What We Know That Isn’t So

September 14-16, 2017
Omaha • Nebraska
Joint Meeting with the American Association of Small Ruminant Practitioners
Welcome To Omaha
What we know that isn’t so

“It ain’t what you don’t know that gets you into trouble. It’s what you know for sure that just ain’t so.”
– Mark Twain

Omaha, “The Gateway to the West” Welcomes AABP

Omaha is a city filled with unique experiences. Marvel at the world’s largest indoor desert and wander through North America’s largest indoor rainforest, complete with cascading waterfall, at the Henry Doorly Zoo. Be in two states at the same time on one of the longest pedestrian bridges ever constructed, while taking in a breathtaking view of the ever changing skyline. Take a horse-drawn carriage ride through Omaha’s historic Old Market Entertainment District filled with more than 30 locally owned farm-to-fork restaurants, bars and boutiques – all just a few blocks from your hotel.

The 2017 AABP Program Committee invites you to Omaha to participate in one of the most comprehensive scientific programs available on cattle disease and production. Start your week with one or more of 19 preconference seminars. Further tailor your continuing education with AABP’s unique and practical Clinical Forums, which give you opportunities to interact directly with experts in a small group format for in-depth discussion and a hot breakfast, too.

This year’s conference theme, “What We Know that Isn’t So”, will challenge members to examine myths about cattle medicine and management, including addressing diagnostic error, myths and facts of anthelmintic resistance, myths about practice ownership, treatment and nutrition myths, and more! Sessions will provide the very latest continuing education on beef, cow-calf, dairy, feedlot, practice management and general cattle topics.

This year’s keynote speaker will be Mark Graber, MD, who will lead off the 50th AABP Annual Conference with “Addressing Diagnostic Error”, followed by “Medical Error: Knowing (and Herding) the Elephants” by John Gay, DVM.

We look forward to seeing you in Omaha!

Mark Thomas, AABP President
Mike Apley, Program Chair

You can register 24/7 at www.aabp.org or use the forms in this booklet.
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AABP Mission Statement

The AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS is an international association of veterinarians serving society as leaders in cattle health, welfare and productivity.
The 50th Annual Conference of the American Association of Bovine Practitioners

American Association of Bovine Practitioners Committee, Officers & Directors

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Your 2016-2017 AABP Officers and Board of Directors Welcome you to the 50th AABP Annual Conference!

Back Row, L-R: Drs. Tom Massie, Glenn Rogers (Vice President), Jeff Ondrak, Wayne Shewfelt, Joe Hillhouse, John Davidson (Past President), Mike Apley (President-Elect), Carie Telgen, Rodney Chapman, Brian Halteman (Treasurer).

Middle Row, L-R: Drs. Lee Jones, Dale Moore, Hunter Lang, Mark Thomas (President).

Front Row, L-R: Drs. Christine Navarre (Parliamentarian), Vickie Cooper, Gerry Koenig, Eric Behlke, Gary Koester.
How to Register for the Conference

WHAT YOU’LL NEED
Easy, secure online registration is available at www.aabp.org. In addition, this booklet contains complete conference information, including forms you can use to register by email, US Mail, or fax (see center section).

DETERMINING YOUR SCHEDULE
The AABP 2017 Pocket Guide showing locations, times, dates, and special-event reminders will be available when you pick up your Registration Packet in Omaha. It presents at-a-glance hourly preconference and conference sessions and events. The conference calendar is also available on the AABP website (www.aabp.org). You can also find this on the AABP app (page 7).

SPECIAL ASSISTANCE
If, under the American Disabilities Act, you require specific aids or services, contact the AABP office at 1-800-COW-AABP or aabphq@aabp.org. All requests for special assistance must be made no later than August 10, 2017.

CONFERENCE QUESTIONS?
Email the AABP headquarters at aabphq@aabp.org. Or call headquarters in Ashland, Ohio at 419-496-0685, or toll-free at 800-269-2227.

AABP Registration Refund Policy
Refund requests received **before September 1, 2017**, qualify for a 100% refund.

Refund requests received **after September 1 and before September 11** qualify for a 50% refund.

Refund requests received **after September 11** will be reviewed on a case-by-case basis but may not be eligible for a refund.

Travel Information & Reservations

AABP Travel Agency
Travelex International, Inc. in Hoffman Estates, Illinois, is handling travel arrangements for the 2017 AABP Conference. Lisa Gabel is the primary contact, but any staff answering the phone at Travelex International, Inc. will be ready to assist you.

Contact Travelex International, Inc. Call toll-free 800-882-0499 or 847-519-4772. Or make your travel request by email: lisag@travelexbiz.com. You can also fax your request to 847-882-1212. Requests by mail should be directed to Travelex International, Inc., 2061 N. Barrington Road, Hoffman Estates, IL 60169.

Best Airfares. To obtain the best airfares, make reservations early. Travelex International, Inc. will work with you to ensure the best possible flight schedule and rate. Fares are not guaranteed until actually ticketed.

AABP Travel Credits. Travel arrangements made through Travelex International, Inc. earn credits for the AABP. If you book through your own travel agent, please obtain booking instructions.

Why attend this year’s AABP conference?

Expand your Horizon. The AABP conference kicks off with thought-provoking sessions on the realities of bovine practice, and how to adapt to those new realities. Leaders in the field will provide much food for thought.

Build and Enhance Skills and Knowledge. The AABP conference provides an ideal environment to learn from the best. Whether you are a new graduate or experienced practitioner, there are many preconference seminars ranging from the basics to advanced topics and techniques. These seminars can help you remain competitive and move your practice into new areas of value for your clients.

The Clinical Forums provide interactive learning in addressing clinical problems that you face every day. It’s your chance to get answers to tough situations.

Learn about the topics that are impacting the profession. The AABP conference has sessions on diagnostics, treatment and technologies for the practitioner.

Network, Network, Network. The AABP conference brings together outstanding leaders in bovine medicine, all accessible and available for some great networking. It’s an opportunity to reconnect with colleagues and meet new ones. For students, nowhere else will you have a chance to see and hear from the most noted bovine experts and meet fellow students.

Let’s not forget the invaluable networking with our partners in the Exhibit Hall.

Sometimes the best solutions and ideas happen during a break taken in the Exhibit Hall.
Make Your Reservations by August 20 to Guarantee AABP Conference Rates!

The AABP conference hotels offer discounted rates until August 20, 2017. For BEST AVAILABILITY and to guarantee a reduced rate, reserve by phone (844-685-1435) or online 24/7 at www.aabp.org, by August 20, 2017.

Individual attendee reservations can be cancelled up to 72 hours prior to arrival date. Cancellations after that time will result in a one night non-refundable guest room charge/taxes to the attendee’s credit card on file. An early departure fee of one night’s room/tax will be charged to the credit card on file if you depart prior to your scheduled departure date without notifying the hotel at or prior to check in. Request changes and cancellations through the housing bureau until August 23, 2017, or email aabp@visitcharlotte.com. Beginning on August 26, please contact your hotel directly.

Go to aabp.org, click on “Conference” then on “Make Your Hotel Reservations”

The Hilton Omaha is the official headquarters hotel. It is located in the heart of downtown near the Old Market Entertainment District, a few minutes from Eppley Airfield Airport and one block from TD Ameritrade Ballpark. It joins the CenturyLink Convention Center via a sky bridge. The hotel features complimentary airport/downtown shuttle, fitness room, restaurant/bar and well-appointed rooms.

Rates: $169.00-$189.00 Single/Double
Parking: $14.00/day for Self Parking / $20.00 for Valet

THE HILTON OMAHA
1001 Cass Street, Omaha, NE 68102

OMAHA MARRIOTT CAPITAL DISTRICT
222 North 10th Street
Omaha, NE 68102

The new 12-story high-rise Marriott Omaha Downtown at the Capitol District will have a full-service restaurant/bar, a Starbucks® café, an extra-large fitness center and outdoor swimming pool, and attached parking garage.

