

**126th
Annual Meeting**

**SOUTH DAKOTA
VETERINARY MEDICAL
ASSOCIATION**



August 13-16, 2017

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

MESSAGE FROM OUR PRESIDENT

President's Welcome

Welcome to the 126th 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 37 hours of Continuing Education credits that will be offered, there are great opportunities to enjoy the meeting with your family and reconnect with colleagues. On Sunday, join us for a Steak Fry at Sertoma Park to kick off the meeting. 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 and Dinner is Tuesday evening. Preceding the President's Reception, there will be a New Practitioner Networking Social for our newest practitioners to meet one another and share new practice questions and opportunities.

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.

I look forward to seeing you at the meeting and hope you can join us for any or all of the social opportunities. We appreciate getting your ideas on how SDVMA can better serve your needs and hearing your thoughts on our profession. I look forward to seeing you!

Sincerely,

Travis White, DVM
SDVMA President

REGISTRATION

By mail:

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

On-line:

www.sdvmed.org

MEETING OVERVIEW

Sunday, August 13

- 2:00—5:00 Registration — East Lobby
- 3:00 p.m. SDVMA Board Meeting — Crystal Room
- 6:00 p.m. Steak Fry at Sertoma Park, 4300 S Oxbow Avenue
Sponsored by Elanco and MWI Veterinary Supply

Monday, August 14

- 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 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 15

- 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—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 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. SDVMA Social — Washington Room
- 6:30 p.m. President's Reception & Dinner — Washington Room

Wednesday, August 16

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



MWI Animal Health
AmersourceBergen

800.824.3703 mwianimalhealth.com

Together we can make a difference in your practice.

As we continue to grow, we remain focused on our original purpose: offering exceptional value to veterinarians and their staff who entrust us with their business.

Our mission goes beyond the products we sell and includes values such as honesty, commitment, and doing what is necessary to exceed your expectations.

Your success and trust is our ultimate goal.

800.643.9378 midwestvet.net **midwest** veterinary supply
Family and employee owned since 1961.

**BEFORE YOU SEND
THEM OFF, MAKE SURE
THEY'RE PROTECTED**



Boehringer
Ingelheim

PYRAMID 5
+ PRESPONSE SQ

IOWA STATE UNIVERSITY
Lloyd Veterinary Medical Center

Welcomes
Dr. Meg Musser
Diplomate, ACVIM (Oncology)

August 15, 2017

*Expanded Small Animal
Oncology Offerings*

Small Animal Hospital
(515) 294-4900

Large Animal Hospital
(515) 294-1500

vetmed.iastate.edu/vmc



SDVMA LEADERSHIP

BOARD OF DIRECTORS

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

2016—2017 COMMITTEE ASSIGNMENTS

Legislative

*Travis White
Todd Carr
Kevin Klozenbucher
Michelle Jensen
Tom Rentschler
Christine Teets

Membership

*Cynthia Franklin
Chris Chase
Sandra Wahlert
Chanda Nilsson
Angela Anderson
Heidi Sorensen

Convention

*Russ Daly
Eric Knock
Jared Janke
Susan Jones
Jeff Heitmann
Tom Covey
Rebecca Rink

Finance

*Ethan Andress
Travis White
Michelle Jensen

Nominating

*Christine Teets
Todd Carr
Tom Rentschler

*Chairperson

ALLIANCE LEADERS

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

NEW PRACTITIONER SOCIAL

SDVMA is hosting a special social hour for veterinarians who have practiced for 7 years or less on Tuesday, August 15th beginning at 5:00 p.m. in Conference Room #2. This social hour will provide an opportunity for you to network with practitioners of similar experience and provide feedback to SDVMA on ways the association might help facilitate specific activities or continuing education opportunities of interest to you at this stage in your practice. We hope you can join us for this come and go social hour.

South Dakota State University

Animal Disease Research and Diagnostic Laboratory

605-688-5171

North Campus Drive, Brookings, SD 57007

Fully accredited, all species, full service
animal diagnostic laboratory

<http://sdstate.edu/vs>



SCOUR BOS delivers in ways the competition can't.

