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ROOM RESERVATIONS AT THE HOTEL

For room reservations, call the Sioux Falls Best Western Plus Ramkota Hotel at 605-336-0650 by **July 19** and mention SD Veterinary Medical Association for convention rates of $102.99 + tax.

127th

Annual Meeting

SOUTH DAKOTA VETERINARY MEDICAL ASSOCIATION

August 12-15, 2018

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

MESSAGE FROM OUR PRESIDENT

President's Welcome



Welcome to the 127th South Dakota Veterinary Medical Association Annual Meeting and Continuing Education Program. This meeting provides a great opportunity for our members 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.

This year we are making modifications to a couple of our social activities. We are trying to be more family friendly this year by bringing the Sunday dinner back to the Ramkota outdoor pool area so you can register for the meeting, settle into your hotel room and be at the social event without leaving the hotel. We will have a grill out poolside in a casual atmosphere to let you socialize and reconnect with colleagues and their families. On Tuesday evening, the President's Reception will be a Come & Go Reception to welcome our new officers, with heavy hors d'oeuvres and beverages, but no formal program or dinner. This will give everyone an unscheduled evening to connect with colleagues.

In between these improved social events, there will be fun for a great cause when the Alliance hosts its annual auction to benefit the SDVMA Scholarship Foundation on Monday evening. We will also recognize a number of leaders in our profession. We also have a number of industry partners slated to exhibit the latest in technology and products for us throughout the meeting. 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. The cornerstone of our meeting is the excellent continuing education program. Our CE Committee has put together a program of 37 hours of Continuing Education credits that will be offered throughout the meeting.

I look forward to seeing you at the meeting!

Sincerely,

Michelle Jensen, DVM
SDVMA President

REGISTRATION

By mail:
South Dakota Veterinary Medical Association
Box 2175, SDSU
Brookings, SD 57007
Ph: 605-688-6649

On-line:
www.sdvetmed.org

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SPEAKERS

California San Francisco and is currently Equine Medicine faculty at Colorado State University. Dr. Nout-Lomas' goal is to improve diagnostic capabilities and treatment options for horses with neurologic disease. She is ACVIM and ACVECC boarded, completed a PhD (Neuroscience), and postdoc research at UCSF before joining CSU.

Jean-Sébastien Palerme



Dr. Palerme earned his DVM degree from the University of Montreal in 2008. He then pursued his veterinary training by completing a rotating internship at the Ontario Veterinary College, as well as an internal medicine residency at North Carolina State University. After spending a year as a lecturer at North Carolina State University, he joined the Iowa State University College of Veterinary Medicine in 2015 where he teaches small animal internal medicine.

Animal Disease Research & Diagnostic Laboratory Case Presentations from

- **Dr. Chris Chase**
- **Dr. Dale Miskimins, SDSU**
- **Dr. Diego Diel or Dr. Fernando Bauermann**
- **Dr. Dave Knudsen**
- **Dr. Angela Pillatzki**
- **Jon Greseth**

Thank You for Supporting the SDVMA Scholarship Foundation.

SDVMA Scholarship Foundation, Inc.

Your generous donations have allowed us to give 70 Scholarships since 2002

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MEETING OVERVIEW

Sunday, August 12

2:00—5:00	South Dakota BQA Trainer Certification Training—Conference Room #2
2:00—5:00	Registration — East Lobby
3:00 p.m.	SDVMA Board Meeting — Crystal Room
6:00 p.m.	Family Picnic at the Ramkota poolside Sponsored by Elanco and MWI Veterinary Supply

Monday, August 13

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— Conference Rm #3
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	Scholarship Foundation Meeting — Board Room
5:00—5:30	New Practitioner Networking Social (Practitioners 1-7 years) — Conference Room #2
5:30 p.m.	Social—Exhibit Hall
6:30 p.m.	Dinner Buffet — Washington Room
7:30 p.m.	SDVMA Alliance Auction — Washington Room

Tuesday, August 14

7:00 a.m.	Christian Veterinary Fellowship Breakfast—Conference Rm #2
7:00—12:00	Registration — East Lobby
7:00 a.m.	Continental Breakfast — Exhibit Hall
8:00—12:00	Continuing Education program
12:00 noon	Lunch — Washington Room
1:00—2:00	SDVMA Business Meeting — Washington Room
2:00—2:30	Ice cream social hosted by SDSU Veterinary & Biomedical Sciences / Animal Disease Research & Diagnostic Lab
2:30—5:00	Continuing Education program
4:00 p.m.	Exhibit area closes
5:00—6:30	President's Come & Go Reception — Washington Room

Wednesday, August 15

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



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SPEAKERS

Microbiology in 2016. She is boarded in Large Animal Internal Medicine and is currently an Assistant Professor at ISU where she provides clinical services in the Food Animal and Camelid Hospital along with having a research lab focusing on infectious diseases of livestock. In addition to her day job, she also owns and operates a registered Angus seedstock and grassfed beef operation with her parents and husband.

