McAloon, MN; Shirley McKenzie, NC; Elizabeth Parker, ITA; James Roth, IA; Mo Salman, CO; A. David Scarfe, IL; Kathryn Simmons, DC; Jonathan Sleeman, WI; Matthew Stone, NZ; Manoel Tamassia, NJ; Susan Tellez, TX; Peter Timoney, KY; Alfonso Torres, NY; Arnaldo Vaquer, VA; Jesse Vollmer, ND; Sherrilyn Wainwright, ITA; Steve Weber, CO; John Williams, MD; Norman Willis, ON; Nora Wineand, MO.

Committee Meeting: Monday – 1:00-6:00pm; Royal Palm Salons 1/2

Committee on John's Disease

Chair: Elisabeth Patton, WI

Vice Chair: Randy Wheeler, IA

John Adams, VA; Bruce Addison, MO; Paul Anderson, MN; Marilyn Balmer, MD; Richard Breitmeyer, CA; Charles Brown II, WI; Todd Byrem, MI; James Carroll, MO; Michael Collins, WI; Thomas Conner, OH; Stephen Crawford, NH; Evelyn Crish, PA; Ria de Grassi, CA; Anita Edmondson, CA; William Fales, MO; Kathy Finnerty, NY; Keith Forbes, NV; Mallory Gaines, DC; Robert Gerlach, AK; William Hare, MI; William Hartmann, MN; Linda Hickam, MO; Donald Hoenig, ME; David Hunter, MT; Carla Huston, MS; Annette Jones, CA; Jamie Jonker, VA; Karen Jordan, NC; Susan Keller, 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; Jeffrey Nelson, IA; Dustin Oedekoven, SD; Kenneth Olson, IL; Lanny Pace, MS; Elizabeth Parker, ITA; 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; William Shulaw, OH; Kathryn Simmons, DC; Marilyn Simunich, ID; Shri Singh, KY; Judy Stabel, IA; Scott Stuart, CO; Robert Temple, OH; Charles Thoen, IA; Brad Thurston, IN; Jesse Vollmer, ND; 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; Pacific Salons 4/5

2013 USAHA Committees (cont.)

Committee on Livestock Identification

Chair: Tony Forshey, OH

Vice Chairs: Kevin Maher, IA; Steven Halstead, MI

Sara Ahola, CO; J Lee Alley, AL; Joan Arnoldi, WI; James Averill, MI; Rich Baca, CO; Lowell Barnes, IN; 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 Broadus, VA; William Brown, KS; James Carroll, MO; Jon Caspers, IA; Alan Clark, WI; Robert Cobb, GA; Michael Coe, UT; Jim Collins, GA; Karen Conyngham, TX; Fred Cunningham, MS; Brandon Doss, AR; Anita Edmondson, CA; James England, ID; J Amelita Facchiano, TX; Kathy Finnerty, NY; Betsy Flores, VA; Robert Fourdraine, WI; W. Kent Fowler, CA; Tony Frazier, AL; Mallory Gaines, DC; Chelsea Good, MO; Rod Hall, OK; Neil Hammerschmidt, MD; William Hartmann, MN; Nephi Harvey, UT; Greg Hawkins, TX; Bill Hawks, DC; Jay Hawley, IN; Carl Heckendorf, CO; Kristi Henderson, IL; Bob Hillman, ID; Donald Hoenig, ME; Joseph Huff, CO; Dennis Hughes, NE; John Huntley, WA; Russell Iselt, TX; Jon Johnson, TX; Jamie Jonker, VA; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; Maxwell Lea, Jr., LA; James Leafstedt, SD; Mary Lis, CT; Jim Logan, WV; Laurent O'Gene Lollis, FL; Francine Lord, ON; Bret Marsh, IN; Stu Marsh, AZ; David Marshall, NC; Michael Martin, SC; Jay Mattison, WI; Paul McGraw, WI; James McKean, IA; Thomas McKenna, WI; Ronald Miller, PA; Ernie Morales, TX; Henry Moreau, LA; Jim Niewold, IL; Richard Odom, VA; Kenneth Olson, IL; Elizabeth Parker, ITA; Boyd Parr, SC; Jewell Plumley, WV; John Ragan, MD; Valerie Ragan, MD; Jeanne Rankin, MT; Tom Ray, NC; Kay Riddell, AL; Justin Roach, OK; Nancy Robinson, MO; Keith Roehr, CO; Larry Samples, PA; Bill Sauble, NM; A. David Scarfe, IL; Shawn Schafer, ND; Stacey Schwabenlander, MN; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Craig Shultz, PA; Richard Sibbel, IA; Kathryn Simmons, DC; David Smith, NY; Robert Stout, KY; Nick Striegel, CO; Scott Stuart, CO; Paul Sundberg, IA; Beth Thompson, MN; 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; Cindy Wolf, MN; Ernest Zirkle, NJ.

