

**124th
Annual Meeting**

**SOUTH DAKOTA
VETERINARY MEDICAL
ASSOCIATION**



August 9-12, 2015

Best Western Ramkota Hotel
& Conference Center
3200 W. Maple Street
Sioux Falls, SD

MESSAGE FROM OUR PRESIDENT

President's Welcome

Welcome to the 124th South Dakota Veterinary Medical Association Annual Meeting and Continuing Education Program. This meeting provides a great opportunity for us to renew old acquaintances and welcome the new practitioners to our Association. It also provides a way for us to share our collective expertise for the betterment of the profession.



We have a lot in store for our time together, and I hope you will take advantage of all we have to offer. In addition to the 36 hours of Continuing Education credits that will be offered, there are a number of exhibitors to visit. These exhibitors help make the meeting possible through their financial support, so please take a few moments to stop by the booths and thank them for being with us.

There are also great entertainment options. On Sunday, join us for a Steak Fry at Sertoma Park to kick off the meeting. And as always, there will be fun for a great cause when the Alliance hosts its annual auction to benefit the SDVMA Foundation on Monday evening. The SDVMA President's Reception is Tuesday evening and the Cartwright Brothers will provide the entertainment for the evening.

I look forward to seeing you at the meeting, getting your ideas on how SDVMA can better serve your needs, and hearing your thoughts on our profession. I will see you in Sioux Falls!

Sincerely,

Todd Carr, DVM
SDVMA President

South Dakota Veterinary Medical Association
Box 2175, SDSU
Brookings, SD 57007
Ph: 605-688-6649
www.sdvmed.org

MEETING OVERVIEW

Sunday, August 9

- 1:00—5:00 Registration — East Lobby
 2:00 p.m. SDVMA Board Meeting — Crystal Room
 6:00 p.m. Steak Fry at Sertoma Park
 Sponsored by Elanco in partnership with MWI Veterinary Supply and Animal Health International/Patterson Veterinary

Monday, August 10

- 7:00 a.m. Past Presidents' Breakfast—for past presidents & current board members — Maple Room
 7:00—5:00 Registration — East Lobby
 7:00 a.m. Continental Breakfast — Exhibit Hall
 8:00—12:00 Continuing Education program
 8:30—10:00 Alliance Business Meeting & Breakfast— Maple Room
 10:00—2:00 Rabies Titer Testing — Board Room
 12:00 noon Luncheon (veterinarians, technicians, students, & spouses) — Washington Room
 1:00—5:00 Continuing Education program
 4:00—5:00 Foundation Meeting — Board Room
 5:00 p.m. Auction Market Meeting — Amphitheater I
 5:30 p.m. Social—Exhibit Hall
 6:30 p.m. Dinner Buffet sponsored in part by Iowa State University College of Veterinary Medicine — Washington Room
 7:30 p.m. SDVMA Alliance Auction — Washington Room

Tuesday, August 11

- 7:00 a.m. Christian Veterinary Fellowship Breakfast—Washington Room
 7:00-12:00 Registration — East Lobby
 7:00 a.m. Continental Breakfast — Exhibit Hall
 8:00—12:00 Continuing Education program
 12:00—2:00 Lunch and SDVMA Business Meeting – Washington Room
 2:00—2:30 Ice cream social hosted by SDSU Veterinary & Biomedical Sciences / Animal Disease Research & Diagnostic Laboratory
 2:30—5:00 Continuing Education program
 4:00 p.m. Exhibit area closes
 5:00 p.m. New Practitioner Networking Social (Practitioners 1-7 years), Conference Room 2
 6:00 p.m. Social — Washington Room
 6:30 p.m. President's Reception — Washington Room
 Entertainment by The Cartwright Brothers

Wednesday, August 12

- 7:00 a.m. Continental Breakfast – Amphitheater Lobby
 8:00—12:00 Continuing Education program