Talk about convenient. The Scour Bos® 16-week vaccination window gives you the flexibility to administer at preg-check with confidence, something ScourGuard® or Guardian® can only dream about. For powerful protection at preg-check, there's only one. Scour Bos.



SCOUR BOS®

Vaccination timing is critical — spin the wheel at scourbos.com

Elanco® Scour Bos® and the diagonal bar are trademarks owned or licensed by El Lilly and Company, its subsidiaries or affiliates. Scourbos is a registered trademark of Intervet, Inc. ScourGuard is a registered trademark of Zoetis LLC. ©2016, Elanco Animal Health. MCH 24802-0



SCHOLARSHIP FOUNDATION MEETING

The South Dakota Veterinary Medical Scholarship Foundation will meet at 4:00 p.m. on Monday, August 14 in the Board Room of the Ramkota Hotel and Convention Center in Sioux Falls, SD, 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.

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 14th 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 14

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

Legion I

Monday, August 14

- 8:00—9:30 Field Surgery and Other Procedures
Fluid Therapy
Equine Emergency Triage—Fracture Stabilization and More
Dr. Stephanie Caston
- 9:30—10:00 Break—Visit the Exhibits
- 10:00—12:00 *Dr. Stephanie Caston*, continued
- 12:00 Lunch
- 1:00—2:45 How to Get Out of the Back Forty of Your Mind, Practicing HEARD Health, and Other Lessons from Not One More Vet
Dr. Jason Sweitzer
- 2:45—3:15 Break—Visit the Exhibits
- 3:15—5:00 Water Quality in Livestock Operations
Jesse McCoy

Tuesday, August 15

- 8:00—9:30 Small Ruminant Herd Health
Reproduction, Nutrition, Parasite Control
Dr. David Pugh
- 9:30—10:00 Break—Visit the Exhibits
- 10:00—12:00 *Dr. David Pugh*, 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 SDSU Animal Disease Research and Diagnostic Laboratory Case Presentations
- Viruses Old and New
Dr. David Knudsen
 - Survey Results of Veterinarian Views Regarding Equine Nutrition
Heidi Carroll & Allyssa Parker
 - Unusual Cause of Losses in Cattle Awaiting Slaughter
Drs. Dale Miskimins, Steve Ensley, Tim Sahli, and Russ Daly
 - Recent Trends in Bovine Respiratory Disease
Dr. Angela Pillatzki
 - Pathology of Calf Diarrhea in South Dakota
Dr. Melissa Behr

Wednesday, August 16

- 8:00—12:00 Treatment of Calf Diarrhea: Oral Electrolyte Therapy
Treatment of Calf Diarrhea: IV Fluid Therapy
Treatment of Calf Diarrhea: Ancillary Therapy
Troubleshooting Calf Diarrhea
Dr. Geof Smith

Legion II

8:00—10:00	New Anesthetic Drugs Anesthesia for GDV Dogs Anesthesia for Patients with Heart Murmurs Dangers and Safety in Anesthesia <i>Dr. Jane Quandt</i>
10:00—10:30	Break—Visit the Exhibits
10:30—12:00	<i>Dr. Jane Quandt</i> , continued
12:00	Lunch
1:00—2:45	A Whirlwind Tour of Vector-Borne Disease <i>Dr. Joyce Login</i>
2:45—3:15	Break—Visit the Exhibits
3:15—5:00	Mental Health: Gone to the Dogs, Catty Clients, and Other Lessons from Not One More Vet <i>Dr. Jason Sweitzer</i>

8:00—10:00	Practical Techniques in Canine and Feline Soft Tissue Surgery: GI Surgery Cases Surgical Management of Cystic and Urethral Calculi—Canine <i>Dr. Howard Seim III</i>
10:00—10:30	Break—Visit the Exhibits
10:30—12:00	Intestinal Anastomosis—Tips to Make it Easier Wound Management Secrets <i>Dr. Howard Seim III, continued</i>
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	Surgical Management of GDV Surgical Management of Abdominal Trauma The 4 Ligature Splenectomy Anal Sacculotomy: a Novel Approach <i>Dr. Howard Seim III</i>