Committee Meeting: Tuesday – 8:00am-12:00pm; San Diego Ballroom

USAHA/AAVLD Committee on National Animal Health

Laboratory Network

Chair: Barbara Powers, CO

Vice Chair: Harry Snelson, NC

Helen Acland, PA; John Adaska, CA; Bruce Akey, NY; Gary Anderson, KS; Marianne Ash, IN; 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; Francois Elvinger, VA; Mallory Gaines, DC; Joseph Garvin, VA; Patrick Halbur, IA; Timothy Hanosh, NM; Jim Kistler, CA; Bob Hillman, ID; Stephen Hooser, IN; Holly Hughes-Garza, TX; Pamela Hullinger, CA; Bill Johnson, OK; Jay Kammerzell, CO; Jim Kistler, FL; Elizabeth Lautner, IA; Christina Loiacono, IA; David Marshall, NC; Barbara Martin, IA; Terry McElwain, WA; Michael McIntosh, NY; Thomas McKenna, WI; Dustin Oedekoven, SD; Kristy Pabilonia, CO; Lanny Pace, MS; Elizabeth Parker, ITA; Roger Parker, TX; Amar Patil, NJ; Jewell Plumley, WV; Robert Poppenga, CA; Keith Roehr, CO; Jeremiah Saliki, GA; Kathryn Simmons, DC; Marilyn Simunich, ID; Bruce Stewart-Brown, MD; Rodney Taylor, NM; Sarah Tomlinson, CO; David Zeman, SD.

Committee Meeting: Sunday – 12:00-3:00pm; Pacific Salon 2

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; W. Kent Fowler, CA; Thomas Hagerty, MN; Rod Hall, OK; Steven Halstead, MI; Linda Hickam, MO; Bob Hillman, ID; Donald Hoenig, ME; Maxwell Lea, Jr., LA; James Leafstedt, SD; Donald Lein, NY; Bret Marsh, IN; David Marshall, NC; Michael Marshall, UT; Richard McCapes, CA; Lee Myers, GA; John Ragan, MD; Glenn Rea, OR; Scott Stuart, CO; Manoel Tamassia, NJ; H. Wesley Towers, DE; Max Van Buskirk, PA; Richard Willer, HI; Larry Williams, NE; Ernest Zirkle, NJ.

Committee Meeting: On call of Chair

2013 USAHA Committees (cont.)

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; Anita Edmondson, CA; Richard Gerhold, TN; Chester Gipson, MD; Thomas Hairgrove, TX; Greg Hawkins, TX; Larry Hawkins, MO; Terry Hensley, TX; Linda Hickam, MO; Bob Hillman, ID; Thomas Holt, FL; Charlotte Krugler, SC; Linda Logan, TX; Francine Lord, ON; David Marshall, NC; Terry McElwain, WA; Daniel Mead, GA; Matthew Messenger, MD; Ernie Morales, TX; Don Notter, KY; James Novy, TX; Angela Pelzel-McCluskey, CO; Barbara Porter-Spalding, NC; Shawn Schafer, ND; Irene Schiller, ITA; Andy Schwartz, TX; Charly Seale, TX; John Shaw, AA; David Smith, NY; Robert Stout, KY; Paul Ugstad, NC; Arnaldo Vaquer, VA; Sherrilyn Wainwright, ITA; James Watson, MS.