SDVMA LEADERSHIP

BOARD OF DIRECTORS


President.....	Todd Carr, DVM, Sioux Falls, SD
President-Elect.....	Christy Teets, DVM, Rapid City, SD
Vice President.....	Travis White, DVM, Wessington Springs
Secretary-Treasurer	Michelle Jensen, DVM, Harrisburg, SD
District 1 Rep.....	Mark Braunschmidt, DVM, Brandon, SD
District 2 Rep.....	Chanda Nilsson, DVM, Groton, SD
District 3 Rep.....	Ethan Andress, DVM, Hettinger, ND
Past President	Tom Rentschler, DVM, Tea, SD
Executive Director.....	Jennifer Stalley, Pierre, SD
AVMA Delegate.....	Chris Chase, DVM, Brookings, SD
AVMA Alternate Delegate	Cynthia Franklin, DVM, Yankton, SD

2014—2015 COMMITTEE ASSIGNMENTS

Legislative	Membership	Convention
*Todd Carr	*Cynthia Franklin	*Russ Daly
Christy Teets	Chris Chase	Angie Plahn
Tom Rentschler	Ethan Andress	Erica Koller
Kevin Klozenbucher	Chanda Nilsson	Craig Hanson
Michelle Jensen	Mark Braunschmidt	Kevin DiVerde
	Heather Lerseth-Fliehs	Eric Knock
	Haley Hoien	Jared Janke
	Heidi Sorensen	
Finance		Nominating
*Travis White		*Cynthia Franklin
Todd Carr		Penny Dye
Tom Rentschler		Bill Baus
Kami Ireland	*Chairperson	

ALLIANCE LEADERS

Convener.....	Shari West-Twitero
Secretary.....	Darla Wasson
Treasurer.....	Linda Stangle
Auction chair	Bea Hansen
Registration co-chairs	Kit Tornberg & Connie McKnight
Veterinary scholarship co-chairs	Linda Stangle, Connie Hageman, and Joyce Good



CONGRATULATIONS
to our 2015 graduates
from South Dakota

Dr. Charlie Bahnson	Dr. Sara Hofer
Dr. Joseph Darrington	Dr. Amanda Huck
Dr. Emily Gamm	Dr. Benjamin Lamp
Dr. Carolyn Geis	Dr. Jessica Ludvik
Dr. Drew Grosz	Dr. Andrew Rogen
Dr. Jenessa Grau	

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RABIES TITER TESTING

SDVMA, in conjunction with the South Dakota Department of Health, will offer rabies titer testing from 10 am – 2 pm on Monday, August 10th. Veterinarians and technicians can have blood drawn for testing with reports back to the tested individual.

This service will be provided on a cost recovery basis for \$47.50 per sample. Only checks will be accepted. You may bring samples for yourself or staff in a labeled container. (Name, DOB, address, phone number and date of blood draw).

The Centers for Disease Control and Prevention recommends veterinarians and staff working in rabies enzootic areas (which includes South Dakota) have a serum sample tested for rabies antibody every 2 years.

AUCTION MARKET MEETING

Auction market inspecting veterinarians are encouraged to attend the Auction Market Veterinarian meeting scheduled for 5:00 p.m. on Monday, August 10th during the SDVMA Annual Meeting at the Best Western Ramkota Hotel in Sioux Falls, SD. Dr. Oedekoven, SD State Veterinarian, will be leading the discussion on current auction market issues.

The intent of this meeting is to share information on topics such as: animal ID and the animal disease traceability rule, electronic CVI's and other forms, change of ownership reporting, animal welfare, scrapie requirements, trich issues, and other issues or questions that are brought forward.

SDVMA ALLIANCE

Welcome friends of veterinary medicine. You are invited to the SDVMA Alliance business meeting/social on Monday morning starting at 8:30. We'll organize for the convention and the year ahead at that time. Our major event is the benefit auction on Monday evening. The proceeds of this event sponsors regional science fair awards and veterinary and vet tech scholarships as well as working to build the corpus of the SDVMA Foundation. Join us!

Shari West-Twitero

Monday, August 10

8:30—10:00 Alliance Business Meeting and Breakfast — Maple Room

The Alliance hospitality area in the exhibit hall is open at the following times:

Monday 10:00—12:00 & 1:00—5:00

Tuesday 7:00—12:00 & 1:00—5:00

Alliance members and friends are invited to all social activities.

