OMAHA IS A VETERINARIAN’S DREAM CITY. Where else can you explore the world’s largest indoor rain forest, the world’s largest indoor desert, and the world’s largest nocturnal exhibit all in one place? Omaha’s Henry Doorly Zoo is a giant in the conservation world. Its Molecular Genetics Department has discovered more than 20 new species of lemur. The Reproductive Physiology Department maintains a bank of over 18,000 frozen reproductive cells and has been part of a team that produced the first test-tube gorilla as well as the first artificially inseminated test-tube tigers. See rare white tigers, fossa, and the critically endangered western lowland gorilla, among hundreds of other fascinating animals—the zoo is an amazing place of discovery.

For the animal in you—tame or wild—Omaha’s Old Market District is a great place to walk around. With over 40 restaurants and bars, it is the true merging of old and new. The historic Warehouse District was preserved and transformed into the city’s art, shopping, and dining neighborhood. Unique shops, art galleries, and restaurants line cobblestone streets and are within walking distance of the Convention Center and downtown Omaha hotels.

During your free time, enjoy taking a walk on Bob! The Bob Kerrey Pedestrian Bridge is one of the longest pedestrian bridges in the world. This one-of-a-kind suspension bridge is art over water. On a beautiful September day or night, the bridge is a great way to enjoy Omaha’s riverfront. The Heartland of America Park offers gondola rides around a spectacular fountain, again, all within walking distance of the Convention Center and hotels.

For your family, Omaha is filled with endless things to do. Top attractions are marked with Giant Push Pins, making them fun and easy to find. In addition to the world renowned and captivating zoo, Omaha is home to one of the largest children’s museums in the United States.

Experiment with the museum’s enormous Gravitron Ball, or let the kids discover their inner scientist! Hop on board a historic train car, see rare coins from ancient times, or grab an old-fashioned phosphate at the Durham Museum, Omaha’s restored train station. Find beauty and tranquility at Lauritzen Gardens. Omaha’s botanical center features more than 100 acres of lush gardens and rare flowers—a perfect place to spend the morning or afternoon.

Above all, we want you to have a good time and enjoy your stay in Omaha. If there is anything you need, just ask. We will be more than happy to help.

At the conference you can attend the most up-to-date, worthwhile sessions on Beef, Cow-Calf, Dairy, Feedlot, and General cattle topics. Regardless of your interests, you will return to your practice with information that will make you an even better bovine practitioner. New in 2009, the Veterinary Technician Program will comprise 2 full days of sessions on Friday and Saturday—both veterinarians and veterinary technicians are invited to attend.

We again welcome the American Association of Small Ruminant Practitioners, which will meet jointly with the AABP in Omaha. All registrants will be able to attend sessions scheduled throughout the week as part of the AABP and AASRP shared agendas … ideal for the mixed animal practitioner.

In addition to the main program of scientific sessions, Practice Tips, Research Summaries, Student Case Presentations, and Scientific Posters will be presented at the Qwest Center Omaha Convention Center. We’ll see you there.

Richard Wallace, AABP President
Roger Saltman, Program Chair
Doug Hostetler and John Schnackel, Local Arrangements Coordinators
Mission

The AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS is an international association of veterinarians organized to enhance the professional lives of its members through relevant continuing education that will improve the well-being of cattle and the economic success of their owners, increase awareness and promote leadership for issues critical to cattle industries, and improve opportunities for careers in bovine medicine.

Program Committee

Program Chairman........................Roger Saltman
Seminar Coordinator..................Christine Navarre
General Sessions Coordinator........Virginia Fajt
AASRP Coordinator..................Jim Fallen
Dairy Sessions Coordinator..........Greg Goodell
Feedlot Sessions Coordinator........Tom Noffsinger
Cow-Calf Sessions Coordinator.......Kip Lukasiewicz
Student Case Presentations Coordinator..................Israel Isenberg
Student Sessions Coordinator.........Israel Isenberg
Veterinary Technician Coordinator..................................................John Day
Practice Tips Coordinator..................Nick Chuff
Research Summaries Coordinators........Dan Givens, Terry Lehenbauer
Poster Sessions Coordinators........Dan Givens, Terry Lehenbauer
Clinical Forums Coordinator........Roger Saltman
Local Arrangements Coordinators.....Doug Hostetler, John Schnackel
Exhibits Manager.........................Charlie Hatcher
Audiovisual & Technology Coordinator..........................Steve Johnson
Editor ..............................................Bob Smith

Officers

President ............................Richard Wallace
President-Elect ......................Roger Saltman
Vice President ...................Christine Navarre
Past President...........................Mike Bolton
Executive Vice President.............Gatz Riddell
Treasurer ....................................Brian Reed

Directors

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District 4 ..............................Richard Wiley
District 5 .............................Glen Johnson
District 6 .............................Bill Seglar
District 7 ..............................Shawn Blood
District 8 .............................Glenn Rogers
District 9 ...........................John Schnackel
District 10 ..........................Stephen Smalley
District 11 ............................Scott Waltner
District 12 ..........................Guy Boisclair
District 13 ...........................Egan Brockhoff

REGISTRATION OPTIONS

You can preregister easily and securely at aabp.org. This booklet contains all of the details you need as well as forms you can use to preregister by US Mail or fax if you prefer (see center section).