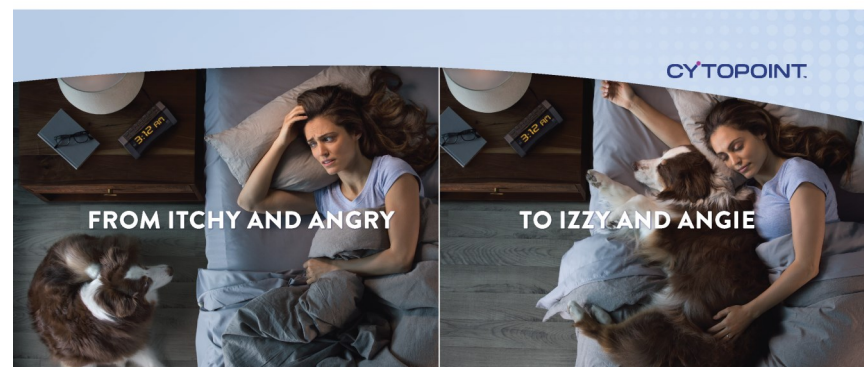
8:00—12:00 Which Supplements Should We Use & Recommend
in Our Practice & Why?
Alphabet Soup—What are All These Diets and Do
We Need Them?
Reading Labels to Help Clients Make Good Food Choices
The Pros and Cons of Feeding Homemade or Raw Diets
Dr. Sarah Abood

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

SDVMA, in conjunction with the South Dakota Department of Health, will offer rabies titer testing from 10 am – 2 pm on Monday, August 14th 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 \$47.50 per sample. Payment must be by check written to SD Public Health Laboratory. 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.



CYTOPOINT™ provides fast, effective relief that helps improve the long-term quality of life for dogs with atopic dermatitis and their families.

INDICATION: CYTOPOINT aids in the reduction of clinical signs associated with atopic dermatitis in dogs.

References: 1. Data on file, Study Report No. C08P0105-02-01R, Zoetis LLC. 2. Gonzalez AJ, Humphrey WP, Balesar JC, et al. Interleukin-30 is a novel pruritic and naturally occurring canine atopic dermatitis. *Vet Dermatol*. 2010;21(4):348-53. doi:10.1111/j.1365-3044.2010.01093.x. 3. Data on file, Study Report No. C08P0105-04-01R, Zoetis LLC. 4. Data on file, Study Report No. C08P0105-05-01R, Zoetis LLC.

Q

TARGETED

Targets and neutralizes interleukin (IL)-31, aitch-inducing cytokine associated with atopic dermatitis

1

WORKS FAST AND LASTS
Begins working within 1 day and delivers
4 to 8 weeks of relief* from the clinical
signs of atopic dermatitis; in-office
administration ensures compliance

1

SAFE
Safe for dogs of all ages,
even those with concomitant
diseases, and can be used with
many common medications.

To learn more, please visit www.CYTOPOINT.com

*Repeat administration every 4 to 8 weeks as needed in the individual patient.[†]

zoetis

SPEAKERS

Sarah K. Abood, DVM, PhD

Dr. Sarah Abood received her Bachelor of Science degree (1984) and Doctor of Veterinary Medicine degree (1988) from Michigan State University. After completing a one-year internship in large animal medicine and surgery at the University of Minnesota, she spent 5 years at The Ohio State University (OSU), working on a PhD and in a clinical nutrition residency with Dr. Tony Buffington. She earned her PhD from OSU in 1997, and from 1994 to 1999, she worked as a nutrition scientist in Research & Technical Communications at the Ralston Purina Company in St. Louis, Missouri.