Rates: $169.00 Single/Double
Parking: $20.00 self parking
$30.00 valet parking

COURTYARD DOWNTOWN OMAHA/OLD MARKET
101 South 10th Street,
Omaha, NE 68102

Located in the vibrant Old Market neighborhood, the Courtyard Downtown offers easy access to the CenturyLink Center, TD Ameritrade Park, the Henry Doorly Zoo and more. The hotel offers The Bistro restaurant/bar, fitness center/pool, and complimentary high speed WiFi in the lounge.

Rates: $144.00 Single/Double
Parking: $8.00/day self parking

HOMEWOOD SUITES
1314 Cuming Street
Omaha, NE 68102

Newly renovated and located across from TD Ameritrade Park, Homewood Suites includes a hot breakfast and evening social, kitchenettes in guest rooms, a fitness center with pool and hot tub, complimentary guestroom WiFi, and downtown area and airport shuttle service. Non-smoking property.

Rates: $139.00-$149.00 Single/Double
Parking: Complimentary self parking
Get Connected
With the AABP APP!

WITH THE APP YOU’LL BE ABLE TO:

- View schedules and announcements.
- View available draft proceedings.
- Add contacts to your phone by scanning a member’s name badge, and their contact information will automatically be added to your phone contacts.
- See which vendors are exhibiting at the conference and where they are located in the Exhibit Hall.
- See if you are a Silent Auction winning bidder and pay for your Silent and Live Auction items on the app.
- Find an Omaha restaurant or attraction, and check the weather!

Apps will be available at least one month prior to the meeting in the Google Play and Apple’s App Store. Search for AABP in the appropriate stores.

SPECIAL LEAD RETRIEVAL APP FOR VENDORS
In addition to the features listed above, this app will enable AABP vendors/exhibitors to scan a member’s QR codes on name badges to retrieve contact information for sales lead retrieval.
REGISTER NOW! – Limited Enrollment

Sign up early for these limited-enrollment seminars because many quickly reach their maximum capacity. Seminars without adequate registrants are subject to cancellation by August 1, 2017, to facilitate your making alternate travel plans, if necessary. Register online at www.aabp.org or use the form at the center of this booklet. Fees must be paid in US dollars drawn on a US bank.

Find out more at aabp.org/meeting/preconference.asp

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**#1 Quality Milk Production: The Milking Center, Mastitis and Antibiotics**

This seminar will prepare dairy veterinarians to assist their clients with producing quality milk through proper machine function, and responding to market pressures for antibiotic use stewardship. Recent treatment approaches for efficient use of antimicrobials in clinical cases of mastitis and also at dry-off will be discussed in this seminar.

Day one will include lecture topics and case studies on monitoring the milking center – people and machines – to prepare for day two. On day two Roger Thomson’s mobile dairy parlor will be used for guided hands-on instruction of evaluating machine function including the full NMC evaluation.

**Fee:** $575  
**Level:** Intermediate  
**Date/Time:** Monday, September 11  
8:00 am – 5:00 pm  
Tuesday, September 12  
8:00 am – 5:00 pm  
**Coordinator:** Daryl Nydam  
**Faculty:** Paul Virkler, Roger Thomson, Rick Watters  
**Computers:** No  
**Limit:** 30

**#2 Basic Applied Dairy Nutrition**

This seminar will prepare the practicing dairy veterinarian to assist clients in applied dairy nutrition. This includes understanding dairy nutrients, identifying nutrient imbalances, evaluating dairy feeding systems, interpreting feed ingredient test results, and optimizing nutritional management for transition dairy cows.

This two-day seminar is for veterinarians who want to acquire the skills needed to evaluate and help solve nutritional management problems on dairy farms. The fast-moving and comprehensive seminar includes short reviews of basic nutritional principles blended with applied topics and current recommendations. Specific areas covered include managing dry matter intake, carbohydrate feeding, energy nutrition, protein feeding, fat feeding, mineral nutrition, vitamin nutrition, by-product feeds, feed additives, feeding systems, feedbunk management, feeding for milk components, managing transition cows and preventing metabolic diseases. Feed ingredient evaluation (pH, forage particle length, and grain particle size) are presented in a wet lab format.

**Fee:** $475  
**Level:** Basic  
**Date/Time:** Sunday, September 10  
8:00 am - 5:00 pm  
Monday, September 11  
8:00 am - 5:00 pm  
**Coordinator:** Gary Oetzel  
**Faculty:** Mike Hutjens, Larry Chase  
**Computers:** Yes  
**Limit:** 30

**#3 The Replacement Heifer, from Birth to Pre-Calving**

The management and nutrition of the dairy replacement heifer must be optimized in order to have the heifer reach the ideal size and body condition for calving at the earliest possible date, without interfering with the calving process, milk production or productive life of the animal.

It is important to understand neonatal immunology and how to develop a vaccination protocol that is effective during the development and matura-tion of the newborn calf, together with protecting the heifer from disease during and after pregnancy. Recent developments in the field of nutrition have allowed us to formulate rations which allow the heifer to reach its maximum growth potential without interfering with productivity.

This two-day seminar is divided into three parts:

**Part 1: Birth to Weaning (Tuesday)**  
- Part 1 will cover colostrum management and its effect on biosecurity, as well as maintaining quality during pasteurization. The pasteurization of waste milk and its nutritional contribution to maximizing heifer growth will be reviewed. Immunology of the neonatal calf, vaccination programs for replacement heifers from birth to weaning, prevention/treatment/control of neonatal disease, troubleshooting disease outbreaks and the care of the neonatal calf to minimize stillbirths and early deaths will be discussed, along with controlling *Mycoplasma* outbreaks in calf-rearing facilities.

**Part 2: Nutrition/Ration Formulation (optional - Tuesday evening)**  
- Nutritional management of the dairy heifer including ration formulation will be covered. Recent research supporting accelerated growth, in addition to implementation of these programs from birth to calving, will be discussed along with actual herd results.

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The 50th Annual Conference of the American Association of Bovine Practitioners
### Part 3: Weaning to Pre-Calving (Wednesday) – Topics covered will be management of the weaned dairy heifer including nutrition, new information on accelerated growth programs, vaccination protocols, disease prevention, control and treatment, biosecurity and the economics of raising dairy heifers. Maximizing reproductive efficiency and the economics of using sexed semen in heifers will be covered.

**Fee:** $500  
**Level:** Basic  
**Date/Time:** Tuesday, September 12  
8:00 am - 10:00 pm  
Wednesday, September 13  
8:00 am - 5:00 pm  
**Coordinator:** Robert Corbett  
**Faculty:** Chris Chase, Sandra Godden, Geoffrey Smith, Mike Overton  
**Computers:** No  
**Limit:** 30

### #4 Feedlot Nutrition and Management

Feedlot nutrition and management is a discipline and skillset not covered adequately in the veterinary curriculum. In addition, with greater accountability in the use of medicated feed articles, the practicing veterinarian will become an integral part of the feedlot management team.

This seminar will provide in-depth education for practicing veterinarians on feedlot nutrition and management, focusing primarily on the Midwest cattle feeding industry, but with applications throughout the U.S. Information will be presented on the potpourri of feed resources available to the feeding industry and how they can be utilized. Diet formulation for both receiving, backgrounding and finishing rations will be discussed as well as bunk management, bunk space, pen size, group size and the different feedlot facilities that are currently utilized. Also covered will be a discussion of implant strategies, growth promotion technology and select medicated feed additives. Be prepared to interact and learn in this seminar that will be presented in a lecture format plus hands-on problem solving/formulation.

**Fee:** $300  
**Level:** Basic  
**Date/Time:** Tuesday, September 12  
8:00 am - 5:00 pm  
Wednesday, September 13  
8:00 am - 5:00 pm  
**Coordinator:** Robert Corbett  
**Faculty:** Chris Chase, Sandra Godden, Geoffrey Smith, Mike Overton  
**Computers:** No  
**Limit:** 30

### #5 The Veterinarian’s Involvement in the Dairy Fresh Pen

This seminar will prepare veterinarians to assume an active role with large dairy clients in fresh cow health management. Topics include disease diagnosis and treatment protocols, health recording systems, updates on key fresh cow diseases and tools for monitoring the health and overall performance of fresh dairy cows. A substantial amount of time will be devoted to small-group discussions.

