AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

51st Annual Conference
September 13-15, 2018
Phoenix • Arizona

Become Indispensable

Be the ultimate source of information and service for your clients

Joint Meeting with the American Association of Small Ruminant Practitioners

REGISTRATION NOW OPEN
Preregister online or use form inside
Phoenix, also known as the Valley of the Sun, welcomes AABP. Famous for its 300+ days of abundant sunshine and beautiful sunsets, Phoenix offers the whole family exciting experiences! The world-famous Phoenix Art Museum and Heard Museum are must-see attractions. Like hiking? The most famous landmark in Phoenix, Camelback Mountain, contains urban wilderness and hiking galore! You will also find 35 public, private and resort golf course destinations. The Phoenix restaurant scene includes celebrity chefs and cooking show sets, 30 breweries and, of course, great steakhouses!

The 2018 AABP Program Committee invites you to Phoenix to participate in one of the most comprehensive scientific programs available on cattle disease and production. Start your week with one or more of 17 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 discussion group format for in-depth discussion and a hot breakfast, too.

This year’s conference theme, “Become Indispensable”, embodies a positive, focused approach to maintaining and growing services that fulfill client and customer needs. We can strive to embrace change and continue to increase service offerings using clinical competence, trust, compassion, execution and a deep understanding of the industries we serve, no matter our years in practice.

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 Dr. Morgan McArthur with his presentation “Secret Sauce Service”, followed by “How to Keep Producers Asking for More” by Dr. Mark Hilton.

We look forward to seeing you in Phoenix!

*Mike Apley, AABP President*
*Glenn Rogers, AABP Program Chair*
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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.

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**American Association of Bovine Practitioners**

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Ashland, OH 44805
1-800-COW-AABP (1-800-269-2227)
Email: aabphq@aabp.org
www.aabp.org

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The 51st Annual Conference of the American Association of Bovine Practitioners
Your 2017-2018 AABP Officers and Board of Directors
Welcome You to the 51st AABP Annual Conference!

Back Row, L-R: Drs. Glenn Rogers (President-Elect), Hunter Lang, Carie Telgen, Mike Apley (President), Christine Navarre (Parliamentarian), Mark Hardesty, Tom Massie, Carl Meyer, Wayne Shewfelt, Joe Hillhouse, Bryan Halteman (Treasurer).

Front Row, L-R: Drs.Jeff Ondrak, Calvin Booker (Vice President), Lee Jones, Eric Behlke, Mark Thomas (Immediate Past President), Gerry Koenig, Vickie Cooper (not pictured, Dale Moore).
How to Register for the Conference

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

DETERMINING YOUR SCHEDULE
The AABP 2018 Pocket Guide showing locations, times, dates and special-event reminders will be available when you pick up your Registration Packet in Phoenix. 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 (this page).

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, 2018.

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, 2018, qualify for a 100% refund.
Refund requests received after September 1 and before September 11, 2018 qualify for a 50% refund.
Refund requests received after September 11, 2018 will be reviewed on a case-by-case basis but may not be eligible for a refund.

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 a Phoenix 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 an attendee’s QR code on name badges to retrieve contact information for sales lead retrieval. Purchase the lead retrieval app in the App Store, or contact Dr. Charlie Hatcher at exhibits@aabp.org for more information on the lead retrieval app.

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 Hotel Reservations by August 22 to Guarantee AABP Conference Rates!

CONFERENCE HOTEL: SHERATON GRAND PHOENIX
340 North 3rd Street, Phoenix, AZ 85004

The Sheraton Grand Phoenix stands as a cultural oasis, redefining the concept of an urban hotel. Conveniently located minutes from the Phoenix Sky Harbor International airport, the hotel is located adjacent to the Phoenix Convention Center, and just steps away from over 40 restaurants, Chase Field, U.S. Airways Center, the Herberger, Comerica and Orpheum Theaters, and a number of museums. The Sheraton Grand Phoenix offers a range of world-class amenities including a 24-hour complimentary state-of-the-art fitness center with an adjacent heated pool and hot tub.

Rates: (USD) Single/Double $239
Parking: Self-park $22/$32 (valet)

The AABP conference hotel offers discounted rates until August 22, 2018. For BEST AVAILABILITY and to guarantee a reduced rate, reserve by phone or online 24/7 at www.aabp.org, by August 22, 2018.

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 22, 2018 via the website, email aabp@experient-inc.com or call 800-967-8852. Contact the hotel regarding changes and cancellations on/after August 27, 2018.

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

CONFERENCE LOCATION:
PHOENIX CONVENTION CENTER
100 North 3rd Street, Phoenix, AZ 85004; Phone: 602-262-6225
**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, 2018**, to facilitate your making alternate travel plans, if necessary. Register online at www.aabp.org or use the form at the center of this program. **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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The first day of the program will provide basic nutritional concepts of beef cow nutrition and integrate new information from the NRC publication. A review of the BRAhNDS software applications will be integrated into this information to allow the practitioner to become familiar with fundamentals of the program. The second day will focus more on applications of nutrition using case studies to demonstrate beef cow nutrition principles.

Fee: $335
Level: Intermediate
Date/Time: Monday, September 10
8:00 am – 5:00 pm
Tuesday, September 11
8:00 am – 5:00 pm
Coordinator: Robert Van Saun
Faculty: Garland Dahlke, W. Mark Hilton,
Computers: Yes
Limit: 30

#3 The Replacement Heifer from Birth to Calving
Due to increasing amount of information about the management and nutrition of the replacement dairy heifer, this seminar has expanded to a three-day seminar, with the addition of calf and heifer housing. It will cover the design and ventilation as well as adapting current facilities to housing for calves and heifers. Management and nutrition of the closeup dry cow and its effect on the neonatal calf, perinatal management of the calf, colostrum management and monitoring colostrum will also be covered. Nutritional management of the milk-fed calf as well as older heifers will be discussed, including the use of waste milk, milk replacer, individual and group feeding systems, and infectious disease prevention, control and treatment with emphasis on GI tract and respiratory disease. Reproductive management and synchronization programs along with the economics of intensive feeding programs will also be covered.