From October 1999 through June 2016, Dr. Abood was employed at Michigan State University's College of Veterinary Medicine where she served as the Assistant Dean for Student Programs and the small animal clinical nutritionist in the Veterinary Teaching Hospital. Dr. Abood's research and teaching interests include nutrition support for small animal patients, obesity prevention and management, client compliance, veterinary ethics, communication-skill building, leadership skills and professional development. She has co-authored several articles in peer-reviewed journals and runs her own nutritional coaching business, called "Sit, Stay, Speak Nutrition, LLC".

Stephanie S. Caston, DVM, DACVS—LA

Dr. Stephanie Caston is currently an Associate Professor and Section Head, Equine Surgery at Iowa State University. She received her DVM from Texas A&M University and completed an Equine Internship and Surgery Residency at Iowa State University. She is a Diplomate of the American College of Veterinary Surgeons – Large Animal (ACVS). Dr. Caston's research interests are equine neoplasia and CD47, immunotherapy, soft tissue surgery, wound healing, veterinary education and simulator training. She grew up in Southeast Texas and went to McNeese State University for undergraduate work. She competes in three day eventing with her own horses. She also runs a small farm where she and her husband breed sport horses, as well as board and train horses.



Joyce A. Login, DVM

Dr. Joyce Login received her veterinary degree from The Ohio State University and began her career practicing at a small animal hospital in New Jersey. She left private practice to work in the animal health corporate world, and has had the opportunity to work for various animal health companies including Hill's, Novartis and Bayer. In 2010, she joined Zoetis, and is currently the Veterinary Medical Lead supporting parasiticides. She has a special interest in the areas of veterinary communication and vector-borne diseases.



SPEAKERS

Jesse McCoy, DWS—Certified Water Specialist

Jesse McCoy is a native of the Shenandoah Valley in Virginia, and currently resides in Richmond, Virginia. He has a BS degree in Integrated Science and Technology from James Madison University—Dual Concentration in Environmental Science and Industrial Operations and Management. He is also a Certified Water Specialist from Water Quality Association. Initial work came in the environmental, engineering, and government affairs department of a prominent poultry integrator on the East Coast before moving into a consulting role with a water quality group specializing in production agriculture. Jesse worked his way up from a field application position to Director of Research and Development, which included new product validation, and consulting with major agriculture companies on water quality, regulatory affairs, and engineering design. After that Jesse worked for an animal health distribution company as the supervisor of a technical services division developing and implementing practical strategies to improve on-farm water quality, water as a drug delivery tool, and animal hydration.



Currently the Business Unit Specialist for Water Treatment at Neogen Corporation, Jesse develops and implements water treatment chemicals and programs to aid in production animal health in poultry, swine, and ruminants. Jesse assists Neogen's distribution partners in the field and laboratory as well as production managers, veterinarians, and independent producers in setting up cost-effective water programs tailored to their needs. Jesse also presents "technical-yet-practical" water quality opportunities regionally to contract grower groups as part of an integrator's quality improvement program.

David Pugh, DVM

Dr. David Pugh is a Professor in the Department of Pathobiology at the Auburn University College of Veterinary Medicine and serves as Director of their Veterinary Diagnostic Lab System. He earned his DVM and MS in Ruminant Nutrition from the University of Georgia in 1981 and an MA degree in Agricultural Entomology (External Parasites) in 2013. Dr. Pugh is a Diplomate of the American College of Theriogenology (1986), the American College of Veterinary Nutrition (1992), and the American College of Veterinary Microbiology (2012). A part-time farmer, Dr. Pugh has been married 42+ years to Jayne Moor Pugh.



SPEAKERS

Jane Quandt, DVM, MS, DACVAA, DACVECC

Dr. Jane Quandt earned her DVM in 1987 from Iowa State University, completed a residency in anesthesia and earned her Master's degree from the University of Minnesota. She became a Diplomate of the American College of Veterinary Anesthesia and Analgesia in 1993. Dr. Quandt completed a residency in Emergency Critical Care at the University of California Davis and the University of Minnesota, and became board-certified in Veterinary Emergency and Critical Care in 2007. Dr. Quandt is currently an associate professor at the University of Georgia College of Veterinary Medicine.