The goal of the optional Tuesday evening session is to build basic skills of data management using Excel to create actionable knowledge from data to bring value to your clients. This session will cover spreadsheet data organization, basic Excel functions, and the use of pivot tables to efficiently summarize large amounts of data.

**Fee:** $475  
**Level:** Basic  
**Date/Time:** Tuesday, September 12  
8:00 am - 5:00 pm  
Wednesday, September 13  
6:00 – 9:00 pm  
**Coordinator:** Jerry Stokka  
**Faculty:** Robbi Pritchard, Erik Loe  
**Computers:** Yes  
**Limit:** 30

### #6 Amazing Grazing

Nutrition-related costs continue to be the largest expense associated with both beef and dairy cattle operations. In many situations, producers who are able to maximize grazing opportunities have the most economically viable businesses. Generally, veterinarians are not trained to help producers capitalize on this opportunity.

This seminar will provide an overview of plant growth, review of grazing management, and how these interactions impact animal health and productivity. Faculty with experience working with a variety of forages will review plant growth physiology and how this relates to dairy and beef cattle grazing decisions. Additionally, participants will learn to evaluate forage quality and how to use this for basic nutritional management in pasture-based systems.

Presenters for the seminar will provide practical application across a wide range of geographical locations and plant varieties. Discussion will focus on cow-calf, stocker and dairy cattle operations and some of the unique challenges for each type of operation.

**Fee:** $275  
**Level:** Intermediate  
**Date/Time:** Wednesday, September 14  
8:00 am - 5:00 pm  
**Coordinator:** Jerry Stokka  
**Faculty:** Robbi Pritchard, Erik Loe  
**Computers:** Yes  
**Limit:** 30

### #7 What’s App Doc? Using Apps and iPad Improve Communication, Provide Valuable Information and Build Your Consulting Dairy Practice

This seminar will instruct veterinarians on how to use the iPad to communicate using Apple’s Numbers spreadsheet. Participants must bring an iPad equipped with Numbers. Participants...
will learn how to make and use over a dozen practical Numbers spreadsheets. Example spreadsheets will be provided, including a necropsy report, parlor data collection report, scoring form, invoice, reproductive visit report, health scorecard, farm visit report and more. Participants will create their own spreadsheets in class to take home and use.

During the afternoon session, instructors from The Dairyland Initiative will demonstrate their latest apps and talk about the available resources on the Dairyland Initiative website to improve your consultation services on dairy farms.

Fee: $300  
Level: Basic  
Date/Time: Wednesday, September 13  
8:00 am - 5:00 pm  
Coordinator: Jim Bennett  
Faculty: Brandon Blakemore, Courtney Halbach, Tom Bennett  
Computers: An iPad equipped with Numbers  
Limit: 30

#8 Rumen and Gut Health Forum
This forum will provide a platform to present and discuss current research and opinions from the fundamental aspects of defining and measuring the normal and healthy rumen and gut, to the complex and interactive roles of the rumen, intestinal microbiota, intestinal epithelium, immune cells and nutritional concepts in animal production.

Merging veterinary and nutritional science, this forum will have a focus on practical application of the latest concepts in rumen and gut health. Participants will get a good basic knowledge and understanding of the normal healthy rumen and digestive tract, what things (particularly nutritional) impact normal rumen and digestive tract health and immunity, and what effects these factors have on anatomy and function. Also covered will be how an abnormal rumen and digestive tract impact overall animal health, what tools we currently use to monitor gut health and their practicality and effectiveness, and how we can formulate, mix, deliver and manage diets to positively impact rumen and digestive tract health.

This session will offer an opportunity to engage in both scientific and practical discussions and exchange opinions with colleagues, university and industry experts.

Fee: $300  
Level: Basic  
Date/Time: Wednesday, September 13  
8:00 am – 5:00 pm  
Coordinator: King Hickman  
Faculty: Lance Baumgard, J.C. Plaizier, John Goeser  
Computers: Yes  
Limit: 30

#9 Strategic Stockmanship for Beef Cattle
This seminar will provide participants with the basic understanding of how to strategically implement cattle handling principles to improve the health and welfare of beef cattle. This course will include didactic lectures and live animal handling to provide participants with the necessary tools needed to implement strategic stockmanship in beef cattle practice.

The program will be held offsite in Mead, Neb., in order to allow for live animal interactive sessions.

Transportation and lunch will be provided from the conference center to the course location.

Fee: $325  
Level: Basic  
Date/Time: Tuesday, September 12  
7:00 am - 5:00 pm  
Coordinator: Grant Dewell  
Faculty: Tom Noffsinger, Ron Gill  
Computers: No  
Limit: 30

#10 Thoracic Ultrasound and Pre-mortem Diagnostics in Outbreak Investigation
This hands-on course will train practitioners on the process of outbreak investigation using deep nasal pharyngeal swabs, thoracic ultrasound and other pre-mortem technologies for BRD and sick cow/calf evaluation. Also emphasized will be DNPS and luminometers to assist in the data collection phase.

A key objective will be to generate accurate case definitions and outcomes. The didactic portion will cover the important steps and lessons to be learned from lung ultrasonography sanitation audits and DNPS.
#11 **Edwin Robertson**
**Advanced Embryo Transfer**

This seminar will provide bovine embryo transfer practitioners with the latest in research and recent developments in the embryo transfer industry in a one-day lecture and discussion format. Our discussion of how embryo transfer practitioners might fit into the growing field of in vitro embryo production and transfer will continue in this advanced seminar. In addition, recent developments in superovulation and estrus synchronization, especially as applied to in vitro embryo production and transfer, will be covered.

Reuben Mapletoft and Alvaro Garcia Guerra will discuss superovulation for embryo collection and transfer and superstimulation for OPU, and Garcia Guerra will present the results of a large study conducted at the University of Wisconsin looking at recipient synchronization and utilization, and the efficacy of approaches for increasing pregnancy rates following transfer of in vitro-produced embryos.

A featured session will deal with the practitioner’s role in providing services relating to the in vitro production of bovine embryos. Brad Lindsey will provide an update on in vitro embryo production and how his practice has evolved to include in vitro procedures.

Larry Lanzon will describe how he became involved with OPU and in vitro embryo production and how his practice has evolved over the past few years. Finally, Kevin Lindell will describe how he became involved with OPU and how this has resulted in changes in Tufts Ambulatory Service. All will discuss issues to consider in the collection of oocytes, production and the transfer of in vitro-produced embryos and the various factors that affect outcomes. These speakers will be followed by a discussion of where the in vitro production of bovine embryos fits in embryo transfer practice. The day will conclude with one hour devoted to questions, answers and group discussion.

**Fee:** $375  
**Level:** Intermediate  
**Date/Time:** Wednesday, September 13  
8:00 am - 6:00 pm  
**Coordinator:** Reuben Mapletoft  
**Faculty:** Alvaro Garcia Guerra, Larry Lanzon, Brad Lindsey, Kevin Lindell  
**Computers:** No  
**Limit:** 30

#12 **Cattle On-Farm Welfare**

This session will provide a working knowledge of animal welfare that enables practitioners to truly integrate animal welfare into the context of livestock production practice. It will stress the common sense of the interrelationships of welfare, health and production and the opportunities for veterinary interaction with clients to develop protocols, train employees and work with farm management to improve and maintain welfare.

Opportunities and challenges for both small and large dairies, as well as calf ranches and beef operations, will be explored in addition to a discussion about animal cruelty investigations. Participants should leave this seminar familiar with how to assess the welfare of animals on their client’s farms and provide sound, practical advice to ensure the animals are managed well and the farms stay current regarding welfare practices. The morning session will include a review of welfare principles, ethics and welfare, cattle behavior and basic assessment of welfare on farms. The afternoon session will include beef welfare (cow-calf and feedlot) and pain management.

As an applied exercise, participants will create protocols for welfare issues for their practices.