Fee: $500
Level: Basic
Date/Time: Sunday, September 9
8:00-5:00 pm
Monday, September 10
8:00 – 5:00 pm
Tuesday, September 11
8:00 – 5:00 pm
Coordinator: Robert Corbett
Faculty: David Kammel, Sandra Godden, Chris Chase, Mike Overton, Geof Smith
Computers: No
Limit: 35

#4 Dairy Ration Design and Protein/Amino Acid Balancing
This seminar is for practitioners who would like to learn diet design and protein/amino acid balancing using the most up-to-date nutrition modeling. You will need intermediate knowledge of basic nutrition concepts (understanding ADF, NDF, etc.). We will provide basic knowledge on data collection needed to evaluate the nutritional status of a herd, how to build a ration by critically selecting ingredients to minimize costs and maximize performance, and design the nutrient profile of a ration according to different objectives. We will cover different group feeding strategies. On Day 2, we will work with AMTS and NDS software balancing programs in small groups divided into beginner, intermediate and advanced, led by instructors who are balancing dairy diets on a daily basis.

Fee: $230
Level: Intermediate
Date/Time: Monday, September 10
8:00 am-5:00 pm
Tuesday, September 11
8:00 am – 5:00 pm
Coordinator: Enrique Schcolnik
Faculty: Shane Fredin, Jeff Defrain, Ed Kreykes, David Weber
Computers: Yes
Limit: 30
#5 Understanding and Maximizing Milk Fat on the Dairy

Issues with milk fat on the dairy have continued to frustrate the veterinarian and the consulting nutritionist. Milk fat is a very volatile component that is influenced by season, management, nutrition and nutritional management. The objective of the seminar is to provide participants with an updated understanding of nutritional, environmental and management factors that influence milk composition with specific emphasis on milk fat.

This seminar will provide practitioners with current information necessary to understand opportunities to maximize milk fat and provide the basic and advanced skills necessary to troubleshoot milk fat issues on a dairy. A case-based approach will be used in the instruction of this course. Using new research will allow for a more thorough understanding of factors that influence milk components and how to troubleshoot problems on the dairy. The goal will be to provide guidance on how to investigate a problem on a dairy.

Fee: $275
Level: Intermediate
Date/Time: Wednesday, September 12
8:00 pm – 5:00 pm
Coordinator: Gerald Mechor
Faculty: Kevin Harvatine, Tom Jenkins, Tom Overton,
Computers: No
Limit: 30

#6 Dairy Nutrition – Learn the Basics and How to Understand Rations and Forage Analysis

If you are looking for a preconference seminar that will allow you to understand dairy nutrition and be able to intelligently communicate with your producers’ nutritionists, this is the one for you. This one-day course will cover the basics of dairy nutrition then progress to explaining each portion of a forage analysis. Forage analysis for several different forages will be shown to determine what should be expected of these forages and the quality of them.

Rations will be covered by going over each section of the ration. Specific ranges for each value will be given for the different rations utilized for dairy nutrition. These would include lactating, dry cow (far off and close-up) and heifer rations. We will then go through different ration forage analysis to determine the quality of the forage. Participants will also be presented with different rations to determine if there may be an issue with the ration that may be the cause of poor performance or health issues. This seminar is not designed to train veterinarians to perform ration balancing. It is well understood that there is more involved with balancing rations than having all of the values fall between certain ranges.

Fee: $225
Level: Basic
Date/Time: Wednesday, September 12
8:00 am – 5:00 pm
Coordinator: Trent Lartz
Faculty: Mike Van Amburgh
Computers: No
Limit: 30
#7 Breeding Soundness Exams: Success is in Your Hands

Bovine practitioners have the opportunity to make a large impact on cattle operations every year when they perform annual bull breeding soundness exams. The aim of this workshop is to assist practitioners in building a repertoire to portray the value in the breeding soundness examination to their clients; update practitioners on current recommendations regarding semen analysis and the new updated standards that will be released by the Society for Theriogenology in the fall of 2018; and build a solid foundation of knowledge and facts regarding bull breeding soundness examinations that practitioners can take with them into practice.

The workshop will be a mix of lecture and hands-on with microscopes available for participants to view morphology slides and interact with faculty. Both brightfield and phase contrast microscopes will be utilized to allow attendants to explore the pros and cons of each type of microscope.

Fee: $225
Level: Intermediate
Date/Time: Wednesday, September 12
8:00 am – 5:00 pm
Coordinator: Chance Armstrong
Faculty: Jennifer Koziol
Computers: No
Limit: 30

#8 Edwin Robertson Advanced ET Seminar

In this advanced seminar, we will discuss the role(s) embryo transfer practitioners might play in the growing field of in vitro embryo production and transfer. Recent developments in super-stimulation and donor selection and management, especially as applied to in vitro embryo production and transfer, will be covered. Topics include a discussion on superovulation for embryo collection and transfer, super-stimulation for OPU with an emphasis on donor management and nutrition, optimizing success with embryo transfer recipients, recipient synchronization and the handling and transfer of IVP embryos, and the practitioner’s role in providing these services. We 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 and where the in vitro production of bovine embryos fits in embryo transfer practice. We will conclude with time devoted to questions, answers and group discussion.

Fee: $300
Level: Intermediate
Date/Time: Wednesday, September 12
8:00 am – 5:00 pm
Coordinator: Kevin Lindell
Faculty: Patrick Blondin, John Schmidt
Computers: No
Limit: 30

#9 Dairy Reproduction for Success and Profit

The impact of reproduction performance on dairy farms is significant due to its impact on milk sales, culling opportunities, replacement options and genetic progress. There are so many protocols and tools to choose from and so much available data. Am I making the best recommendations to my clients? HELP!

This seminar will offer help by bringing you the latest information on how to optimize reproductive performance. Topics include postpartum recovery, reproductive programs and when to use which tool, managing AI technicians, pregnancy loss reduction and the use of genomic data. We will discuss assessing needs, prioritizing opportunities, implementing changes and demonstrating economic value of improved reproductive efficiency and genetic improvement. This seminar will focus on management of AI breeding programs. The reproductive monitoring section will discuss general principles applicable to all herd sizes but the data analysis will focus on herds with 300 or more cows.