Brian Lubbers, DVM, PhD, DACVCP



Dr. Brian Lubbers is currently the Director of the Clinical Microbiology section of the Kansas State Veterinary Diagnostic Laboratory. Dr. Lubbers graduated from the Kansas State University College of Veterinary Medicine in 2002 and worked in private veterinary practices in California and Iowa with a primary interest in dairy and beef medicine. In 2005, he returned to Kansas State University as a Clinical Instructor (Agricultural Practices), where he completed his PhD in Microbiology (Pharmacology). He is a Diplomate of the American College of Veterinary Clinical Pharmacologists and current chair holder of the Clinical and Laboratory Standards Institute – Veterinary Antimicrobial Susceptibility Testing subcommittee. His teaching and research interests are antimicrobial therapy, antimicrobial resistance and antimicrobial susceptibility testing in food animals.

Michael Murphy, DVM, JD, PhD, Veterinary Medical Officer



Dr. Mike Murphy is a Veterinary Medical Officer in the Office of the Director, Center for Veterinary Medicine (CVM) at FDA (Food and Drug Administration, DHHS). Mike joined CVM in 2009 after 27 years in veterinary diagnostic laboratories in Minnesota and Texas. He will be presenting the current regulatory status of the use of medically important antimicrobials in or on feed or in water of food-producing animals.

Margaret Musser, DVM, DACVIM



Dr. Meg Musser graduated from the University of Illinois in 2010. She completed a rotating internship at VCA West LA, and an oncology residency at North Carolina State University. She became a diplomate of the American College of Veterinary Internal Medicine (Oncology) in 2015. For three years, Dr. Musser worked in a private specialty practice in Connecticut. She joined the Iowa State oncology service in August, 2017.

Yvette Nout-Lomas, DVM, PhD, Dip ACVIM, Dip ACVECC



Dr. Yvette Nout-Lomas earned her DVM from Utrecht University in The Netherlands. She completed residencies in Equine Internal Medicine and Equine Emergency and Critical Care and earned a PhD in Neuroscience at The Ohio State University. She has done postdoctoral work in comparative neuroscience at University of

SPEAKERS

Science with an emphasis in Academic Libraries from Connecticut State University and a Master of Fine Arts in Theatre from the University of South Dakota.

Donnell Hansen, DVM, DAVDC



Dr. Donnell Hansen, a Minnesota native, graduated from the University of Minnesota Veterinary School in 2005. She completed an internship at Oklahoma State University before returning to the University of Minnesota to complete her residency in dentistry and oral surgery. Dr. Hansen became a Diplomate of the American Veterinary Dental College in 2010. In 2009, Dr. Hansen joined other specialists to form Moxie Center in Eden Prairie, Minnesota which is now known as BluePearl Veterinary Partners. She currently has offices in Eden Prairie and Blaine, Minnesota. Dr. Hansen's special interest is maxillofacial surgery. She enjoys the opportunity to speak about the value of veterinary dentistry and oral surgery both from a patient care standpoint and a practice health perspective.

Dr. Hansen was involved in general practice throughout her training. Although her daily life is now spent in specialty care, she also owns a general practice with her husband and offers in-house continuing education to general practices which provides a great reminder about life "in the trenches."

Donnell enjoys time with her husband (also a veterinarian) and two children on Minnesota's 10,000 lakes or working a jigsaw puzzle during the cold Minnesota winters. She shares her home with several four legged kids, including a pocket Pittie, Crickett, and a Frenchie named FrankNBeans

Kristina Kiefer, DVM, PhD, DACVSMR, CCRP



Dr. Kristina Kiefer is a University of Minnesota College of Veterinary Medicine graduate, earning her DVM in 2006. She advanced her training further with a small animal internship at Red Bank Veterinary Hospital, and a surgical internship at Gulf Coast Veterinary Medicine. She returned to the University of Minnesota, where she completed a surgical residency, and a PhD in Veterinary Medicine. Her research studies and interests lie in surgical disease and regenerative medicine, and aided her in specializing in Sports Medicine and Rehabilitation. She has completed multiple studies evaluating canine adipose derived stem and progenitor cells to treat osteoarthritis. Her surgical interests include management of polytraumatic cases, reconstructive and minimally invasive surgical procedures, and surgical oncology.