**Fee:** $225  
**Level:** Basic  
**Date/Time:** Wednesday, September 13  
8:00 am - 5:00 pm  
**Coordinator:** Jim Reynolds  
**Faculty:** Jan Shearer, Paul Plummer, Dave Sjeklocha  
**Computers:** No  
**Limit:** 30

#13 **Dairy Cattle Lameness: A Lesion-oriented Life Cycle Approach to Managing Hoof Health in Dairy Herds**

Lameness impacts one-third of the cows in the nation’s dairy herd. Veterinarians have an enormous opportunity to impact a condition that impacts the ability of our dairy cows to eat, rest, milk, breed and remain in the herd. This seminar will provide you with the tools and skills to significantly improve lameness rates and enhance well-being, and will help you take an active role in your client’s hoof health programs. The dynamic duo of instructors will show you how to assess herd level lameness and use trimming records to identify problems. We will give you the confidence to work alongside trimmers and fine-tune trimming techniques.

Control of infectious hoof diseases will be extensively reviewed, with reference to heifer management, treatment protocol assessment and development, and footbath design and management. New concepts on the pathogenesis of claw horn disruption will be taught coupled with a
systematic approach to preventing white line lesions and sole ulcers, through improved flooring, stall comfort, analysis of time budgets, and better heat abatement.

The sessions will be extremely interactive and based on participants working through a herd-level case in small groups. A combination of short lectures and discussions will be used to help you work through the case and prepare you to start using your knowledge the following week. Come prepared to learn and discuss how to help your clients prevent and manage lameness in their herds.

**Fee:** $350
**Level:** Basic
**Date/Time:** Tuesday, September 12 8:00 am - 5:00 pm
Wednesday, September 13 8:00 am - 5:00 pm
**Coordinator:** Gerard Cramer
**Faculty:** Nigel Cook
**Computers:** No
**Limit:** 30

### #14 Dairy Culling Decisions

This seminar will provide dairy practitioners with information and tools to improve the culling decision-making process on their clients’ dairies. It will use didactic, discussion and case-based formats to present the economics of culling decisions for dairy operations, and will address culling strategies for both replacement heifers and lactating cows.

Discussions will also include the economic impact of disease, the economic impact of changes in herd turnover, and the data necessary to make accurate decisions on the individual and group level (keep or sell, continue breeding, raise for replacement). DairyComp 305 software will be used to illustrate concepts and demonstrate how they can be applied to improve herd performance.

**Fee:** $375
**Level:** Intermediate
**Date/Time:** Tuesday, September 12 8:00 am – 5:00 pm
Wednesday, September 13 8:00 am - 5:00 pm
**Coordinator:** Emmanuel Rollin
**Faculty:** Michael Overton, Kevin Dhuyvetter, Craig McConnel
**Computers:** Yes
**Limit:** 30

### #15 Food Armor® Phase I Training: HACCP for Proper Drug Use

This seminar will provide all of the necessary training for veterinarians to implement Hazard Analysis and Critical Control Point (HACCP) plans for proper drug use and food safety on dairy farms.

In 2009, the Wisconsin Veterinary Medical Association (WVMA) created the WVMA Residue Task Force, a group of veterinarians focused on developing a non-regulatory solution to dairy beef residue problems. The WVMA has trained veterinarians and producers how to implement HACCP plans for proper drug use on dairy farms.

This innovative approach involves the development of a customized six-section plan for each farm. The goal is to identify hazards related to drugs and food safety on the farm and then establish critical control points to minimize or eliminate those hazards.

Farms voluntarily participate in the Food Armor® certification program to minimize drug risks and may earn certification status when they can demonstrate full implementation and maintenance of this HACCP plan. The only individuals who may grant Food Armor certification status to farms are Food Armor-accredited veterinarians, those who have completed training provided by the WVMA Food Armor Committee.

Only veterinarians have the training and expertise to help farms effectively manage on-farm drug use, and the Food Armor Committee chose to limit delegation of farm certification status in order to maintain program integrity. Gaining accredited veterinarian status will empower veterinarians to work with farms to minimize drug risks, implement treatment protocols, and improve record-keeping.

This seminar completes the first half of the coursework (Phase I) required for veterinarians to earn Food Armor accreditation status.
PRECONFERENCE SEMINARS

It will focus on training veterinarians to manage on-farm drug risks by implementing customized HACCP plans for proper drug use and food safety. Through presentations and group discussions, veterinarians will be trained to use the extensive tools and templates developed by the Food Armor Committee. An emphasis on practical solutions for these challenging issues will be included throughout. Veterinarians will be equipped with the skills and knowledge to immediately begin working with dairy farms to minimize drug risks and implement HACCP plans for proper drug use.

Fee: $250
Level: Basic
Date/Time: Tuesday, September 13 8:00 am - 9:00 pm
Coordinator: Jonathan Garber
Faculty: Katie Mrdutt, Glen Johnson
Limit: 30
Computers: No

#16 Food Armor® Phase II Training: Earning Accredited Veterinarian Status

This seminar completes the necessary training for veterinarians to earn Food Armor® accredited veterinarian status so they may work with dairy farms that are seeking to earn Food Armor certification status. At the conclusion of the seminar, veterinarians will be equipped with the skills and knowledge to immediately begin working with dairy farms seeking to earn Food Armor certification.

This seminar completes the second half of the coursework (Phase II) required for veterinarians to earn Food Armor accreditation status. Veterinarians must complete Food Armor Phase I training prior to beginning this seminar. Contact the WVMA (mrdutt@wvma.org) if you are unclear of your Food Armor training status. See Seminar 15 for a description of Phase I and the Food Armor program.

Fee: $250
Level: Intermediate
Date/Time: Wednesday, September 13 8:00 am - 5:00 pm
Coordinator: Jonathan Garber
Faculty: Katie Mrdutt, Glen Johnson
Limit: 30
Computers: No

#17 Lameness and Surgery (Foot and Urogenital) of the Bull

This seminar will increase the ability and confidence of participants in the management of the myriad of injuries and conditions that impact bull soundness. Diagnosis and medical/surgical management of conditions that affect the soundness of bulls will be discussed. Lecture material will cover, but is not limited to, injuries that impact locomotor or reproductive function.

Fee: $275
Level: Intermediate
Date/Time: Wednesday, September 13 8:00 am - 5:00 pm
Coordinator: Richard Hopper
Faculty: Gary Warner
Computers: No
Limit: 30

#18 Why is Change so Hard? Communication Skills to Optimize Producer Adherence to Veterinary Recommendations

Our goal is to use evidence-based communication skills and training and apply it to the specific needs of bovine practitioners.

There are three types of communication skills (content, process, and perceptual) that should be considered when it comes to understanding communication. Content skills encompass what we say, process skills are how we communicate and perceptual skills include our attitudes, biases, assumptions, intentions, and capacities. The interplay of content, process, and perceptual skills forms the foundation for how we communicate with clients, how we reason through problems, and how we build a working relationship. Carefully cultivating how we use these skills will enhance our relationships with clients, thereby increasing the likelihood that we can influence their behavior to the benefit of our patients and society.

Clinicians, clients, and patients benefit from the use of evidence-based clinical communication skills; assuring accurate, efficient, and effective transfer of information in a supportive way. As clients enhance their expectations of bovine practitioners, it behooves us to continue to work to enhance our clinical skills, including communication.

This workshop will provide the opportunity to work with peers and trained colleagues to enhance your communication toolkit, and will have cases developed specifically with current concerns of producers and their veterinarians.

The goals of this workshop are to:
- Raise awareness among participants of the value and importance of effective communication on client adherence to veterinary medical recommendations, patient outcomes and professional satisfaction.
• Develop and refine communication strategies that are evidence-based using the Calgary-Cambridge Guides, specifically targeted to the unique challenges and opportunities of bovine practitioners.

• Begin to develop a network of individuals with an interest in using communication as a tool to leverage change and enhance the work, potential income, and job satisfaction of bovine practitioners.