Fee: $350
Level: Intermediate
Date/Time: Tuesday, September 11
8:00 am – 5:00 pm
Wednesday, September 12
8:00 am – 5:00 pm
Coordinator: John Lee
Faculty: Mike Overton, Paul Fricke, Joe Dalton, Flavio Silvestre
Computers: No
Limit: 30
#10 Using the Pregnancy Analytics App to Add Value to Beef Cow Herd Pregnancy Checks

The Beef Cattle Institute (BCI) at Kansas State University has developed a Pregnancy Analytics app for mobile devices. This tool allows easy chute-side data collection at the time of pregnancy diagnosis, and immediately turns preg-check data into easy-to-read charts and tables. By evaluating the breeding season success for cows grouped by age, body condition, or other description, the veterinarian can identify not only “when” breeding was less successful, but “which types of cows” were less successful.

The graphs and tables are automatically generated and can be emailed to the veterinarian and producer. Combined with information about the timing of births in the calving season preceding the breeding season, bull breeding soundness examinations, environmental and forage conditions, and management during the breeding season, the graphs and tables generated by the Pregnancy Analytics App are a powerful diagnostic tool to assist veterinarians to improve reproductive efficiency of beef herds.

Fee: $280
Level: Intermediate
Date/Time: Tuesday, September 11 8:00 am – 5:00 pm

Coordinator: Robert Larson
Faculty: Brad White
Computers: Yes
Limit: 20

#11 Tools and Concepts for Making Evidence-Based Decisions

Numbers are everywhere in veterinary practice – our accounting books, medical records, and our clients’ health records to name just a few. The ability to work with numbers can help us make better decisions, provide stronger, evidence-based recommendations to clients, and create new practice opportunities. Using data to aid decision-making has become easier because of computers. But, it requires the veterinarian to understand how to think quantitatively, know how to use tools – like spreadsheets – to work with numbers, and apply quantitative skills to medical problems.

We will show attendees how to use data to make decisions or provide evidence-based recommendations to clients. This workshop will use a computer laboratory provided by the faculty. It is helpful, but not required, if attendees have some familiarity with computer spreadsheets. Attendees will go home with knowledge that can expand the services offered by their practice.

Fee: $300
Level: Basic
Date/Time: Wednesday, September 12 8:00 am – 5:00 pm
Coordinator: David Smith
Faculty: Robert Wills, Kimberly Woodruff
Computers: Yes
Limit: 28

#12 Dairy Cattle Lameness: A Lesion-Oriented Life Cycle Approach to Managing Hoof Health in Dairy Herds

Lameness impacts up to a third of our cows in the nation’s dairy herd and veterinarians have an enormous opportunity to create an impact. This seminar will provide you with the tools to significantly improve lameness rates and enhance wellbeing! This session will be very interactive as you will work in small groups on a herd level case. The worktime will be broken up with short mini-lectures and discussions.

This dynamic duo of instructors will show you how to assess herd level lameness and use trimming records. We will give you the confidence to work alongside trimmers. Control of infectious hoof diseases will be extensively reviewed. 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. Come prepared to learn and discuss how to help your clients prevent and manage lameness in their herds!

Fee: $225
Level: Basic
Date/Time: Wednesday, September 12 8:00 am – 5:00 pm
Coordinator: Gerard Cramer
Faculty: Nigel Cook
Computers: No
Limit: 30
#13 Animal Welfare-Directed Training Programs for Dairy Practice

This seminar is for practitioners who want to incorporate animal welfare into the services they provide. Animal welfare issues on dairies will be discussed utilizing a recent welfare video. Participants will analyze the welfare issues involved, discuss the relationships of welfare and management and present long-term solutions to the problems. Methods of discussing issues that challenge values and peer groups (such as animal welfare) will be discussed and these techniques used in example training modules. A focus will be on teaching compassion and animal emotions to owners, managers and employees as the foundation of good medicine and animal welfare. The role of the herd veterinarian as a main resource or manager of the farm welfare program will be presented and discussed. Managing the program rather than being the sole provider of training and protocols will be stressed.

Fee: $150  
Level: Advanced  
Date/Time: Wednesday, September 12  
8:00 am – 5:00 pm  
Coordinator: Jim Reynolds  
Faculty: Paul Plummer, Jan Shearer  
Computers: No  
Limit: 30

#14 Food Armor® Phase I Training: Building HACCP-based Health Management Plans for Dairy Farms

Food Armor® provides training for veterinarians seeking to design, implement, and maintain comprehensive animal health management plans for dairy farm clients. These plans are based on Hazard Analysis and Critical Control Point (HACCP) principles and will permit farms to realistically achieve modern standards of practice in animal care, proper drug use and food safety.

The seminar will emphasize the following six sections: VCPR, drug list, treatment protocols, SOPs, records, and veterinary oversight. Through presentations and group discussions, veterinarians will be trained to use the extensive tools and templates developed by the Food Armor program. An emphasis on practical solutions for these challenging issues is part of the foundation of Food Armor.

Fee: $225  
Level: Basic  
Date/Time: Tuesday, September 11  
8:00 am – 5:00 pm  
Coordinator: Katie Mrdutt  
Faculty: Jon Garber, Glen Johnson  
Computers: No  
Limit: 30
**#15 Food Armor® Phase II Training: Becoming an Accredited Veterinarian**

The Food Armor® farm certification program provides an opportunity for dairy farm owners to demonstrate their commitment to animal care and food safety. This seminar completes the necessary training for veterinarians to become a Food Armor Accredited Veterinarian so they may work with dairy farms that are seeking to earn Food Armor certification.

The focus of the seminar will be to train veterinarians how to work with farms seeking to earn Food Armor certification and we will emphasize the certification requirements for each of the following six sections: VCPR, drug list, treatment protocols, SOPs, records, and veterinary oversight. Through presentations and group discussions, veterinarians will be trained how to leverage certification requirements to manage risk and effect permanent change on farms. At the conclusion of the seminar, veterinarians will be equipped with the skills, knowledge, and tools to immediately begin working with dairy farms seeking to earn Food Armor certification.