Committee Meeting: Wednesday – 8:00am-12:00pm; Pacific Salons 6/7

Committee on Pharmaceuticals

Chair: Christine Hoang, IL

Vice Chair: Ellen Wilson, CA

Tom Burkgren, IA; Stephen Crawford, NH; William Fales, MO; Timothy Goldsmith, MN; Eric Gonder, NC; Kristi Henderson, IL; Rick Hill, IA; Donald Hoenig, ME; Jennifer Koeman, IA; Jason Lombard, CO; David Marshall, NC; Shelley Mehlenbacher, VT; Ashley Morgan, DC; M. Gatz Riddell, Jr., AL; Liz Wagstrom, DC.

Committee Meeting: Tuesday – 8:00am-12:00pm; Pacific Salon 6/7

Committee on Program

Chair: Stephen Crawford, NH

Lisa Becton, IA; Bonnie Buntain, AB; Stephen Crawford, NH; William Edmiston, TX; Dee Ellis, TX; Mark Engle, TN; James Evermann, WA; John Fischer, GA; Tony Forshey, OH; W. Kent Fowler, CA; Paul Gibbs, FL; Michael Gilsdorf, MD; Gail Golab, IL; Julie Helm, SC; Christine Hoang, IL; Donald Hoenig, ME; Annette Jones, CA; Bruce King, UT; Jim Logan, WY; N James MacLachlan, CA; David Marshall, NC; David Meeker, VA; Sandra Norman, IN; Dustin Oedekoven, SD; Charles Palmer, CA; Boyd Parr, SC; Elisabeth Patton, WI; Barbara Powers, CO; David Schmitt, IA; Kevin Snekvik, WA; Harry Snelson, NC; Nick Striegel, CO; Larry Thompson, MO; Doug Waltman, GA; Peregrine Wolff, NV; James Wolfram, FL.

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

Committee on Public Health and Rabies

Chair: Sandra Norman, IN

Vice Chair: Nancy Frank, MI

Helen Acland, PA; Gary Anderson, KS; Marianne Ash, IN; Scott Bender, AZ; Richard Chipman, NH; Joseph Corn, GA; Stephen Crawford, NH; Evelyn Crish, PA; Tarrie Cnic, KS; Koren Custer, WV; Donald Davis, TX; Ignacio dela Cruz, MP; Thomas DeLiberto, CO; Tracy DuVernoy, MD; James Foppoli, HI; Richard Gerhold, TN; Robert Gerlach, AK; Keith Haffer, SD; Steven Halstead, MI; Cathleen Hanlon, NY; Bill Hawks, DC; Jan Hershenhouse, CA; Rick Hill, IA; Christine Hoang, IL; Donald Hoenig, ME; Kristin Holt, GA; Dennis Horter, TN; Shylo Johnson, CO; Patrice Klein, MD; Spangler Klopp, DE; Carrie Klumb, MN; Jennifer Koeman, IA; Donald Lein, NY; Margie Lyness, GA; Joanne Maki, GA; Patrick McDonough, NY; Shirley McKenzie, NC; David Meeker, VA; Lee Myers, GA; Cheryl Nelson, KY; Marguerite Pappaioanou, DC; Roger Parker, TX; William Parker, GA; Kris Petrini, MN; Jewell Plumley, WV; Leon Russell, Jr., TX; John Sanders, WV; Joni Scheffel, MN; Stacey Schwabenlander, MN; Tom Sidwa, TX; Robert Singer, CA; Jonathan Sleeman, WI; Nick Striegel, CO; Paul Sundberg, IA; Manoel Tamassia, NJ; Belinda Thompson, NY; Brad Thurston, IN; Kurt VerCauteren, CO; Liz Wagstrom, DC; Margaret Wild, CO; Nora Wineland, MO; Stephanie Yendell, MN.