Howard Seim, DVM, DACVS

Dr. Howard Seim graduated from Washington State University, completed an internship in Saskatoon, Saskatchewan Canada, and a surgical residency at the Animal Medical Center in New York City. He obtained Diplomate status in the American College of Veterinary Surgeons in 1983. He is currently on the surgical staff at Colorado State University. He was recipient of the Merck AGVET Award for Creative Teaching, the CSU Award for Instructional Innovation and selected as the North American Veterinary Conference's Small Animal Speaker of the Year in 2009. Dr. Seim is founder of VideoVet, a Veterinary Surgery Continuing Education video series. www.videovet.org



Geof Smith, DVM, PhD

Dr. Geof Smith received his BS degree in Animal Science from Clemson University in 1994 followed by his MS degree in toxicology from the University of Illinois in 1996. Dr. Smith then graduated with his DVM degree from the University of Illinois in 1998. He stayed at the University of Illinois to complete a 4-year clinical residency in food animal medicine and surgery and received his PhD in physiology in 2002. He is a diplomate of the American College of Veterinary Internal Medicine and is currently a Professor of ruminant medicine at North Carolina State University. His clinical and research interests are focused on the internal medicine of ruminants with a specific interest in calf health.



SPEAKERS

Jason Sweitzer, RVT, DVM

Dr. Jason Sweitzer has worked in veterinary medicine for 18 years from assistant, to RVT, to DVM. He graduated from UC Davis with his BS in Neurobiology, Physiology, and Behavior in 2003 and his DVM in 2009 with focuses on small and exotic animals, behavior, and business management. He is the Intern Director at Conejo Valley Vet Hospital, a 22-vet 24/7 GP and ER hospital in Thousand Oaks, CA. He is also a board member and CFO of Not One More Vet, Inc, and founder of Not One More Vet Student. NOMV, Inc. is a non-profit devoted to mental health and suicide prevention in veterinary medicine including more than 12,000 vets and vet students. He believes laughter is the best medicine and proudly shares his "Dad" jokes.

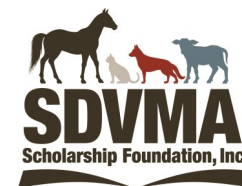


Animal Disease Research & Diagnostic Laboratory Case Presentations from



- Dr. David Knudsen
- Heidi Carroll, SDSU & Allyssa Parker, SDSU
- Dr. Dale Miskimins, SDSU
- Dr. Angela Pillatzki
- Dr. Melissa Behr, SDSU

**Thank You for Supporting
the SDVMA
Scholarship Foundation.**



Your generous donations have allowed us to
give 62 Scholarships since 2002

Your gifts are tax deductible.

THANKS TO OUR EXHIBITORS

Abaxis
Animal Health International
Bayer Animal Health
Boehringer Ingelheim
Christian Veterinary Mission
Companion Animal Health by LiteCure
Dechra Veterinary Products
Diagnostic Imaging Systems, Inc.
Elanco
For-Most Inc.
Henry Schein Animal Health
Hill's Pet Nutrition
IDEXX Laboratories
Iowa State Univ. College of Veterinary Medicine
Merck Animal Health
Midwest Veterinary Supply
Multimin USA
MWI Animal Health
Newport Laboratories
Norbrook Inc.
ReproScan Veterinary Ultrasounds
South Dakota Animal Industry Board
SDSU Diagnostic Laboratory
TechMix
Virbac Animal Health
Zoetis

THANK YOU TO OUR SPONSORS

PLATINUM



GOLD



ROOM RESERVATIONS

ROOM RESERVATIONS AT THE HOTEL

For room reservations, call the Sioux Falls Best Western Plus Ramkota Hotel at 605-336-0650 by **July 20** and mention SD Veterinary Medical Association for convention rates of \$102.99 + tax.