**Fee:** $225  
**Level:** Intermediate  
**Date/Time:** Wednesday, September 12  
8:00 am – 5:00 pm  
**Coordinator:** Katie Mrdutt  
**Faculty:** Jon Garber, Glen Johnson  
**Computers:** No  
**Limit:** 30

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**#16 Dairy Cattle Genomics: Fertility and Animal Health**

Genomic testing is a newer technology that some dairy producers have embraced and others are considering. With greater than two million Holstein females genotyped already, opportunity exists for veterinarians to broaden the services offered to their clients.

The objectives of this seminar are to introduce the technology, terms, and tests to the practitioner; describe how some producers are using the technology; extend new information on genomics and fertility; review an economic model on testing and reproductive strategies; and explore how to incorporate this technology into dairy practice. This seminar will provide participants with a foundation of dairy cattle genomics relative to fertility, thereby allowing them to engage in development of management strategies with clients to chart a course for continuous improvement of clients’ herds.

**Fee:** $100  
**Level:** Basic  
**Date/Time:** Tuesday, September 11  
8:00 am – 5:00 pm  
**Coordinator:** Dale Moore  
**Faculty:** Jason Osterstock, Joe Dalton, Albert DeVries  
**Computers:** No  
**Limit:** 30

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**#17 Practice Valuation as a Tool for Practice Entrance and Exit Strategies**

If you are an owner approaching the sale of your practice, do you have any idea of its value? You control the value of your practice and today’s management decisions ultimately determine the value when you sell. If you are a potential buyer, is the valuing of a practice a mystery, do you understand the three means used to value practices, and how purchasing a practice will affect your take-home pay?

In either case, don’t be caught by surprise! This practice valuation workshop will cover how a veterinary practice is valued, specific steps to improve and protect your practice’s investment, how to make the purchase affordable for the buyer, and how to develop a Business Mentorship Program to ensure an associate’s successful transition into ownership.

**Fee:** $235  
**Level:** Basic  
**Date/Time:** Wednesday, September 12  
8:00 am – 5:00 pm  
**Coordinator:** David Welch  
**Faculty:** Denise Tumblin  
**Computers:** Yes  
**Limit:** 30
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.

2018 FOUNDATION COMPETITIVE RESEARCH GRANT RECIPIENTS
- A controlled trial assessing the effect of two different drying-off protocols on the risk of new intramammary infection and well-being in dairy cows, Dr. Matthias Wieland, Cornell University
- Impact of meloxicam on IBR, BRSV, PI3, and coronavirus titers when administered concurrently with a modified-live respiratory vaccine in abruptly-weaned beef calves, Dr. Elizabeth Homerosky, Veterinary Agri-Health Services, Alberta, Canada

Won’t You Give $51 for 51 Years?
You can always donate at any time, but why not help us recognize the excellent work the AABP Foundation does for students, members and the industry by donating $51 (or more!) in honor of our 51st Annual Conference?

You can donate on your registration form (in print or online), at the AABP booth in the Exhibit Hall, 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/
**WEDNESDAY**

**WEDNESDAY EVENTS**

7:00 am: AABP Board of Directors Meeting

8:00 am: Tour: Desert Botanical Garden and Heard Museum (*fee required*), page 32

8:00 am – 5:00 pm: Faculty Representatives, Food Animal Educators and Extension Veterinarians Seminar

6:00 – 9:00 pm: AABP Welcome Reception
Sponsored by Boehringer Ingelheim

**THURSDAY**

**THURSDAY SCIENTIFIC SESSIONS**

7:00 – 9:00 am: Clinical Forums (*fee required*), page 20

8:00 – 10:00 am: Small Ruminants, page 20

10:30 – 12:00 pm: General Session, Keynote Address, page 20

1:30 – 5:30 pm:
- General Session, page 20
- Practice Management, page 22
- Research Summaries, page 21
- Student Case Competition, page 21
- NMPF Session, page 20

**OTHER THURSDAY EVENTS**

6:30 am:
- Committee Chairpersons Breakfast
- Breakfast with a Bovine Twist *Detecting and Breaking Abnormal/Normal Paradigms: The Art & Science of Feeding for Health and Immune Resilience*, Sponsored by Diamond V, page 28

8:00 am:
- Exhibit Hall Opens
- Auction Items on Display, Exhibit Hall
- Hospitality Room (*for registered Accompanying Persons*), page 24

8:30 am: Tour: Phoenix Zoo (*fee required*), page 32

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 11th Annual General Meeting, page 29

5:30 -6:30 pm: Wine & Cheese Reception Before a Night on the Town, Sponsored by AABP and Midwestern University, page 21

9:00 pm – 12:00 am:
- Student Reception
  Sponsored by Elanco, page 29
FRIDAY SCIENTIFIC SESSIONS
8:00 – 12:15 pm:
• General Session, page 22
• Practice Management, page 22
• Small Ruminants, page 22
• Research Summaries, page 22
1:45 – 6:00 pm:
• Beef Session, page 22
• Dairy Session, page 23
• Small Ruminants, page 23
• Research Summaries, page 23
4:15 – 6:00 pm: AASRP Research Summaries, page 23

OTHER FRIDAY EVENTS
7:00 am: Board of Directors Meeting
8:00 am:
• Exhibit Hall Opens
• Auction Items on Display in Exhibit Hall
9:00 am: Tour: Arabian Ranch Tour (fee required), page 33
12:15 pm:
• Lunch in the Exhibit Hall (use your Bovine Bucks)
• ABVP Certification Workshop
• Quiz Bowl Finals in the Exhibit Hall Sponsored by Newport Laboratories
• Meet the Poster Presenters
6:00 pm: 10th Annual Scholarships, Live Auction Dinner, Sponsored by Zoetis, page 30
7:00 pm: 11th Annual Job Fair, page 18

SATURDAY SCIENTIFIC SESSIONS
7:00 – 9:00 am: Clinical Forums (fee required), page 23
8:00 – 11:30 am:
• Beef Session, page 23
• Dairy Session, page 23
• Students/New Graduates Session, page 24
• Research Summaries, page 23
2:45 – 4:45 pm:
• Beef Session, page 24
• Dairy Session, page 24
• Students/New Graduates, page 24
5:00 – 6:00 pm: Practice Tips, page 24