Fee: $875  
Level: Basic  
Date/Time: Monday, September 11 8:00 am - 5:00 pm  
Tuesday, September 12 8:00 am - 5:00 pm

Coordinator: Janet Helms  
Faculty: Julie Cary, Rachel Jensen, Mike Wedam, Daniel Haley  
Computers: No  
Limit: 18

#19 Practical Solutions for the Most Common Human Resources Headaches

This all-day interactive human resources workshop will define best practices and help you find practical solutions to everyday human resources (HR) challenges in your practice. Our format consists of four 90-minute sessions. Each session begins with lecture followed by interactive time at your table building on the concepts presented in the lecture, and sharing pearls of wisdom with other participants and developing real solutions for real problems that participants have shared.

We will teach you how to audit your practice to make sure you have all the right HR pieces in place. Then we will dig a little deeper into topics like recruiting, scheduling, onboarding, training, employee engagement, performance management and discipline.

Guess what? Solutions may vary depending on how old the person is standing in front of you. Training a Millennial is nothing like training a Baby Boomer! This workshop is no fluff, some theory and a lot of practical nuts and bolts you can take home and put to use!

Fee: $250  
Level: Basic  
Date/Time: Wednesday, September 13 8:00 am - 5:00 pm

Coordinator: David Welch  
Faculty: Kurt Oster  
Computers: No  
Limit: 30
### Wednesday

#### Wednesday Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>AABP Board of Directors</td>
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<tr>
<td>1:30 pm</td>
<td>Omaha Culinary Tour <em>(fee required)</em>, page 30</td>
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</tbody>
</table>
| 6:00 – 9:00 pm | AABP Welcome Reception  
Sponsored by Boehringer Ingelheim |

#### AABP Committee Meetings

**Thursday, September 14, 9:00 – 10:30 am**

AABP members are welcome to join in on the discussions at a variety of AABP committee meetings. You can participate in informal discussions on current topics and issues facing bovine veterinarians with committee and fellow AABP members.

- Amstutz Scholarship
- Animal Welfare
- Beef Health Management
- Biological Risk Management and Preparedness
- Lameness
- Membership
- Milk Quality and Udder Health
- Nutrition
- Pharmaceutical & Biologic Issues
- Reproduction
- Student Activities & Membership
- Veterinary Practice Sustainability

### Thursday

#### Thursday Scientific Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 – 9:00 am</td>
<td>Clinical Forums 1 <em>(fee required)</em>, page 22</td>
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<tr>
<td>8:00 – 10:00 am</td>
<td>Small Ruminants, page 22</td>
</tr>
<tr>
<td>10:30 – 12:00 pm</td>
<td>General Session, Keynote Address, page 22</td>
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</tbody>
</table>
| 1:30 – 5:30 pm | General Session, page 22  
NMPF FARM/BQA, page 22  
Research Summaries, page 23  
Student Case Competition, page 23  
Practice Management Myths, page 24 |

#### Other Thursday Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 6:30 am    | Committee Chairpersons Breakfast  
Come Join Us for Breakfast! *Modern Day Dairy Management with Genomic Wellness Traits* *(no charge but must register)*, page 27, Sponsored by Zoetis |
| 8:00 am    | Exhibit Hall Opens  
Auction Items on Display, Exhibit Hall  
Hospitality Room *(for registered Accompanying Persons, select hours)*, page 26 |
| 8:50 am    | Omaha Bus Tour with Lunch *(fee required)*, page 30                    |
| 9:00 am    | AABP Committee Meetings                                                |
| 12:00 pm   | Lunch in the Exhibit Hall *(use your Bovine Bucks)*  
ABVP Diplomate Luncheon |
| 12:15 pm   | CABV-ACVB 10th Annual General Meeting, page 28                         |
| 5:30 pm    | Wine & Cheese Reception, page 23, Sponsored by AABP & Phileo Lesaffre |
| 9:00 pm – Midnight | Student Reception at Old Chicago Pizza & Taproom, Sponsored by Elanco |
### FRIDAY

#### FRIDAY SCIENTIFIC SESSIONS

8:00 – 12:15 pm:
- General Session, page 24
- Practice Management Myths, page 24
- Small Ruminants, page 24
- Research Summaries, page 24

1:45 – 6:00 pm:
- Beef Session, page 24
- Dairy Session, page 24
- Research Summaries, page 24

1:45 – 3:30 pm: Small Ruminants, page 25

4:15 – 6:00 pm: AASRP Research Summaries, page 25

#### OTHER FRIDAY EVENTS

6:00 am: Food Animal Educators/Faculty Reps/ Ext Vet Breakfast

6:30 am: Breakfast with a Bovine Twist – The Future of Safe and Responsible Beef and Dairy Production (no charge but must register), page 28, Sponsored by Diamond V

7:00 am: Board of Directors

8:00 am:
- Exhibit Hall Opens
- Auction Items on Display in Exhibit Hall

9:00 am: Omaha Henry Doorly Zoo (fee required), page 31

12:15 pm:
- Lunch in the Exhibit Hall (use your Bovine Bucks)
- ABVP Certification Workshop
- Quiz Bowl Finals in the Exhibit Hall Sponsored by Elanco
- Meet the Poster Presenters

6:00 pm: 8th Annual Scholarships, Live Auction Dinner, Sponsored by Zoetis, page 21

7:00 pm: 10th Annual Job Fair, page 18

### SATURDAY

#### SATURDAY SCIENTIFIC SESSIONS

7:00 – 9:00 am: Clinical Forums 2 (fee required), page 25

8:00 – 11:30 am:
- Beef Session, page 25
- Dairy Session, page 25
- Research Summaries, page 25

9:00 – 11:30 am: Students/New Graduates, page 26

2:30 – 4:45 pm: Students/New Graduates, page 26

2:45 – 4:45 pm:
- Beef Session, page 26
- Dairy Session, page 26

5:00 – 6:00 pm: Practice Tips, page 19, 26

#### OTHER SATURDAY EVENTS

6:30 am: Christian Veterinary Mission Breakfast

7:30 am: 5k Stampede Fun Run, page 29, Sponsored by Boehringer Ingelheim

8:50 am: Lauritzen Gardens Tour (fee required), page 31

11:30 am: AABP Annual Business Meeting and Awards Luncheon

6:00 pm: Taste the Best of the Midwest, Sponsored by Merck Animal Health (no charge but must register), page 29

### REGISTRATION HOURS

Omaha CenturyLink Center

Tuesday, September 12, 7:30 am - 5:30 pm
Wednesday, September 13, 7:30 am - 5:30 pm
Thursday, September 14, 7:00 am - 5:30 pm
Friday, September 15, 7:00 am - 5:30 pm
Saturday, September 16, 7:30 am - 5:00 pm
**BUY LUNCH IN EXHIBIT HALL USING YOUR “BOVINE BUCKS”**

Thursday 12:00 - 1:30 pm  
Friday 12:15 - 1:45 pm

All AABP registrants will receive in their registration packet a “Bovine Buck” generously provided by AABP. It is a lunch discount on Thursday and Friday. Use your lunch voucher to purchase your meal in the Exhibit Hall.

"Bucks" are yours courtesy of AABP

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**10th Annual AABP JOB FAIR**

Friday, September 15  
7:00 - 9:00 pm

Students plus food animal and mixed animal practitioners can meet and discuss future study and working relationships at AABP’s 10th Annual Job Fair.

The fair is an ideal opportunity for veterinary students with food animal interests to learn about externships, internships and job prospects. Food animal/mixed animal practitioners can promote their practices and meet/recruit bright and talented students and/or veterinarians seeking new jobs. It’s a win/win for everyone!

Sign Up to Participate When You Register Or Contact the AABP Office (aabphq@aabp.org) or Dr. Allen Hodapp, (hodappallen@gmail.com) for more information.

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**YES YOU CAN!**

Myths of Practice Ownership

Many veterinarians, especially recent graduates, don’t believe they are able to enter into partnerships or purchase a practice until many years down the road. NOT TRUE!

On Thursday and Friday in the Veterinary Practice Sustainability sessions, a host of experts will guide you through different situations to help your practice ownership and management goals come true.

See page 24 for the schedule.