Committee Meeting: Tuesday – 1:00-5:30pm; Pacific Salon 3

2013 USAHA Committees (cont.)

Committee on Salmonella

Chair: Doug Waltman, GA

Vice Chair: Richard Sellers, VA

Deanna Baldwin, MD; Marilyn Balmer, MD; Stacey Bosch, GA; Richard Breitmeyer, CA; Paul Brennan, IN; Jones Bryan, SC; Evelyn Crish, PA; Kevin Custer, IA; Sherrill Davison, PA; Brandon Doss, AR; Tracy DuVernoy, MD; James Foppoli, HI; Tony Frazier, AL; Richard Gast, GA; Eric Gingerich, IN; Eric Gonder, NC; Jean Guard, GA; 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; Edward Mallinson, MD; Beth Mamer, ID; Sarah Mason, NC; Patrick McDonough, NY; James McKean, IA; David Meeker, VA; Alfred Montgomery, MD; Thomas Myers, MD; Kakambi Nagaraja, MN; Steve Olson, MN; Kristy Pabilonia, CO; Lynn Post, TX; G. Donald Ritter, DE; Charles S Roney, GA; John Sanders, WV; Joni Scheffel, MN; Tom Sidwa, TX; John Smith, GA; Bruce Stewart-Brown, MD; 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; Royal Palms Salons 1/2

Committee on Scrapie

Chair: Charles Palmer, CA

Vice Chair: Kristine Petrini, MN

Deborah Brennan, GA; Beth Carlson, ND; John Clifford, DC; Thomas Conner, OH; Walter Cook, WY; Stephen Crawford, NH; Linda Detwiler, NJ; Nancy East, CA; William Edmiston, TX; Anita Edmondson, CA; Dee Ellis, TX; Keith Forbes, NV; Michael Gilsdorf, MD; William Hartmann, MN; Carl Heckendorf, CO; Susan Keller, ND; James Leafstedt, SD; Mary Lis, CT; Jim Logan, WY; Michael Marshall, UT; Shirley McKenzie, NC; Cheryl Miller, IN; Ronald Miller, PA; Elisabeth Patton, WI; Jewell Plumley, WV; Justin Roach, OK; Suelee Robbe-Austerman, IA; Paul Rodgers, WV; Joan Dean Rowe, NC; 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 – 8:00am-12:00pm; Royal Palm Salons 3/4

Committee on Sheep and Goats

Chair: William Edmiston Jr., TX

Vice Chair: Don Knowles, WA

Scott Bender, AZ; Deborah Brennan, GA; John Clifford, DC; Thomas Conner, OH; Walter Cook, WY; Stephen Crawford, NH; Linda Detwiler, NJ; 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; Michael Marshall, UT; 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, NC; Mo Salman, CO; A. David Scarfe, IL; William Shulaw, OH; Diane Sutton, MD; Peter Timm, CA; Stephen White, WA; Margaret Wild, CO; Ellen Mary Wilson, CA; William Wilson, KS; Nora Wineland, MO; David Winters, TX; Cindy Wolf, MN.