OTHER SATURDAY EVENTS
6:30 am: Christian Veterinary Mission Breakfast
7:30 am: 5k Stampede Fun Run, (buses leave at 6:45 am), page 31
8:50 am: Tour: Valley Highlights (fee required), page 33
11:30 am: AABP Annual Business Meeting and Awards Luncheon
6:00 pm: Be Our Guest for a Taste of the Southwest, sponsored by Merck Animal Health (no charge but must register), page 31

REGISTRATION DESK HOURS
PHOENIX CONVENTION CENTER
Tuesday, September 11, 7:30 am - 5:30 pm
Wednesday, September 12, 7:30 am - 5:30 pm
Thursday, September 13, 7:00 am - 5:30 pm
Friday, September 14, 7:00 am - 5:30 pm
Saturday, September 15, 7:30 am - 11:30 pm
11th Annual AABP

JOB FAIR

Friday, September 14
7:00 - 9:00 pm

Fourth-year students plus food animal and mixed animal practitioners can meet and discuss future study and working relationships at AABP’s 11th Annual Job Fair. The fair is an ideal opportunity for veterinary students or practicing veterinarians with food animal interests to learn about 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.

BUY LUNCH IN THE EXHIBIT HALL USING YOUR BOVINE BUCKS

THURSDAY
12:00 P.M.—1:30 P.M.
FRIDAY
12:15 P.M.—1:45 P.M.

All AABP registrants will receive BOVINE BUCKS lunch tickets for a complimentary lunch Thursday and Friday in the Exhibit Hall.

Find your tickets behind your name badge in your name badge holder and present to the cashier at lunch.

BOVINE BUCKS are yours courtesy of AABP.
Have You Heard?
There’s a Wide Variety of AASRP Sessions!

Join fellow small ruminant practitioners on Thursday and Friday, Sept. 13-14, 2018, at the 51st AABP Annual Conference in Phoenix with sessions on reindeer, camelids, sheep and goats.

AASRP sessions include:
- Reindeer reproduction
- Small ruminant theriogenology in practice
- Camelids 101
- Common field problems in camelids
- Udder health for dairy goats
- Fluid therapy and blood transfusions
- Adult sheep and goat post mortems
- AASRP research summaries

How Do You Become Indispensable to Clients?
Become Indispensable to Your Practice!

The AABP Veterinary Practice Sustainability Committee (VPS) offers seven sessions on improving your practice through organization, implementation of new ideas, staff issues, buy/sell agreements and more. See page 22 for the VPS schedule.

TOPICS INCLUDE:
- Scheduling practice staff
- Compassion satisfaction and compassion fatigue
- Buy/sell agreements
- Developing new practice opportunities
- Data-driven decisions
- Mentoring associates/implementing new technology
- Growing a practice/adding doctors

ALSO! Preconference Seminar #17, Practice Valuation as a Tool for Practice and Entrance and Exit Strategies, will be held Wednesday, Sept. 12. See page 14 for more information.
THURSDAY, SEPTEMBER 13

THURSDAY MORNING
6:30 – 7:45 am
Breakfast with a Bovine Twist
Detecting and Breaking Abnormal/Normal Paradigms: The Art & Science of Feeding for Health and Immune Resilience – Sam Barringer
Sponsored by Diamond V

Clinical Forums 1*
(fee required, see page C3)
7:00 – 9:00 am
1 Rumen and Gut Health
King Hickman
2 Reaching Out to Our Stressed Out Clients – Charles Gardner
3 Identifying Health and Performance Limiting Disturbances in Production Systems: Is Infectious Disease a Cause or a Symptom?
Jerry Stokka
4 Optimizing a Dairy Cow’s Transition into Lactation: How to Make You (and Her) Indispensable – Jessica McArt
5 Become Indispensable – Helping Your Clients See What They are Missing in Their Dairy Calf Program – Terri Ollivett

THURSDAY AFTERNOON

AABP GENERAL SESSION
Moderator: Mark Hilton
10:30 – 11:15 am
Secret Sauce Service
Morgan McArthur

11:15 – 12:00 pm
How to Keep Beef Producers Asking for More – Mark Hilton

AABP GENERAL SESSION
Moderator: Mark Hilton
1:30 – 2:15 pm
Becoming Indispensable by Making What Really Matters What Really Matters - Franklyn Garry

2:15 – 2:45 pm
Becoming Indispensable in Times of Change: Value-Added Services and Work Place Culture
Shannon Nielsen

2:45 – 3:30 pm
Antimicrobial Metrics - A Useful Tool for Management, or a Biased Disciplinary Stick?
Katie Hope & Nora Schrag

4:00 – 4:45 pm
Leading Through Generations
Grant Rathje

4:45 – 5:30 pm
AABP Hot Topic!

NMPF SESSION
Moderator: Emily Yeiser Stepp
1:30 – 3:30 pm
BQA Transportation Training and Certification – Chase DeCoite

4:00 – 4:45 pm
Consistency of Locomotion Assessment in the Beef and Dairy Industries – Cassandra Tucker, Michelle Calvo-Lorenzo & Lily Edwards-Callaway

4:45 – 5:30 pm
Animal Care Crisis on the Farm
Jim Sleper & Michael Roberson

* Clinical Forums 2 is Saturday from 7:00 – 9:00 am (page 23)

AASRP SMALL Ruminants
AASRP Sessions are included in the registration fee.
Moderator: Ann Goplen

8:00 – 9:00 am
Reindeer Reproduction and Veterinary Care – Isaac Bott

9:00 – 10:00 am
Incorporating Small Ruminant Theriogenology in Private Practice: Creating a Brand That Keeps Producing – Isaac Bott

Join Us THURSDAY In The Exhibit Hall For Your MILK/COFFEE BREAK From 10:00 – 10:30 am and 3:30 – 4:00 pm

Sponsored by:
**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: Molly Lee

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 2018, 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  
Impact of Programs for Synchronization of Estrus and Ovulation on Reproductive Efficiency of Lactating Dairy Cows  
*Mary Liebenstein*

1:50 – 2:10 pm  
Femoral Head Ostectomy as a Treatment Option for a Luxated Coxofemoral Joint in a Shorthorn Cow  
*Caroline Benham*