**Topics include:**
- Recent grads buying a practice
- Selling your practice
- Practice ownership despite debt
- Utilizing value propositions
- Working through generational differences
- And more!
Hang Around For Some Great Tips!

Tips & Treatment for Cattle Practice
Saturday, September 16, 2017 • Moderator: Dan Goehl

5:00 – 5:10 pm
Making the Most of Diagnostic Submissions
Drew Magstadt

5:10 – 5:20 pm
Getting the Answers to Questions You’re Not Allowed to Ask but Need to Know
Arn Anderson

5:20 – 5:30 pm
Equipment Modification to Suit Your Needs
Pat Comyn

5:30 – 5:40 pm
Chuteside Data Collection
John Bolinger

5:40 – 5:50 pm
What’s in Dee Griffin’s Necropsy Box and Why
Dee Griffin

5:50 – 6:00 pm
Alternative Possibilities for Euthanasia
Reneé Dewell
The AABP Foundation supports advancements in the well-being and productivity of cattle through applied clinical research and scholarship programs that benefit present and future cattle practitioners, producers and the public.

**FOUNDATION COMPETITIVE RESEARCH GRANTS**

One critical function of the AABP Foundation is the financial support of clinically relevant research in bovine medicine that practitioners can immediately apply, but research that may not have another avenue of funding. Graduate veterinarians can submit their research projects in the annual AABP Foundation Competitive Grant competition.

**2017 FOUNDATION COMPETITIVE RESEARCH GRANT RECIPIENTS**

- Comparison of analgesics for control of lameness-associated pain in lactating dairy cattle, Dr. Pat Gorden, Iowa State University
- Comparison of group versus individual calf rearing for a summary measure of health, Dr. Craig McConnel, Washington State University

You can donate on your registration form (in print or online), at the AABP booth in the Exhibit Hall, or the AABP registration desk at the Annual Conference, or by calling AABP at 419-496-0685.

The Foundation depends on member support to continue providing scholarship and research grant funds that benefit future and current leaders as well as the bovine veterinary profession.

**Thanks for your support!**

Find out more about the AABP Foundation at [http://foundation.aabp.org/](http://foundation.aabp.org/)
8th Annual Amstutz Scholarship Auction & Dinner

Friday, September 15, 6:00 - 9:00 pm
Location: Omaha CenturyLink Center

Two Days, Two Ways!
All proceeds from the Silent and Live Auctions benefit the AABP Amstutz Scholarship Fund.

#1 SILENT AUCTION
Check out item descriptions and pictures and keep up your bidding in the Exhibit Hall from Thursday, September 14, at 8:00 am until 4:00 pm on Friday, September 15. Terrific auction items include veterinary products, time at vacation homes, clothes, art, tools and much more!

#2 LIVE AUCTION
Eat well and bid often at the Friday Night Dinner and Scholarship Auction from 6:00 to 9:00 pm. Successful bidders need to complete their purchases immediately after the auction.

Payment can be made by cash, check, credit card (American Express, MasterCard, or Visa), or on the AABP app. Items will be shipped to the winning bidder by the item donor. Please make arrangements after the meeting.
**THURSDAY, SEPTEMBER 14**

**THURSDAY MORNING**

6:30-7:45 am  
Come Join Us for Breakfast  
*Modern Day Dairy Management with Genomic Wellness Traits*  
(sponsored by Zoetis)

**Clinical Forums 1***  
(fee required, see page C3)

7:00 – 9:00 am
1. Vaccination to Prevent Respiratory Disease – *Amelia Woolums*
2. An Instrument for Properly Diagnosing Staff  
   – *Mike Koenecke*
3. Understanding Salmonella  
   – *Guy Loneragan*
4. Pain Management in Cattle  
   – *Hans Coetzee*
5. Mastitis Therapy – *Pam Ruegg*

* Clinical Forums 2 is Saturday from 7:00-9:00 am (page 25).

**AASRP SMALL RUMINANTS**  
AASRP Sessions are included in the registration fee.  
Moderator: *Patty Scharko*

8:00 – 9:00 am  
On-Farm Procedures, Field Anesthesia and Analgesia  
*Cindy Wolf*

9:00 – 10:00 am  
Myth-Busting Strategies for OPPv Control  
*Cindy Wolf*

**AABP GENERAL SESSION**  
Moderator: *Lee Jones*

10:30 – 11:15 am  
Keynote: Addressing Diagnostic Error  
*Mark Graber*

11:15 – 12:00 pm  
Medical Error: Knowing (and Herding) the Elephants  
*John Gay*

**THURSDAY AFTERNOON**

**AABP GENERAL SESSION**  
Moderator: *Lee Jones*

1:30 – 2:10 pm  
Effects of Production Practices on *Mannheimia haemolytica*  
*Amelia Woolums*

2:10 – 2:50 pm  
Facts and Fiction Regarding Anthelmintic Efficacies in Cattle; An Updated Assessment  
*Tom Yazwinski*

2:50 – 3:30 pm  
Antibiotic Effects on Salmonella  
*Guy Loneragan*

3:30 – 4:15 pm  
VFD Continuous Feeding  
*Mike Apley*

3:30 – 4:00 pm  
**Join Us THURSDAY In The Exhibit Hall For Your MILK/COFFEE BREAK From 3:30 – 4:00 pm**

**4:45 – 5:30 pm**  
Role of the Microbiome in Respiratory Disease  
*Megan Niederwerder*

**NMPF FARM/BQA SESSION**  
Moderator: *Chase DeCoite, Emily Yesier Stepp*

1:30 – 2:30 pm  
National Beef Quality Audit Results  
*Keith Belk & Jeff Savell*

2:30 – 3:30 pm  
Emerging Animal Care Issues Within the Dairy Industry  
*Nigel Cook & Hans Coetzee*

4:00 – 5:30 pm  
The Veterinarian’s Role in Crisis Management  
*National Dairy FARM Program Staff & National BQA Staff*
RESEARCH SUMMARIES
1:30 – 5:30 pm
Times, titles and presenters will be published in the August or September AABP Newsletter and in the Pocket Guide distributed at the Conference. This information will also be available at www.aabp.org after August 15.

STUDENT CASE COMPETITION
Moderator: Andrew Lovelady
Talented student AABP members enrolled in North American veterinary colleges will compete for cash awards by presenting interesting cases treated or research projects completed. Time has been allotted for interactive discussion between the presenters and audience to promote relevant comments by experienced practitioners. Contestants are judged on both the quality of their investigation or research and quality of the presentation. In 2017, prizes will be awarded of $1,500 for the first place clinical case, $1,500 for the first place research presentation, and $750 for the second place research presentation.

1:30 – 1:50 pm
Acute Deaths in a Herd of 38 Cows
Lauren Thompson

1:50 – 2:10 pm
A Prospective Cohort Study of Decreased Colostrum Production on a Jersey Dairy Farm
Kevin Gavin

2:10 – 2:30 pm
Ammonia Toxicosis in an Alabama Beef Herd
Savannah Meade

2:30 – 2:50 pm
Pregnancy Associated Glycoprotein Levels and Embryonic Mortality in Florida Beef Cattle
Jacquelyn Mariano

2:50 – 3:10 pm
Neurolgical Defects in a 6-year old Crossbred Cow
Justin Casares

3:10 – 3:30 pm
Comparison of Milk and Plasma Pharmacokinetics of Meloxicam in Post-partum vs. Mid-lactation Holstein Cows
Michael Burchard

4:00 – 4:20 pm
Treatment of Udder Cleft Dermatitis in a Dairy Cow by Topical Application of Honey
Ashley Coxen

4:20 – 4:40 pm
Investigation of the Anti-biofilm and Antibacterial-potentiating Properties of 2-aminoimidazole Compounds for Mastitis-producing Staphylococcus aureus
Kristen Livengood

4:40 – 5:00 pm
Nitrate Toxicosis in an Alabama Beef Cow Following Severe Weather
Ashley Spann

5:00 – 5:20 pm
Improving On-farm Diagnostic accuracy Using Post-mortem Evaluations and Digital Necropsy
Joseph Hammes