YOUR SCHEDULE IN OMAHA

When you pick up your registration packet in Omaha, you will receive an easy-to-follow AABP 2009 Pocket Guide showing conference dates, times, locations, and special-event reminders in grid format. Your Guide clearly indicates what is happening during every hour of every preconference and conference day and where. You can also preview the conference agenda this summer on the AABP website (aabp.org).

QUESTIONS

For questions about the conference, send an email message to AABP Headquarters at aabphq@aabp.org or call the office in Auburn, Alabama, at 334-821-0442 or toll free: 800-269-2227.

AABP Registration Refund Policy

Refund requests received before August 26, 2009, qualify for a 100% refund. Refund requests received after August 26 and before September 9 qualify for a 50% refund. Refund requests received after September 9 will be reviewed on a case-by-case basis but may not be eligible for a refund.
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12:00-1:30pm

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*Details, including times, titles, and presenters of the Research Summaries and Posters, will be published in the August 2009 AABP Newsletter and in the on-site AABP Pocket Guide that all attendees will receive at registration. Similar information will be available on the AABP website (aabp.org) on or before August 1. Research Summaries are presented on Thursday, Friday, and Saturday. Posters are presented Thursday and Friday, with access to the presenters on Friday, September 11, from 12:00-1:00pm.*

Page numbers preceded by “C” are located in the center Registration Forms section. A map of Omaha, showing hotel locations and transit, is located on page C6.
LOCATION

Scientific sessions, seminars, exhibits, posters, and other scheduled activities of the 42nd Annual Conference will be held at the Qwest Center Omaha, 455 N. 10th Street, Omaha, NE 68102; phone: 402-341-1500. Some preconference seminars will be held at the Hilton Omaha, 1001 Cass Street, Omaha (adjacent to the Qwest Center).

REGISTRATION

Tuesday-Saturday
Qwest Center Exhibit Hall Level
(Ground Floor—Show Office A-B)

Tuesday, Sept. 8.................7:00am-5:00pm
Wednesday, Sept. 9..........7:00am-5:00pm
Thursday, Sept. 10..........7:00am-5:00pm
Friday, Sept. 11..........7:00am-5:30pm
Saturday, Sept. 12..........7:00am-5:00pm

TRAVEL INFORMATION & RESERVATIONS

AABP TRAVEL AGENCY

TRAVEL MATTERS in Schaumburg, Illinois, is handling travel arrangements for the 2009 AABP Conference.

Ms. Jackie Galarza is the primary contact, but any staff answering the phone at Travel Matters will be ready to assist you.

TO CONTACT TRAVEL MATTERS

Call the toll-free WATS line, 800-733-4180, or 847-397-4488. Or make your travel request by email: travel@travelmatters.net. Or fax your request to 847-397-8930. Requests by mail should be directed to Travel Matters, 1821 Walden Office Square #107, Schaumburg, IL 60173.

Airfare Discounts

Special airfare discounts have been arranged with American Airlines, which is offering 5% off the lowest applicable fare with a 60-day advance ticket purchase. The qualified travel dates are September 4 through September 18, 2009.

Best Airfares

To obtain the best airfares, make reservations early. Staying over a Saturday night may reduce the ticket cost. Special zone fares have been negotiated for AABP travelers who cannot include a Saturday night stay; in most cases zone fares are lower than lowest applicable fares. Travel Matters 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 Travel Matters earn credits for the AABP. If you book through your own travel agent, please obtain booking instructions from Ms. Jackie Galarza at Travel Matters so that AABP receives these credits. If you call American Airlines directly, you will need to supply the appropriate meeting network information, which is available from Travel Matters. (AABP does not receive credits for online travel bookings, as there is no provision online for the proper documentation.)
ACCOMMODATIONS

Hotel accommodations should be arranged through the Visit Omaha Housing Bureau. Each of the following hotels has been selected by AABP and offers discounted rates through the Housing Bureau until August 12, 2009. Reservation changes/cancellations until August 19 can be made by calling Visit Omaha toll-free: 866-937-6624. Contact hotels directly after August 19.