2:10 – 2:30 pm  
Analysis of Cortisol, Substance P, Thermography, Algometry, and ADG Responses to Caustic Paste Disbudding with Oral Meloxicam in Holstein Calves – *Kyle J. Karlen*

2:30 – 2:50 pm  
Refusal to Nurse in a 15- day-old Brahma Bull Calf  
*Samantha Anthony*

2:50 – 3:10 pm  
Using Digital Vacuum Recorders to Calibrate Farm Milk-Flow Meters for Predicting Bimodal Milking  
*Colleen Curtiss*

3:10 – 3:30 pm  
Johnes Disease More Common in Beef Cattle than Previously Thought  
*Morgan Randall*

4:00 – 4:20 pm  
Effect of Selective Dry Cow Therapy on Udder Health and Milk Microbiome in Dairy Cattle with Low Somatic Cell Count  
*Samuel Scheu*

4:20 – 4:40 pm  
Epizootic Hemorrhagic Disease in an Adult Beef Cow  
*Kaitlyn Hess*

4:40 – 5:00 pm  
Efficacy of Laryngeal Mask Airway (LMA) for Ventilating Neonatal Calves  
*Laura Armstrong*

5:00 – 5:20 pm  
A Spinal Abscess as a Complication of a Caudal Epidural for Embryo Transfer – *Kelly Mills*

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**Wine & Cheese Exhibit Hall Reception**

Thursday, September 13, 5:30-6:30 pm

Phoenix Convention Center, Exhibit Hall

Join your colleagues, friends and new acquaintances for a wine and cheese reception in the Exhibit Hall before heading out for an open night on the town in Phoenix!

*Sponsored by the AABP Board of Directors with support from Midwestern University*

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**Visit the AABP Poster Sessions**

Thursday, September 13, 12:00 pm to Friday, September 14, 5:00 pm

Meet the poster presenters on Friday from 12:15 – 1:15 pm
FRIDAY, SEPTEMBER 14

FRIDAY MORNING

AABP GENERAL SESSION
Moderator: Mark Hilton

8:00 – 9:00 am
Staying Healthy to Be Indispensable for the Long-Term: A Physical Therapist's Perspective
Scott Uhlenhake

9:00 – 10:00 am
Becoming Indispensable by Using “Systems Thinking” to Tackle Challenging and Complex Problems in Practice
John Groves

10:45 – 11:15 am
It May be the Veterinarian’s Practice, but it’s Our Business!
Mark Gardiner

11:15 – 12:15 pm
Disaster: Catastrophe or Opportunity?
Randall Spare/Mark Gardiner

PRACTICE MANAGEMENT
Moderator: David Welch

8:00 – 9:15 pm
Getting from Strategy to Success: Evaluating, Developing and Implementing New Opportunities in Practice
Brian Reed

9:15 – 10:00 am
Let Data Driven Decisions Put You in the Driver’s Seat with Your Clients – Sarah Giebel

10:45 – 11:30 am
How I Became Indispensable by Mentoring New Associates and Implementing New Technology
Keelan Lewis

11:30 – 12:15 pm
One ... Two... Three Little Doctors Making a Big Impact!
David Walton

RESEARCH SUMMARIES
8:00 am – 12:15 pm

AASRP SMALL RUMINANTS
Moderator: Ann Goplen

8:00 – 9:00 am
Camelid 101 – What You Always Wanted to Know But Were Afraid to Ask – Pam Walker

9:00 – 10:00 am
Common Field Problems for Camelids – Pam Walker

10:45 – 12:15 pm
Paula Menzies

FRIDAY AFTERNOON

BEEF SESSION
Moderator: Arn Anderson

1:45 – 2:00 pm
Cattle Production Veterinarian Hall of Fame – Beef

2:00 – 2:45 pm
Expanding the BSE to Become Indispensable – Chance Armstrong

2:45 – 3:45 pm
Finding the Herd Problem in the Single Case – Meredyth Jones

4:15 – 5:00 pm
“I’m Not Positive That’s a Positive”; Become Indispensable by Knowing How to Choose, Interpret and Incorporate Diagnostic Testing in Bovine Practice – David Smith

Join us FRIDAY in the Exhibit Hall For Your MILK/COFFEE BREAK
10:00 – 10:45 am
3:45 – 4:15 pm

The 51st Annual Conference of the American Association of Bovine Practitioners
SCIENTIFIC SESSIONS BY DAY

5:00 – 5:45 pm
Ultrasound Beyond Reproduction: What I Can Do in Practice
Sébastien Buczinski

RESEARCH SUMMARY

1:45 – 6:00 pm

DAIRY SESSION
Moderator: Jessica McArt

1:45 – 2:00 pm
Cattle Production Veterinarian Hall of Fame – Dairy

3:00 – 3:45 pm
The Influence of Milk Solid Nutrition on Calf Health
Michael Ballou

Moderator: Blake Nguyen

4:15 – 5:15 pm
How Can We Help Control Gastrointestinal Diseases in Neonates? – Michael Ballou

5:15 – 6:00 pm
Genomic Testing – What Can We do with this Information and How Can We Develop Strategies to Help Herds Be More Profitable?
David Erf

AASRP SMALL RUMINANTS
Moderator: Ann Goplen

1:45 – 2:45 pm
Practical Fluid Therapy and Blood Transfusions for Camels
Pam Walker

2:45 – 3:30 pm
Tales from the Grave – Improving the Job We Do on On-farm Adult Sheep and Goat Postmortems
Paula Menzies

AASRP RESEARCH SUMMARIES

4:15 – 6:00 pm

9TH ANNUAL AABP STUDENT QUIZ BOWL
Friday, September 14
Finals will be held in the Exhibit Hall

SATURDAY, SEPTEMBER 15

Clinical Forums 2*
(fee required, see page C3)

7:00 – 9:00 am

6 Becoming Indispensable by Making What Really Matters
Franklyn Garry

7 Becoming Indispensable by using “Systems Thinking” to Tackle Challenging and Complex Problems in Practice
John Groves

8 Strategic Use of Diagnostic Tests in Cattle Populations
Dave Smith

9 Productivity Pay Allows Flexible Schedules to Fit Your Life – Mark Hardesty

10 Tools for Better Talkin’; Engaging Audiences Large and Small with Effective Speaking Skills – Morgan McArthur & Mark Hilton