Visit the AABP Poster Sessions
Thursday, September 14, 12:00 pm to Friday, September 15, 5:00 pm
Meet the poster presenters on Friday from 12:15 – 1:15 pm
THURSDAY AFTERNOON CON’T

PRACTICE MANAGEMENT
MYTHS
Moderator: Brian Reed
1:30 – 2:30 pm
Myth: No Way a Recent Grad Can Afford to Buy a Practice
Jessica Trichel
2:30 – 3:30 pm
Can You Sell Your Practice?
David McCormick
4:00 – 4:45 pm
Recent Graduates Can’t Successfully Own, Manage and/or Practice
Jennafer Glaesemann
4:45 – 5:30 pm
I Can’t Become a Practice Owner with My Debt
Mel Wenger & Gabe Middleton

FRIDAY, SEPTEMBER 15

FRIDAY MORNING
6:30 – 7:45 am
Breakfast with a Bovine Twist
The Future of Safe and Responsible Beef and Dairy Production
(sponsored by Diamond V)
AABP GENERAL SESSION
Moderator: Dave Sjeklocha
8:00 – 9:00 am
The Planned Response to an FMD Outbreak is Not What it Used to Be
Jim Roth
9:00 – 10:00 am
Bovine Anaplasmosis: What we Know that Just Ain’t So
Hans Coetzee
10:45 – 12:15 pm
The Future of Genetic Alteration in Food Animal Production
Alison Van Eenennaam

PRACTICE MANAGEMENT
MYTHS
Moderator: David Welch
8:00 – 9:00 am
We All Know What our Clients Want and Need
Dickson Lewis
9:00 – 9:30 am
The Bovine Practitioner Always Knows Best
Arn Anderson
9:30 – 10:00 am
Utilizing the Value Proposition in Dairy Practice
Jonathan Garber
10:45 – 12:15 pm
Why Can’t We all Just Get Along?
Mark Waschek

RESEARCH SUMMARIES
8:00 – 12:15 pm
AASRP SMALL RUMINANTS
Moderator: Patty Scharko
8:00 – 10:00 am
Adding Small Ruminant Reproduction to Your Practice: Breaking the Myth of Expensive Equipment and Extensive Training
Cliff Shipley
10:45 – 12:15 pm
The Eyes Have It – Small Ruminant Ophthalmology
Mary Smith

FRIDAY AFTERNOON

BEEF SESSION
Moderator: Randall Spare
1:45 – 2:00 pm
Cattle Production Veterinarian Hall of Fame - Beef
2:00 – 3:30 pm
Does MLV Administration to Heifers or Cows Lack Substantial Risk?
Dan Givens
4:15 – 5:00 pm
Myth: One Oral Electrolyte is Just as Good as the Other
Geof Smith
5:00 – 6:00 pm
Myth: All Calves are Created Equal – Only Selling Pounds at Weaning
Sally Northcutt & Bill Bowman

RESEARCH SUMMARIES
1:45 – 6:00 pm
DAIRY SESSION
Moderator: Terri Ollivett
1:45 – 2:00 pm
Cattle Production Veterinarian
Hall of Fame – Dairy
2:00 – 3:00 pm
Fresh Cow Metabolic Diseases:
Old Myths and New Data
Garrett Oetzel
3:00 – 3:45 pm
New Methods & Implications
of Abnormal Calcium Levels in
Fresh Cows
Jessica McArt
Moderator: Gary Oetzel
4:15 – 5:00 pm
High SCC is Always Problematic
(Or is It?) - David Kelton
5:00 – 6:00 pm
Myth: Better to Treat Too Many
Than Not Enough
Pamela Ruegg

AASRP SMALL RUMANANTS
Moderator: Patty Scharko
1:45 – 3:30 pm
Diagnosis and Treatment of Sheep
and Goat Dyspnea: They Don’t All Die
Mary Smith
4:15 – 6:00 pm
AASRP Research Summaries

SUNDAY, SEPTEMBER 16

SUNDAY MORNING

Clinical Forums 2*
(fee required, see page C3)
7:00 – 9:00 am
6 Bovine Clinical Pharmacology –
Mike Apley
7 Diagnostic Microbiology –
Brian Lubbers
8 Keeping Calves Healthy –
Geof Smith
9 Weaning and Receiving Beef
Calf Nutrition – Dan Thomson
10 Metabolic Disease in Fresh
Dairy Cows – Gary Oetzel

* Clinical Forums 1 is Thursday from
7:00-9:00 am (page 22).

RESEARCH SUMMARIES
8:00 am – 11:30 am

BEEF SESSION
Moderator: Eric Behlke
8:00 – 9:00 am
Myth: Pre-conditioning Calves
is an Economic “No-Brainer”
Oliver Schunicht
9:00 – 10:00 am
Myth: Toe Abscesses and Digital
Dermatitis are Uncommon Causes
of Feedlot Lameness
Shane Terrell
10:30 – 11:30 am
Myth: Veterinarians and Nutrition-
ists CAN NOT Work Together to
Bring Value to Feedlot Clients
Matt May

DAIRY SESSION
Moderator: Sheila McGuirk
8:00 – 8:45 am
Myth: If Written, It’s Followed –
Designing Protocols/SOPs and
Monitoring for Implementation
Dave Rhoda
8:45 – 9:15 am
Considerations of Antimicrobial
Use in Calves
Daniell Mzyk
9:15 – 10:00 am
Myth: More is Better – BRD
and Antibiotic Dosing
Brian Lubbers
10:30 – 11:30 am
Common Myths in Treating Calf
Diarrhea
Geoff Smith

Join Us SATURDAY In The Exhibit Hall
For Your MILK/COFFEE BREAK From 10:00 – 10:30 am

The 50th Annual Conference of the American Association of Bovine Practitioners
STUDENTS/NEW GRADUATES
Moderator: Chance Armstrong

9:00 – 10:00 am
Mystifying Medical Myths of the New Graduate
Arn Anderson

10:30 – 11:30 am
People Sometimes Lie but Lesions Seldom Do
Dan Scruggs

SATURDAY AFTERNOON

BEEF SESSION
Moderator: Eric Behlke
2:45 – 3:45 pm
Critically Evaluating Alternative Cattle Handling Techniques
Nathan Meyer

3:45 – 4:45 pm
Myth: Cattle Health and Well-being are Difficult to Measure in Today’s Feedlots
Dan Thomson

DAIRY SESSION
Moderator: Terri Ollivett
2:30 – 3:30 pm
What Doesn’t Kill You Makes You Stronger; Early Life Disease and Future Implications
Joao H C Costa

3:30 – 4:45 pm
Myth: Calves Forgive and Forget – Early Socialization and Housing Effects
Joao H C Costa

STUDENTS/NEW GRADUATES
Moderator: Chance Armstrong
2:30 – 3:30 pm
Taking the Mystery Out of Food Animal Surgery for the New Graduate
Nickie Baird

3:30 – 4:45 pm
Myths or Reality? Dealing with Debt, Jobs and Life
Britt Stubblefield

PRACTICE TIPS
Moderator: Dan Goehl
5:00 – 5:10 pm
Making the Most of Diagnostic Submissions
Drew Magstadt

5:10 – 5:20 pm
Getting the Answers to Questions You’re Not Allowed to Ask but Need to Know
Arn Anderson

5:20 – 5:30 pm
Equipment Modification to Suit Your Needs
Pat Comyn

5:30 – 5:40 pm
Chuteside Data Collection
John Bolinger

5:40 – 5:50 pm
What’s in Dee Griffin’s Necropsy Box and Why
Dee Griffin

5:50 – 6:00 pm
Alternative Possibilities for Euthanasia
Renee Dewell

The Hospitality Room will be available during specific hours Thursday through Saturday. Attendees registered in the “Accompanying Person” category are welcome to enjoy the Hospitality Room.
Meet up with your peers and colleagues to plan your time at the 50th AABP Annual Conference in Omaha!

A variety of food will be served buffet style so you can enjoy your evening and kick off another successful AABP Annual Conference!