Committee Meeting: Tuesday – 1:00-5:30pm; Royal Palm Salons 3/4

2013 USAHA Committees (cont.)

Committee on Transmissible Diseases of Poultry and Other Avian Species

Chair: Julie Helm, SC

Vice Chair: Pending

Bruce Akey, NY; John Atwell, NC; Lyndon Badcoe, WA; George Badley, AR; Deanna Baldwin, MD; Marilyn Balmer, MD; Richard Breitmeyer, CA; Deborah Brennan, GA; Paul Brennan, IN; Denise Brinson, GA; Nancy Chapman, MD; Bruce Charlton, CA; Steven Clark, NC; Stephen Crawford, NH; Sherrill Davison, PA; Thomas DeLiberto, CO; Brandon Doss, AR; Aly Fady, MI; Naola Ferguson-Noel, GA; Tony Forshey, OH; Patricia Fox, NC; Tony Frazier, AL; Marion Garcia, WV; Samantha Gibbs, VA; Isabel Gimeno, NC; Eric Gingerich, IN; Eric Gonder, NC; Tanya Graham, SD; James Grimm, TX; Scott Gustin, AR; William Hartmann, MN; Rudolf Hein, DE; 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; Gary Kinder, WV; Bruce King, UT; Patrice Klein, MD; Spangler Klopp, DE; Michael Kopp, IN; Elizabeth Krushinskie, DE; Dale Lauer, MN; Randall Levings, IA; Anne Lichtenwalner, ME; Tsang Long Lin, IN; Mary Lis, CT; Edward Mallinson, MD; David Marshall, NC; Sarah Mason, NC; Todd McAloon, MN; Gay Miller, IL; Patti Miller, GA; Kristi Moore Dorsey, KS; Lee Myers, GA; Thomas Myers, MD; Kakambi Nagaraja, MN; Steve Olson, MN; Claudia Osorio, MD; Kristy Pablonia, CO; Mary Pantin-Jackwood, GA; Boyd Parr, SC; James Pearson, IA; Angela Pelzel-McCluskey, CO; Jewell Plumley, WV; Willie Reed, IN; G. Donald Ritter, DE; Lisa Rodin, IN; Keith Roehr, CO; Charles S Roney, GA; A. Gregorio Rosales, AL; Michael Rybolt, DC; Mo Saif, OH; John Sanders, WV; Yuko Sato, IN; David Schmitt, IA; Andy Schwartz, TX; Jack Shere, NC; Marilyn Simunich, ID; Terry Slaten, AL; John Smith, GA; Philip Stayer, MS; Bruce Stewart-Brown, MD; Patricia Stonger, WI; Darrel Styles, MD; David Swayne, GA; Manoel Tamassia, NJ; Alberto Torres, AR; H. Wesley Towers, DE; Deoki Tripathy, IL; Susan Trock, GA; Arnaldo Vaquer, VA; Jesse Vollmer, ND; Shauna Voss, MN; Patricia Wakenell, IN; Don Waldrup, 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; Pacific Salons 1/2

Tuesday – 1:00-5:30pm; Pacific Salons 1/2

Committee on Transmissible Diseases of Swine

Chair: Harry Snelson, NC

Vice Chair: Lisa Becton, IA

Bobby Acord, NC; Gary Anderson, KS; Paul Anderson, MN; William Ballantyne, ON; Karen Beck, NC; C. Black, GA; Becky Brewer-Walker, AR; Corrie Brown, GA; 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; James Foppoli, HI; Tony Forshey, OH; Jim Fraley, IL; Nancy Frank, MI; Cyril Gay, MD; Michael Gilsdorf, MD; 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; Ken Horton, TX; James Kober, MI; Jennifer Koeman, IA; Elizabeth Lautner, IA; James Leafstedt, SD; Donald Lein, NY; Tsang Long Lin, IN; Bret Marsh, IN; David Marshall, NC; Chuck Massengill, MO; James McKean, IA; Gay Miller, IL; Gene Nemecek, NC; Jerome Nietfeld, KS; Jim Niewold, IL; Sandra Norman, IN; Gary Osweiler, IA; Kris Petrin, MN; Barbara Porter-Spalding, NC; Tom Ray, NC; James Roth, IA; Mo Salman, CO; Joni Scheffelt, MN; David Schmitt, IA; Richard Sibbel, IA; Paul Sundberg, IA; Brad Thacker, MD; Beth Thompson, MN; Susan Trock, GA; Paul Ugstad, NC; Lucie Verdon, ON; Liz Wagstrom, DC; Patrick Webb, IA; Margaret Wild, CO; Larry Williams, NE; Ellen Mary Wilson, CA; Nora Wineland, MO; Paul Yeske, MN.