Moderator: Tom Portillo

9:00 – 10:00 am
Practical Approach and Outlook Regarding Animal Welfare Concerns Related to Beef Feedlot Production
Michelle Calvo Lorenzo

10:30 – 11:30 am
Comparative Evaluation of Chute Side Diagnostic Modalities for Bovine Respiratory Disease
Jason Nickell

DAIRY SESSION
Moderator: Gabe Middleton

8:00 – 9:00 am
Becoming Indispensable: Precision Dairy Technology is Here to Stay (part 1)
Marcia Endres

9:00 – 10:00 am
Precision Dairy Technology (part 2)
Marcia Endres

10:30 – 11:15 am
Thoracic Ultrasound to Monitor Lung Health and Assist Management Decisions in Preweaned Dairy Calves – Terri Ollivet

Moderator: Arn Anderson

8:00 – 9:00 am
Using Evidence-Based Medicine Approach for Feedlot Health Management – Eric Behlke

RESEARCH SUMMARIES

1:45 – 6:00 pm

AASRP RESEARCH SUMMARIES

4:15 – 6:00 pm

Join Us
SATURDAY
For Your MILK/COFFEE BREAK
10:00 – 10:30 am

The 51st Annual Conference of the American Association of Bovine Practitioners
The 51st Annual Conference of the American Association of Bovine Practitioners

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SCIENTIFIC SESSIONS BY DAY

STUDENTS/NEW GRADUATES
Moderator: Renée Dewell
9:00 – 10:00 am
Field Necropsy – Wisdom from the Trenches
Brian Warr & Elizabeth Homerosky
10:30 – 11:30 am
Communications and Cultural Awareness – How not to “Step in It”
Erick Behlke & Noa Roman-Muniz

SATURDAY AFTERNOON

BEEF SESSION
Moderator: Tom Portillo
2:45 – 3:45 pm
Nutritional Management Between Health and Performance
Trent Fox
3:45 – 4:45 pm
Antimicrobial Stewardship Considerations in Beef Production
Virginia Fajt

DAIRY SESSION
Moderator: Callie Willingham
2:45 – 3:45 pm
Dairy Welfare Audits
Speaker TBD
3:45 – 4:45 pm
The Veterinarian’s Role in Ensuring Top Animal Care: A Partnership with the FARM Animal Care Program – Emily Yeiser Stepp

STUDENTS/NEW GRADUATES
Moderator: Renée Dewell
2:30 – 3:30 pm
Staying Healthy – Tips from a Physical Therapist
Scott Uhlenhake
3:30 – 4:45 pm
Becoming Invaluable by Carving out a Unique Niche in Your Practice
Michelle Borek & Keelan Lewis

PRACTICE TIPS
Moderator: Mark Hardesty
5:00 – 5:10 pm
Persistence, Personality and Positivity – How to Make Your Niche Work – Michelle Borek-Stine
5:10 – 5:20 pm
Show me the Money, Making Milk Quality Indispensable to your Clients and your Practice – Brandon Treichler
5:20 – 5:30 pm
Flying Solo in the Wild West of Ohio – Adding Value to an Underserved Area – Em Mowrer
5:30 – 5:40 pm
The Dispensable Vet Box – Keelan Lewis
5:40 – 5:50 pm
The IncrediBULL Testing Trailer – Meredyth Jones
5:50 – 6:00 pm
Calf Restraint, Cow Restraint and a Calf Jack That Fits in Your Pocket – Judd Videto

HOSPITALITY

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.
We Have a Mountain of Tips For You!

Saturday, September 15, 2018
Moderator: Mark Hardesty

Let your practice ascend to the top with these great tips!

5:00 - 5:10 pm
Michelle Borek-Stine
Persistence, Personality and Positivity – How to Make Your Niche Work

5:10 - 5:20 pm
Brandon Treichler
Show me the Money, Making Milk Quality Indispensable to your Clients and your Practice

5:20 - 5:30 pm
Em Mowrer
Flying Solo in the Wild West of Ohio – Adding Value to an Underserved Area

5:30 - 5:40 pm
Keelan Lewis
The Dispensable Vet Box

5:40 - 5:50 pm
Meredyth Jones
The Incredibull Testing Trailer

5:50 - 6:00 pm
Judd Videto
Calf Restraint, Cow Restraint and a Calf Jack That Fits in Your Pocket
THESE AABP SPEAKERS WILL HELP YOU
BECOME INDISPENSABLE!
WELCOME RECEPTION

Kick off the conference in the Desert Southwest and meet up with peers and colleagues.

Enjoy a buffet of heavy appetizers while you mix and mingle and prepare for a great conference!

Wednesday, Sept. 12
6:00 – 9:00 pm
Phoenix Convention Center

Boehringer Ingelheim

Cattle First.

Breakfast with a Bovine Twist

THURSDAY, SEPTEMBER 13
6:30 - 7:45 AM

Detecting and Breaking Abnormal/Normal Paradigms: The Art & Science of Feeding for Health and Immune Resilience

Sam Barringer, DVM, Diamond V

SPONSORED BY:

Diamond V

The Trusted Experts in Nutrition & Health

OPEN TO ALL AABP ATTENDEES
Preregister for Breakfast (no charge) when you Register for the Conference
You are invited to the 11th Annual General Meeting of the CABV/ACVB

Thursday, September 13 • 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!

Join other CABV/ACVB members from across the country for a social sponsored by Vetoquinol on Friday, September 14 from 8:00 – 10:00 pm. Watch for further details!

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.

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

2018 Student Reception

Students! Mix, mingle and meet fellow students from other veterinary schools along with AABP leadership and other invited guests!

Sheraton Grand Phoenix • Valley Overlook Space
Thursday, September 13, 2018 • 9 pm – 12 am
9th Annual Amstutz Scholarship Auction and Dinner

Friday, September 14, 6:00 - 9:00 pm
Location: Phoenix Convention 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 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.

Sponsored by: zoetis
BE OUR GUEST FOR A TASTE OF THE SOUTHWEST

Enjoy an evening with your colleagues after the conference as you explore fine Southwestern cuisine.