LARGE ANIMAL PROGRAM

Amphitheater II

Monday, August 10

8:00—9:30 Antibiotic Resistance, Antibiotic Stewardship and Why We Should Care: MRSA, MRSP, Salmonella, *E. coli*, Pseudomonas..., *Dr. Mike Apley*

9:30—10:00 Break—Visit the Exhibits

10:00—12:00 Upcoming Changes in Regulations for the Use of Antimicrobials in the Feed and Water of Food Animals with an Emphasis on the New VFD Rule, *Dr. Mike Apley*

12:00 Lunch

1:00—2:30 Bovine Viral Infections: Impact on Disease, Diagnostic Testing, and Control/Vaccinations—Bovine Coronaviruses, Bovine herpesvirus-1, and BVD Viruses; *Dr. Robert Fulton*

2:30—3:00 Break—Visit the Exhibits

3:00—5:00 *Dr. Robert Fulton*, continued

Tuesday, August 11

8:00—9:30 Corrective Trimming and Shoeing—What Veterinarians Need to Know, *Dr. Jacob Butler*

9:30—10:00 Break—Visit the Exhibits

10:00—12:00 *Dr. Jacob Butler*, continued

12:00—2:00 Lunch and SDVMA Business Meeting – Washington Room

2:00—2:30 Ice cream social hosted by SDSU Veterinary & Biomedical Sciences / Animal Disease Research & Diagnostic Laboratory

2:30—5:00 SDSU Animal Disease Research and Diagnostic Laboratory Case Presentations

- Planning for the Future of Veterinary Diagnostics in South Dakota, *Dr. Jane Hennings*
- The ADRDL Response to Avian Influenza, *Travis Clement*
- A 6-Day Old Foal With Diarrhea: An Unusual Diagnosis, *Dr. Dave Knudsen*
- Losing Their Tails: Ergot Toxicity in Young Bulls, *Dr. Dale Miskimins and Dr. James Beaty*
- Using SNPs to Identify IBR Viruses in Field Investigations — What Are They and How do We Use Them? *Dr. Chris Chase*

Wednesday, August 12

8:00—12:00 Update on Colostrum Management; Pasteurized Milk Feeding Systems—Capturing the Benefits and Avoiding the Pitfalls; Pros, Cons and Best Management Practices for Group Housing and Computer Feeding of Preweaned Dairy Calves; *Dr. Sandra Godden*

SMALL ANIMAL PROGRAM

Amphitheater I

Monday, August 10

- 8:00—10:00 How to Treat Anything ‘Behavior’
Body Language of Pets + Scientific Learning Principles = Why
Dominance Based Treatment Approaches are Harmful;
How to Address Behavior Problems Without Spending all Day
in an Exam Room; *Dr. Margaret Duxbury*
- 10:00—10:30 Break—Visit the Exhibits
- 10:30—12:00 The Newest, Best and Most Effective Tools for Behavior
Modification;
Behavior Medications. When and What to Prescribe. What
They Can and Can’t Do. *Dr. Margaret Duxbury*
- 12:00 Lunch
- 1:00—3:00 Zoonotic Influenza—The Human-Animal Interface;
Companion Animal Zoonotic Disease Case Reports—Timely
Topics; *Dr. Jeff Bender*
- 3:00—3:30 Break—Visit the Exhibits
- 3:30—5:00 MRSA in the Veterinary Clinic Setting;
Antimicrobial Stewardship for Companion Animals;
Dr. Jeff Bender