Committee Meeting: Monday – 1:00-6:00pm; Royal Palm Salons 3/4

2013 USAHA Committees (cont.)

Committee on Tuberculosis

Chair: Dustin Oedekoven, SD

Vice Chair: Beth Thompson, MN

John Adams, VA; Sara Ahola, CO; Bruce Akey, NY; Wilbur Amand, PA; Joan Arnoldi, WI; James Averill, MI; Kay Backues, OK; Lowell Barnes, IN; Bill Barton, ID; Peter Belinsky, RI; Warren Bluntzer, TX; Steven Bolin, MI; Joyce Bowling-Heyward, MD; Richard Breitmeyer, CA; Becky Brewer-Walker, AR; Gary Brickler, CA; Charlie Broaddus, VA; Charles Brown II, WI; William Brown, KS; Mike Chaddock, DC; John Clifford, DC; Michael Coe, UT; Jim Collins, GA; Kathleen Connell, WA; Thomas Conner, OH; Walter Cook, WV; Donald Davis, TX; Thomas DeLiberto, CO; Jere Dick, MD; Leah Dorman, OH; Brandon Doss, AR; Anita Edmondson, CA; Dee Ellis, TX; Steven England, NM; Donald Evans, KS; John Fischer, GA; James Foppoli, HI; W. Kent Fowler, CA; Nancy Frank, MI; Mallory Gaines, DC; Tam Garland, TX; Robert Gerlach, AK; Michael Gilsdorf, MD; Chelsea Good, MO; Velmar Green, MI; Stephane Guillossou, MO; Thomas Hagerty, MN; Rod Hall, OK; Steven Halstead, MI; Noel Harrington, ON; William Hartmann, MN; Greg Hawkins, TX; Carl Heckendorf, CO; Terry Hensley, TX; Linda Hickam, MO; Bob Hillman, ID; Christine Hoang, IL; Donald Hoenig, ME; Thomas Holt, FL; Dennis Hughes, NE; John Huntley, WA; Billy Johnson, AR; Jon Johnson, TX; Shylo Johnson, CO; Jamie Jonker, VA; Karen Jordan, NC; Susan Keller, ND; Bruce King, UT; Diane Kitchen, FL; Paul Kohrs, WA; Maria Koller-Jones, ON; John Lawrence, ME; Maxwell Lea, Jr., LA; Rick Linscott, ME; Jason Lombard, CO; Konstantin Lyashchenko, NY; Daniel Manzanarez, NM; Bret Marsh, IN; Chuck Massengill, MO; Susan McClanahan, MN; Paul McGraw, WI; Robert Meyer, WV; Susan Mikota, TN; Michele Miller, FL; Eric Mohlman, NE; Ernie Morales, TX; Henry Moreau, LA; Julie Napier, NE; Sherrie Nash, MT; Alecia Naugle, MD; Cheryl Nelson, KY; Jeffrey Nelson, IA; Kenneth Olson, IL; Mitchell Palmer, IA; Elizabeth Parker, ITA; Boyd Parr, SC; Elisabeth Patton, WI; Janet Payeur, IA; Kris Petrin, MN; Alex Raeber, ZURICH; John Ragsdale, MN; Jeanne Rankin, MT; M. Gatz Riddell, Jr., AL; Suelee Robbe-Austerman, IA; Keith Roehr, CO; Mo Salman, CO; Larry Samples, PA; Bill Sauble, NM; Shawn Schafer, ND; Joni Scheffelt, MN; Irene Schiller, CH; David Schmitt, IA; Dennis Schmitt, MO; Stephen Schmitt, MI; Andy Schwartz, TX; Charly Seale, TX; Laurie Seale, WI; Craig Shultz, PA; Kathryn Simmons, DC; Daryl Simon, MN; Nick Striegel, CO; Rodney Taylor, NM; Tyler Thacker, IA; Charles Thoen, IA; Kenneth Throlson, ND; Darren Turley, TX; Paul Ugstad, NC; Arnaldo Vaquer, VA; Kurt VerCauteren, CO; Jesse Vollmer, ND; Mark Walter, PA; Ray Waters, IA; Scott Wells, MN; Diana Whipple, IA; Ellen Wiedner, FL; Richard Willer, HI; Brad Williams, TX; Kyle Wilson, TN; Ross Wilson, TX; Josh Winegarner, TX; Nora Wineland, MO; David Winters, TX; Jill Bryar Wood, TX; Ching Ching Wu, IN; Stephanie Yendell, MN; Marty Zaluski, MT.