Amanda Kreuder, DVM, PhD, DACVIM (LAIM)



Dr. Amanda Kreuder received her BS in Dairy Science in 2004 and DVM in 2008 from Iowa State University. Following graduation, she spent 2 years in private large animal practice in Wisconsin and then returned to ISU to complete a residency in large animal internal medicine in 2014 and a PhD in Veterinary

SDVMA LEADERSHIP

BOARD OF DIRECTORS

President	Michelle Jensen, DVM, Harrisburg, SD
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AVMA Alternate Delegate	Cynthia Franklin, DVM, Yankton, SD

2017—2018 COMMITTEE ASSIGNMENTS

Legislative
*Michelle Jensen
Mark Braunschmidt
Travis White
Tom Rentschler

Finance
*Chanda Nilsson
Michelle Jensen
Mark Braunschmidt

*Chairperson

Membership
*Cynthia Franklin
Chris Chase
Sandra Wahlert
Angela Anderson
Heidi Sorensen
Joe Darrington

Nominating
*Travis White
Christine Teets
Todd Carr

Convention
*Russ Daly
Susan Jones
Jeff Heitmann
Tom Covey
Rebecca Rink
Jacci Fedeler
Gina Neu

ALLIANCE LEADERS

Convener	Shari West-Twitero
Secretary	Darla Wasson
Treasurer	Linda Stangle
Registration co-chairs	Kit Tornberg & Connie McKnight
Veterinary scholarship co-chairs	Marile Straight, Joyce Good, & Mary Kraayenbrink

CONGRATULATIONS



to our 2018 graduates from South Dakota

Dr. Susan Button
Dr. Hannah Ellsworth
Dr. Jenna Harris
Dr. Molly Long
Dr. Jenetta Porter
Dr. Bryant Soulek
Dr. Ashley Wagner
Dr. Lynn Wiederrich
Dr. Nathan Wilen
Dr. Zachary Williams

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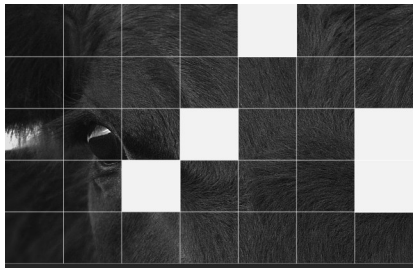
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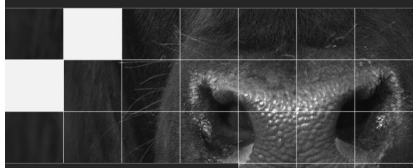


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SPEAKERS

Eric Behlke, BS, MS, PhD, DVM



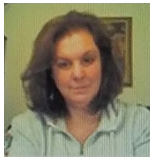
Dr. Eric Behlke was raised on a family farm and ranch near Benkelman, Nebraska. He now lives near Okotoks, Alberta, Canada where he is a partner at Feedlot Health Management Services, and travels across North America providing veterinary and production consultation services to beef feedlots and calf grower operations. Dr. Behlke brings expertise to the Feedlot health team in the areas of animal health management, animal welfare, pathology, animal production, ruminant nutrition, meat science and applied research. Dr. Behlke remains active in organized veterinary medicine by representing District 13 on the American Association of Bovine Practitioners Board of Directors and is also a recent past president of the Western Canadian Association of Bovine Practitioners.

Russ Daly, DVM, MS, DACVPM



Dr. Russ Daly is the Extension Veterinarian and Professor in the Veterinary and Biomedical Sciences Department at South Dakota State University in Brookings, SD, and State Public Health Veterinarian for the South Dakota Department of Health. Dr. Daly practiced for 15 years and was a partner in a mixed-animal veterinary practice in Montrose, SD, before joining the faculty at SDSU. Dr. Daly's responsibilities involve disseminating animal health information, organizing veterinary continuing education, teaching undergraduate and graduate students, and serving as a resource for professionals and citizens regarding animal and public health issues in South Dakota.

Louise Dunn



Louise is a renowned award-winning speaker, writer and consultant. She brings over 40 years of in the trenches experience and her business education to veterinary management. Louise is founder and CEO of Snowgoose Veterinary Management Consulting. SVMC works with veterinarians who want to develop a strategic plan that consistently produces results. Most recently Louise received many awards including the WVC Educator of the Year and VetPartner's The Life Time Achievement Award in January 2016. Besides all aspects of practice management and mentoring, Louise's passions include her husband Joel, Zuri her English mastiff Therapy dog and her little sister Annabelle, kayaking, opera and New England Patriot's football.