Saturday, September 15 • 6:00 PM – 9:00 PM • Phoenix Convention Center

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.
Tour 1  Wednesday, September 12, 2018  
Desert Botanical Garden and Heard Museum Tour  
Time: 4 hours  Cost: $90  
Pickup: 8:00 am at Phoenix Convention Center

Two of the Southwest’s most unique visitor attractions, the Heard Museum and the Desert Botanical Garden, provide an informative and interesting insight into the diversity of the land and the resourcefulness of its native people. The Heard Museum is the Native American Cultural Center of the Southwest, renowned for its collections of Native American artifacts and famous Kachina Doll collection. The gift shop is the best spot in town to purchase authentic Native American crafts. The next stop will be the Desert Botanical Garden, featuring over 20,000 desert plants of the Sonoran Desert and other arid regions of the world. Stroll along the winding paths as your guide tells tales of the Saguaro cactus, “jumping” cholla, etc. Make sure to browse the Garden Gift Shop! Tour includes roundtrip transportation, admission fees, guides and bottled water.

Tour 2  Thursday, September 13, 2018  
Phoenix Zoo  
Time: 3.5 hours  Cost: $70  
Pickup: 8:30 am at Phoenix Convention Center

Voted as one of the nation’s top five zoos for kids, the Phoenix Zoo is a great family destination. Located in the heart of the Valley of the Sun, the zoo offers an array of activities including camel rides, safari trains, petting zoo, animal encounters, Monkey Village and Stingray Bay. Make sure to allow time for the gift shop to take home a memento from your visit! This tour includes roundtrip transportation, admission fees and bottled water.
**Tour 3**  
**Friday, September 14, 2018**  
**Arabian Ranch Tour**  
**Time:** 4 hours  **Cost:** $70  
*Pickup: 9:00 am at Phoenix Convention Center*

Scottsdale is home to a large population of the finest breed of horses.....the Arabian! Tour one of our famous ranches and witness state-of-the-art training facilities. Observe the magnificent animals being groomed and exercised, learn their history and breeding techniques, and marvel at a full Arabian Horse Show! This tour includes roundtrip transportation, a guided tour of paddocks and stables, and bottled water.

**Tour 4**  
**Saturday, September 15, 2018**  
**Valley Highlights Tour**  
**Time:** 4 hours  **Cost:** $50  
*Pickup: 9:00 am at Phoenix Convention Center*

This half-day tour is the perfect indoctrination to the Valley of the Sun. A knowledgeable guide will provide a historic narrative of downtown Phoenix, Heritage Square, Camelback Mountain, the town of Paradise Valley, the Wrigley Mansion, Tempe (home of Arizona State University) and Scottsdale. Panoramic vistas of the expansive Valley of the Sun will be enjoyed as your group learns of our rich heritage and cultural influences. There will be some time for shopping, if desired. This tour includes roundtrip transportation and bottled water.
Can’t get to every session you want at the AABP Annual Conference?

Don’t worry! All sessions will be recorded and housed by the Beef Cattle Institute at Kansas State University. And the best part for AABP members? All of the presentations are available for FREE certified continuing education credits!

Not only can members access the 2018 conference presentations, but also presentations from 2015-2017 conferences, including the 2018 AABP Recent Veterinary Graduate conference that was held in February.

Log onto the website at www.aabp.org and go directly to http://aabp.org/members/cont_ed.asp, or on the home page click on the BCI logo.
VISIT THE EXHIBITS!

Phoenix Convention 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 2018 exhibitors under the Conference tab at www.aabp.org.

AABP  
Acon Laboratories  
Acumen Detection  
Addison Biological Laboratory, Inc.  
Advanced Animal Diagnostics, Inc.  
AgriLabs  
Allflex USA, Inc. / Destron Fearing  
Animax Veterinary Technology  
AVMA PLIT  
Balchem Corp.  
Bayer Animal Health  
BCF Technology  
BEEF and FEEDSTUFFS  
BioControl North America  
Bio-Vet  
Boehringer Ingelheim  
Vetmedica, Inc.  
Bovine Veterinarian  
Bowie International LLC  
Cattle Stats, LLC  
Central Life Sciences  
Christian Veterinary Mission  
Colorado Serum Company  
Dairy Records Management Systems  
Dairy Records Management Systems  
Dairy Tech, Inc.  
Daniels Manufacturing Co.  
DHI Computing Service, Inc.  
Diamond V  
Draminski S.A.  
E I Medical Imaging  
Elanco Animal Health  
Elsevier  
Endovac Animal Health  
Genova Labs  
GlobalVetLINK  
Hardy Diagnostics  
Henry Schein Animal Health  
Hoard’s Dairyman  
IDEXX Laboratories, Inc.  
ImmuCell Corporation  
IMV Technologies  
In Vitro Frontiers  
Jorgensen Laboratories  
Kansas State Veterinary Diagnostic Lab  
Kestrel Environmental Weather Meters  
Kunafin  
La Belle, Inc  
Lallemand Animal Nutrition  
Land O’ Lakes Animal Milk Products Co.  
Lane Manufacturing Inc.  
Merck Animal Health  
Midwest Veterinary Supply  
Midwestern University College of Veterinary Medicine  
MISCO Refractometer  
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 Biomedical  
Nova Vive Inc.  
Omnin Animal Health  
Partnar Animal Health  
PETS  
PharmGate Animal Health  
Phibro Animal Health Corporation  
Phileo  
PortaCheck  
PowerFloat  
Progressive Publishing  
Ramaekers Nutrition  
ReproScan, LLC  
R TI LLC  
SireMaster  
Stone Mfg. & Supply Co.  
STUART PRODUCTS, INC.  
TechMix LLC.  
Texas A&M Veterinary Medical Diagnostic Laboratory  
The Magic Zoo  
The Saskatoon Colostrum Company Ltd.  
Trouw Nutrition  
Tru-Test, Inc.  
Udder Health Systems, Inc  
Udder Tech, Inc.  
University of Minnesota College of Veterinary Medicine  
Upsi-Daisy Cow Lifters  
Valley Agricultural Software, Inc.  
Van Beek Natural Science Veterinary Concepts  
Vetoquinol  
Vettec  
VMRD  
Zinpro Performance Minerals  
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 51ST ANNUAL CONFERENCE.