Committee Meeting: Tuesday – 1:00-5:30pm; San Diego Ballroom

Scientific Advisory Subcommittee: Monday – 1:00-6:00pm; Royal Palm Salons 5/6

Committee on Wildlife Diseases

Chair: John Fischer, GA

Vice Chair: Colin Gillin, OR

Wilbur Amand, PA; Gary Anderson, KS; Neil Anderson, MT; Paul Anderson, MN; Joan Arnoldi, WI; Karen Beck, NC; Scott Bender, AZ; Warren Bluntzer, TX; Kristina Brunjes, KY; Beth Carlson, ND; Walter Cook, WV; Joseph Corn, GA; Thomas DeLiberto, CO; Mark Drew, ID; James Evermann, WA; Richard French, NH; Francis Galey, WV; Robert Gerlach, AK; Paul Gibbs, FL; Linda Glaser, MN; Greg Hawkins, TX; Kristi Henderson, IL; Terry Hensley, TX; Linda Hickam, MO; Donald Hoenig, ME; David Hunter, MT; Mandy Kauffman, WV; Kevin Keel, CA; Susan Keller, ND; Patrice Klein, MD; Terry Kreeger, WV; Jim Logan, WV; Francine Lord, ON; Margie Lyness, GA; David Marshall, NC; Chuck Massengill, MO; Gregory Mayr, NV; Leslie McFarlane, UT; Daniel Mead, GA; Robert Meyer, WV; Michele Miller, FL; Eric Mohlman, NE; Mitchell Palmer, IA; Jewell Plumley, WV; Jennifer Ramsey, MT; Justin Roach, OK; Mark Ruder, KS; Emi Saito, CO; Shawn Schafer, ND; David Schmitt, IA; Dennis Schmitt, MO; Stephen Schmitt, MI; Brant Schumaker, WV; Charly Seale, TX; Laurie Seale, WI; Daryl Simon, MN; Jonathan Sleeman, WI; David Stallknecht, GA; Cleve Tedford, TN; Robert Temple, OH; Charles Thoen, IA; Lee Ann Thomas, MD; Brad Thurston, IN; Kurt VerCauteren, CO; Diana Whipple, IA; Ellen Wiedner, FL; Margaret Wild, CO; Richard Willer, HI; Ellen Mary Wilson, CA; David Winters, TX; Richard Winters, Jr., TX; Cindy Wolf, MN; Peregrine Wolff, NV; Mary Wood, WV; Marty Zaluski, MT.