Ernetta Fox, MFA, MLS



Ernetta Fox has been Director of Disability Services at the University of South Dakota for 13 years. Prior to becoming Director of Disability Services, Ernetta served as Director of Education and Outreach for the Wegner Health Science Information Center and as Director of Dissemination and Resources at the Sanford School of Medicine Center for Disabilities. Ernetta has a Master of Library

VETERINARY TECHNICIAN PROGRAM

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

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 13th in the Board Room of the Ramkota. 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 $80.00 per sample, which includes the blood draw. Payment must be by check written to SD Department of Health. You may bring samples for yourself or staff in a labeled container (label with: name, DOB, address, phone number and date of blood draw); the fee for testing samples without a blood draw is $50.00.

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.



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 13

8:30—10:00 Alliance Business Meeting and Breakfast—Conference Rm #3

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 13

8:00—9:30 Data-Based Decision Making in Feedlot Medicine and Production;
Common Diseases Affecting Feedlot Animals;
Practical Guide for Performing a Bovine Necropsy;
Sneak-a-Peek into the Future of Feedlot Medicine and Production; *Dr. Eric Behlke*

9:30—10:00 Break—Visit the Exhibits

10:00—12:00 *Dr. Eric Behlke,* continued

12:00 Lunch

1:00—2:45 Overcoming Existence in the Shadows: Addressing Unique Issues Mixed Animal Practices Face;
Rewards & Control: What Really Motivates Employees
Louise Dunn

2:45—3:15 Break—Visit the Exhibits

3:15—5:00 Johne's Disease in Beef Cattle: Current Thoughts on an Emerging Threat
Dr. Amanda Kreuder

Tuesday, August 14

8:00—9:30 Equine Neurology:
Overview of Neurologic Disease in the Horse;
Neurologic Examination; What is New on CVCM and EPM;
Case Medley; *Dr. Yvette Nout-Lomas*

9:30—10:00 Break—Visit the Exhibits

10:00—12:00 *Dr. Yvette Nout-Lomas,* continued

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

2:00—2:30 Ice cream social hosted by SDSU VBSD/ADRDL

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

- Lice Program in a Beef Herd, *Dr. Dale Miskimins*
- Update on Virology: Frequent Findings and Unusual Suspects, *Dr. Diego Diel and Dr. Fernando Bauermann*
- Trends in Calf Diarrhea at the ADRDL, *Dr. Angela Pillatzki*
- Zoonotic Parasites ~~for the Mixed Animal Practitioner~~ for Consideration in Mixed Animal Practice, *Dr. David Knudsen*
- IT Update, *Jon Greseth*
- Vector-borne Mycoplasmas as a Cause of Arthritis in Holstein Heifers, *Dr. Chris Chase*

Wednesday, August 15

8:00—11:00 Antibiotic Resistance and Antibiotic Stewardship in Food Animal Production
Dr. Brian Lubbers

11:00—noon Fostering Antimicrobial Stewardship in Animals
Dr. Mike Murphy

SMALL ANIMAL PROGRAM
Amphitheater I

Monday, August 13

8:00—10:00 Companion Animal Orthopedics:
Regenerative Medicine: What Can We Do? What SHOULD We Do?
Orthopedic Diseases and Therapeutic Laser: What's the Evidence?
Dr. Kristina Kiefer

10:00—10:30 Break—Visit the Exhibits

10:30—12:00 *Dr. Kristina Kiefer,* continued

12:00 Lunch

1:00—2:15 Service Dogs and Emotional Support Animals
Ernetta Fox

2:15—2:45 Ensuring the Health of Animals Used in Healthcare Settings
Dr. Russ Daly

2:45—3:15 Break—Visit the Exhibits

3:15—5:00 Risky Personnel Practices You are Doing Every Day;
How to Avoid the 14 Fatal Errors of Leadership
Louise Dunn

Tuesday, August 14

8:00—10:00 A Morning of Dentistry; Let's Talk Teeth!
Dr. Donnell Hansen

10:00—10:30 Break—Visit the Exhibits

10:30—12:00 *Dr. Donnell Hansen,* 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 Lab

2:30—5:00 Pertinent Updates in Clinical Oncology
Dr. Margaret Musser

Wednesday, August 15

8:00—12:00 Canine Hypoadrenocorticism
Canine Hyperadrenocorticism
Canine Hypothyroidism
Feline Hyperthyroidism
Dr. Jean-Sébastien Palerme