Tuesday, August 11

- 8:00—9:45 Injuries and Conditions of Field Trial and Hunting Dogs:
Diagnosis, Treatment and Evidenced-Based Rehabilitation
and Sports Medicine, *Dr. Joe Spoo*
- 9:45—10:15 Break—Visit the Exhibits
- 10:15—12:00 A Pain in the Neck—Diagnosing and Treating Neck and Back
Pain in Small Animals;
Full Tilt! Diagnosing and Managing Vestibular Dysfunction in
Dogs and Cats; *Dr. Christopher Mariani*
- 12:00—2:00 Lunch and SDVMA Business Meeting – Washington Room
- 2:00—2:30 Ice cream social hosted by SDSU Veterinary & Biomedical
Sciences / Animal Disease Research & Diagnostic Laboratory
- 2:30—5:00 Seize the Day—Management of Routine and Difficult-to-
Control Small Animal Epileptics;
Is it Orthopaedic or Neurologic? Sorting our Lameness,
Paresis and Dogs that Won’t Get Up; *Dr. Christopher Mariani*

Wednesday, August 12

- 8:00—12:00 Everything You Need to Know about Canine and Feline
Vaccines and Vaccination Programs; *Dr. Ronald D. Schultz*

VETERINARY TECHNICIAN PROGRAM

Veterinary Technicians are invited to attend any large or small animal session to receive continuing education credit.

SCHOLARSHIP FOUNDATION MEETING

The South Dakota Veterinary Medical Foundation will meet at 4:00 p.m. on Monday, August 10 in the Board Room of the Ramkota Hotel and Convention Center in Sioux Falls, SD, in for the purpose of holding its annual meeting.

The mission of the Foundation is to support students involved in the study of veterinary medicine through financial assistance. The Foundation is managed by a seven member board of directors. Elections of open director positions will be held at the meeting.



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SPEAKERS

Mike Apley, DVM, PhD

Dr. Apley is a veterinarian with a PhD in physiology (pharmacology). He is a Diplomate of the American College of Veterinary Clinical Pharmacology. His practice background includes general practice in central Kansas and a feedlot consulting/contract research practice based in Colorado. Dr. Apley was on the faculty at Iowa State University for 9 years through 2005. He is currently a professor in the Department of Veterinary Clinical Sciences at Kansas State University. Dr. Apley works with veterinarians and producers throughout the United States concerning the use of drugs in food animals and also in the area of beef cattle health with an emphasis on feedlots.



Dr. Apley teaches in the beef production medicine, large animal medicine, and pharmacology courses. His research interests include infectious disease, antibiotic efficacy and resistance, drug residues, and applications of drugs in food animals. Dr. Apley is a past president of the Academy of Veterinary Consultants and the American College of Veterinary Clinical Pharmacology.

Jeff Bender, BS, DVM, MS

Dr. Bender is a Professor at the University of Minnesota in the College of Veterinary Medicine and the School of Public Health. He is the Co-Director of the Upper Midwest Center for Agriculture Safety and Health and serves as the hospital epidemiologist for the University of Minnesota Veterinary Medical Center. His primary teaching and research interests include infection prevention, disease surveillance, emerging zoonotic diseases, occupational health, food safety and antimicrobial resistance.



Jacob Butler, CJF

Jacob Butler is a Certified Journeyman Farrier and an Associate of the Worshipful Company of Farriers. He is the Director and an Instructor at Butler Professional Farrier School LLC, located near Chadron, NE.



Margaret Duxbury, DVM, DACVB

Margaret M. Duxbury graduated from veterinary school at the University of Minnesota. After 15 years working in mixed and small animal practices, she completed a behavior residency and became certified by the American College of Veterinary Behaviorists. Dr. Duxbury served on the faculty of the University of Minnesota College of Veterinary Medicine from 2002 to 2015, reaching the rank of Associate Clinical Professor. She has



SPEAKERS

recently left academia to start a private behavior -only practice in Minneapolis; Veterinary Behavior Specialties of Minnesota PLLC. Dr. Duxbury has lived and worked in both urban and rural areas. She and her husband David now live in Minneapolis, but frequently spend time in northern Minnesota with their adult children and a host of pets.