Come Join Us for Breakfast

Thursday, September 14
6:30 – 7:45 am

“Modern Day Dairy Management with Genomic Wellness Traits”

Dr. Daniel J. Weigel
Director, Outcomes Research, Zoetis

Open to all AABP Attendees - Preregister for Breakfast (no charge) When you Register for the Conference
You are invited to the 10th Annual General Meeting of the CABV/ACVB

Thursday, September 14 • 12:15 - 1:30 pm

Members of the Canadian Association of Bovine Veterinarians/Association Canadienne des Vétérinaires Bovins (which includes all Canadian bovine regional associations) are encouraged to attend this General Meeting.

**PICK UP LUNCH AND BRING IT WITH YOU!**

CABV/ACVB continues to consult on many national issues. Be updated on CABV/ACVB’s activities over the past year, and add your voice on concerns of national importance to the bovine industry in Canada.

Join other CABV/ACVB members from across the country for a social sponsored by Vetoquinol on Friday, September 15th from 8:00 –10:00 pm. Watch for further details!

All CABV/ACVB Members (WCABP, OABP, AMVPQ, ABPA) are encouraged to attend both events.

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**Breakfast with a Bovine Twist**

**FRIDAY, SEPTEMBER 15 • 6:30 - 7:45 AM**

“The Future of Safe and Responsible Beef and Dairy Production”

Dr. Tom Edrington
Ruminant Technical Specialist, Diamond V

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OPEN TO ALL AABP ATTENDEES - Preregister for Breakfast (no charge) When you Register for the Conference
What we know that isn’t so

COME RUN THE
5TH ANNUAL AABP STAMPEDE
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SEPT. 16 • 7:30 A.M. • REGISTRATION: $40
MILLER’S LANDING • OMAHA, NEBRASKA

100% OF PROCEEDS GO TO THE AMSTUTZ SCHOLARSHIP FUND.

TASTE THE BEST of the MIDWEST

Enjoy an evening with your colleagues after the conference as you explore some of the Midwest’s finest cuisine.

Saturday, September 16 • 6:00 PM – 9:00 PM • CenturyLink Center Omaha

Please be our guest at this evening dinner. There is no charge for this event, but tickets are limited to the first 800 people. Reserve in advance when registering for the conference online at www.aabp.org or use the hard copy registration form.

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Tour 1  Wednesday, September 13, 2017
Omaha Culinary Tour
Time: 1:30 pm – 4:30 pm  Cost: $80

Explore Omaha's most historic food and entertainment district! The Old Market District is truly the birthplace of Omaha's culinary scene, and dates back to her founding in 1854. The cobblestone streets are home to a diverse mix of shopping, galleries, restaurants, taverns and people watching! On this walking tour, you’ll enjoy delicious food tastings from some of the best local eateries while exploring the area’s rich history and current culture. A tasting lunch is included in this tour. Transportation is provided to/from the front entrance of the Hilton Omaha to the Old Market District.

Tour 2  Thursday, September 14, 2017
Omaha Guided Bus Tour
Time: 8:50 am – 12:45 pm  Cost: $65

A professional guide will join your group for an overview of Omaha’s top points of interest. Tour highlights include: Lewis & Clark Landing, the historic spot where the exploring duo landed; Billionaire Warren Buffet’s home; Joslyn Castle, a 1903 Scottish castle; The Blackstone Hotel, the birthplace of the Reuben sandwich; TD Ameritrade Park Omaha, home of the annual NCAA Men’s College World Series; and Pioneer Courage Park, featuring more than 100 larger-than-life bronze sculptures that tell the story of the pioneer’s westward journey. Lunch at a local restaurant is included in this tour. Transportation is provided to/from the front entrance of the Hilton Omaha.
Tour 3  
Friday, September 15, 2017  
**Henry Doorly Zoo**  
**Time:** 9:45 am – 2:15 pm  
**Cost:** $65  
($10 voucher for zoo concessions included in cost)  

Omaha's Henry Doorly Zoo and Aquarium is nationally renowned for its leadership in animal conservation and research. In 2014, it was ranked “World's Best Zoo!” Evolving from the public Riverview Park Zoo established in 1894, today the zoo includes several notable exhibits. It features the largest cat complex in North America; “Kingdoms of the Night” is the world’s largest nocturnal exhibit and indoor swamp; the Lied Jungle is one of the world's largest indoor rainforests; and the “Desert Dome” is one of the world’s largest indoor deserts, as well as the largest glazed geodesic dome in the world. The zoo is Nebraska's top paid attendance attraction and has welcomed more than 25 million visitors over the past 40 years. Concessions available throughout the zoo, tour participants will receive a $10 concessions voucher. Transportation is provided to/from the front entrance of the Hilton Omaha.

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Tour 4  
Saturday, September 16, 2017  
**Lauritzen Gardens**  
**Time:** 8:50 am – 11:10 am  
**Cost:** $40  
**Pick up:** 8:50 am at Hilton Omaha front entrance  

Containing over 100 acres of flowers and plant displays from around the world, the Lauritzen Gardens is yours to explore. Since opening in 1982, new garden areas have been added each year featuring areas such as the English and Victorian gardens, Song of the Lark Meadow and the four-acre arboretum and bird sanctuary. Narrated tram tours are additional and available onsite for purchase. Transportation is provided to/from the front entrance of the Hilton Omaha.
What we know that isn’t so
The 50th Annual Conference of the American Association of Bovine Practitioners

Speaker S, Faculty & Coordinator S

What we know that isn’t so
### Speakers, Faculty & Coordinators

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The 50th Annual Conference of the American Association of Bovine Practitioners
VISIT THE EXHIBITS!

Omaha CenturyLink Center
Thursday 8:00 AM – 6:30 PM ◆ Friday 8:00 AM – 5:00 PM

In addition to browsing the exhibits, join us in the Exhibit Hall for the Wine & Cheese reception, milk/coffee breaks, Thursday and Friday lunch, Quiz Bowl and the Silent Auction! Find out more about 2017 exhibitors under the Conference tab at www.aabp.org.

AABP
Acumen Detection
Addison Biological Laboratory, Inc.
Advanced Animal Diagnostics, Inc
Agrilabs
Agri-Pro Enterprises
Aliflex USA, Inc / Destron Fearing
American Embryo Transfer Association
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Animax Veterinary Technology
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Bayer HealthCare
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Vetmedica, Inc.
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Bowie International LLC
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Cattle Stats, LLC
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Colorado Serum Company
Cornell University Animal Health Diagnostic Lab
Dairy Records
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Dairy Tech, Inc.
Daniels Manufacturing Co.
DHI Computing Service, Inc.
Diamond V
E I Medical Imaging
Elanco Animal Health
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Henry Schein Animal Health
Hoard’s Dairyman
Hoof Trimmers
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ImmuCell Corporation
Immvac Inc.
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Department of Veterinary Diagnostic and Production Animal Medicine
Jorgensen Laboratories
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Veterinary Diagnostic Lab
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K-State Rabies Lab
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La Belle, Inc
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Lane Manufacturing Inc
Life Products
Merck Animal Health
Midwest Veterinary Supply
MISCO Refractometer
Móly Manufacturing
Multimin USA, Inc.
MWI Animal Health
Nasco
National Cattlemen’s Beef Association
National Dairy FARM Program
Neogen Corporation
Newport Laboratories
No-Bull Enterprises
Norbrook Inc
Nova Vive Inc.
Nova-Tech, Inc.
Partnar Animal Health
Pella
PETS
PharmGate Animal Health
Phibro Animal Health Corporation
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PowerFloat
Progressive Publishing
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SCR Dairy, Inc
SireMaster
Society for Theriogenology
Steuart Laboratories
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Veterinary Concepts
Vetoquinol
Vettec
VMRD
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Zoetis

Special thanks to those exhibitors who generously support the Amstutz Scholarship Fund Silent and Live auctions.
THE AABP WISHES TO EXPRESS GRATITUDE TO THE FOLLOWING COMPANIES FOR THEIR GENEROUS SUPPORT OF THE 50TH ANNUAL CONFERENCE.