Committee Meeting: Sunday – 12:30-5:30pm; Sunrise

AAVLD Exhibitors October 19–20, 2013

Exhibit Hall Times

Saturday, October 19

9:00 am - 10:00 am

11:30 am - 1:00 pm

3:00 pm - 6:00 pm

Refreshments available during exhibit times

Sunday, October 20

9:00 am - 10:30 am

Booth Company

25	Advanced Technology Corp. VADDS
28	Anaerobe Systems
26	Biocare Medical
27	Biolog, Inc.
14	BioMerieux
10	Bio-Rad AbD Serotec
34	Biovet, Inc.
12	Bruker Daltonics
35	Centaur, Inc.
33	Computer Aid, Inc.
1	ECL2/Q-Pulse
9	GeneReach Biotechnology Corporation
21	GlobalVetLINK
13	Hardy Diagnostics
19-20	IDEXX Laboratories
22-23	Life Technologies
16	LIMS Pro, Inc.
31	Mitsubishi Gas Chemical America, Inc.
4	Nat'l Instit. Animal Agriculture (NIAA)
11	Omega Bio-Tek
8	PRI Bio (Progressive Recovery, Inc.)
5	Prionics
2-3	QIAGEN, Inc.
30	Qualtrax
32	SafePath Laboratories, LLC
29	SAGE
7	Tetracore, Inc.
24	Thermo Scientific
6	VMRD, Inc.
17-18	Zoetis (was Pfizer Animal Health)

Poster Session

9:00 am-6:00 pm Saturday, Oct 19

7:00 am-10:30 am Sunday, Oct 20

Authors present 3:00-4:00 pm on Saturday, Oct 19, 2013

AAVLD Exhibitors Floor Plan

Sponsor Presentations – Saturday, October 19

IDEXX 6:00-6:15pm – Pacific Salon 2

The Role of Oral Fluids in Swine Herd Management

PRIONICS 6:15-6:30pm – Pacific Salon 3

PrioCHECK® Salmonella Antibody Tests: New Tools to Screen Bovine Serum, Plasma and Milk Samples

ZOETIS 6:30-6:45pm – Pacific Salon 3

An empirical approach to confidence intervals of Positive and Negative Predictive Values Extrapolated from case control studies.

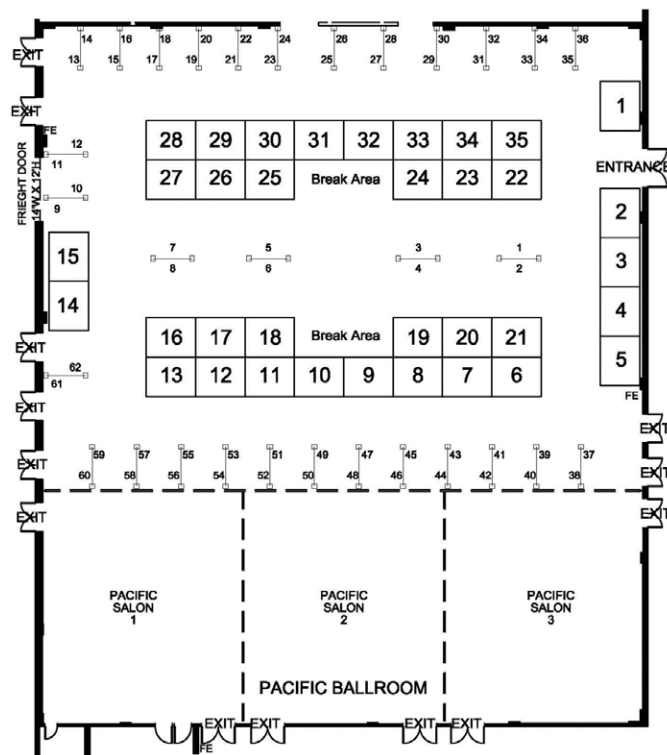
QIAGEN 6:30-7:00pm – Pacific Salon 2

What's new at QIAGEN?

AAVLD Exhibits and Posters Floor Plan

October 19-20, 2013

Golden Ballroom



Notes

Future USAHA/AAVLD Annual Meetings

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

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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Trace First, Ltd.
VADDS
Zoetis