Robert Fulton, DVM, PhD, Regents Professor and McCasland Foundation Endowed Chair for Food Animal Research, Diplomate, American College of Veterinary Microbiologists

Dr. Robert W. Fulton is a Regents Professor and McCasland Foundation Endowed Chair for Food Animal Research, Department of Veterinary Pathobiology, Oklahoma State University Center for Veterinary Health Sciences. Dr. Fulton is a native of the farming community of Blackwell, OK. He received his DVM, Oklahoma State University, MS, Washington State University, and PhD, University of Missouri-Columbia. He served in the U.S. Air Force Veterinary Services in Manila, Philippines and Vandenberg AFB, CA. He is a Diplomate, American College of Veterinary Microbiologists. Membership includes, AVMA, OVMA, AABP, Academy of Veterinary Consultants, and AAVID. Dr. Fulton received the 2015 Outstanding Service Award from the AVC and Merck Animal Health. His research interest includes bovine respiratory viruses, BVDV, viral vaccines and diagnostic testing.



Dr. Sandra Godden, DVM, DVSc

Sandra is a 1993 graduate of the Ontario Veterinary College, University of Guelph. After working for two years as an associate veterinarian in mixed practice in Eastern Ontario, she returned to Guelph to complete a Doctor of Veterinary Science degree specializing in dairy production medicine. From 1998 to present she has been a member of the Department of Population Medicine, University of Minnesota where she is involved with professional student teaching, applied research and outreach activities in dairy production medicine. Major academic interests include applied research in mastitis control, colostrum and calf health management, Johne's Disease control and transition cow management. She is the recipient of the CVM Faculty Award for Excellence in Didactic Teaching in 2007 and 2010, the CVM Mark of Excellence Award in 2011, the MVMA Outstanding Faculty Award in 2011, and the CVM Award of Excellence in Graduate Teaching and Advising for 2014.



SPEAKERS

Christopher Mariani, DVM, PhD, DACVIM (Neurology)

Christopher Mariani was born near Toronto, Ontario, and graduated from the Ontario Veterinary College at the University of Guelph in 1996. He completed a rotating small animal internship at Michigan Veterinary Specialists, followed by one year as an associate veterinarian in Beverly Hills, Michigan. After this he began a residency in neurology and neurosurgery at the University of Florida College of Veterinary Medicine. This was followed by graduate work in brain tumor immunotherapy, leading to a PhD in Neuroscience from the College of Medicine, also at the University of Florida. Dr. Mariani is a diplomate of the American College of Veterinary Internal Medicine (Neurology subspecialty) and is currently an Associate Professor of Neurology & Neurosurgery at North Carolina State University. His professional interests include epilepsy, inflammatory brain disease and brain tumor therapy.



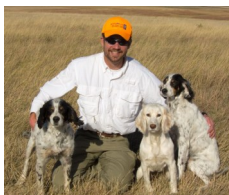
Ronald D. Schultz, BS, MS, PhD

Ronald D. Schultz has held faculty positions at NY State College of Veterinary Medicine at Cornell University (1970-1978), School of Veterinary Medicine, Auburn University (1978-1982) and has been Professor and Founding Chair of the Dept of Pathobiological Science, School of Veterinary Medicine, University of Madison, since 1982.



Joe Spoo, DVM, CCRT, Diplomate American College of Veterinary Sports Medicine & Rehabilitation

Dr. Joe Spoo is a 2001 graduate of the Iowa State University College of Veterinary Medicine. Dr. Spoo has a passion for the canine athlete and believes in a cradle-to-grave approach to managing the working dog. He is a Diplomate of the American College of Veterinary Sports Medicine and Rehabilitation and is a frequent lecturer on hunting dog specific health issues. While his primary focus is the hunting breeds, his research and publications have included work with agility dogs, sled dogs and search and rescue dogs. In addition to his practice responsibilities he has an active consulting business serving sporting dog owners and the sporting dog industry. He also manages a website (www.gundogdoc.com), a comprehensive resource for all things gun-dog related. His specialty hospital is the first such facility in the Dakotas where he continues to expand the region's specialty services.



SPEAKERS

Animal Disease Research & Diagnostic Laboratory Case Presentations from



Dr. Jane Hennings, SDSU

Travis Clement, SDSU

Dr. David Knudsen, SDSU

Dr. Dale Miskimins, SDSU, and Dr. James Beaty, Mitchell

Dr. Chris Chase, SDSU

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