Reservations are processed through the Visit Omaha Housing Bureau website 24 hours a day, 7 days a week, at visitomaha.com/housing. The Housing Bureau is unable to process reservations over the phone. Please call the Omaha Convention & Visitors Bureau (CVB) 8:00am-4:30pm CST, Monday through Friday at 866-937-6624 only if you have a question, need to cancel, or need to change an existing reservation. You may also email the Omaha CVB at jkirk@visitomaha.com.

Headquarters Hotel
Hilton Omaha
1001 Cass Street
Omaha, Nebraska
402-998-3400

Other Hotels
Courtyard Marriott Omaha
101 South 10th Street
Omaha, Nebraska
402-346-2200

Doubletree Hotel Omaha—Downtown
1616 Dodge Street
Omaha, Nebraska
402-346-7600

Embassy Suites Omaha—Downtown/Old Market
555 South 10th Street
Omaha, Nebraska
402-346-9000

Hilton Garden Inn Omaha Downtown/Old Market
1005 Dodge Street
Omaha, Nebraska
402-341-4400

The Hilton headquarters hotel is across the street from the Qwest Center Omaha, and all conference hotels are within walking distance of the Qwest Center Omaha.

See hotel descriptions online at aabp.org or in the center section of this booklet, page C2. Make reservations online or use the form on page C3.

EXHIBITS

Qwest Center Omaha
Exhibit Level Halls A & B
Thursday, Sept. 10......9:00am-7:00pm
Friday, Sept. 11.........9:00am-4:00pm

The Exhibit Hall offers excellent opportunities to meet with and purchase from providers of biologics, pharmaceuticals, equipment, and services applicable to cattle and small ruminant practice. Your Guide to the Exhibitors, which you will receive in Omaha, features a detailed floor plan plus exhibitor telephone and fax numbers, email addresses, and websites for your convenience after the conference. Food service will be available in the Exhibit Hall during milk/refreshment breaks and at lunchtime on Thursday and Friday.

A “Come Join Us” Buffet Reception, sponsored by the AABP exhibitors, will be held in the Exhibit Hall from 5:15 until 6:45pm on Thursday, September 10. Veterinarians, guests, sponsors, and exhibitors can get together for a light meal and lively conversation followed by the Opening Ceremony and featured Practice Tips.

“Bovine Bucks” valid toward the price of a beverage and a variety of luncheon items will be given to each registered veterinarian and veterinary technician for use during the Thursday and Friday lunch breaks in the Exhibit Hall. Thursday’s “Bucks” are courtesy of Pfizer Animal Health. Friday’s “Bucks” are courtesy of Intervet/Schering-Plough Animal Health.

BEEF UP YOUR BIDS! THE AABP SILENT AUCTION to Benefit the Amstutz Student Scholarship Fund

Bidding Opens Thursday 9:00am
Closes Friday 5:00pm

Sought-After Auction Items on Display in the Exhibit Hall During Exhibit Hours

Auction Bidding Now Open Online aabp.org/auction/silent.asp

THE 42ND ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS
MEETINGS, MEALS, & RECEIPTIONS

AABP BUSINESS MEETING & AWARDS LUNCHEON
Saturday, Sept. 12
11:30am-2:00pm
Preregister for the luncheon when you register for the conference (no charge).
Sponsored in part by Alpharma

MEETINGS, MEALS, & RECEIPTIONS

AABP BUSINESS MEETING & AWARDS LUNCHEON
Saturday, Sept. 12
11:30am-2:00pm
Preregister for the luncheon when you register for the conference (no charge).
Sponsored in part by Alpharma

All conference registrants are encouraged to attend! Admission to the meeting and luncheon is included in your registration fee.

AABP BOARD OF DIRECTORS MEETINGS
Wednesday, Sept. 9
7:00am-5:00pm
Thursday, Sept. 10
7:00-9:00am, 12:00-1:30pm
(Media Luncheon)
Friday, Sept. 11
7:00-9:00am, 12:00-1:30pm
Saturday, Sept. 12
7:00-9:00am

2ND ANNUAL AABP JOB FAIR
NEW DAY! NEW TIME!
Friday, Sept. 11 6:00-9:00pm
Qwest Center Omaha
Veterinary students and practitioners head for the 2nd Annual AABP Job Fair to meet informally about externships or potential employment. Students at any stage of the academic curriculum are welcome to discuss opportunities with hiring veterinarians and vice versa. A private setting enables one-on-one contact between veterinarians with positions available and job-seeking students.

AABP-L (LISTSERV) & NEW MEMBER RECEPTION
Thursday, Sept. 10 8:00 am
Moderator: Aurora Villarroel
AABP members stay up-to-date, get answers to questions, and provide information to fellow practitioners through the AABP-Listserv. This casual session enables AABP-L-ers to meet in person. Discussions are informal but always informative. AABP will provide beverages and pastries ... come meet new AABP members, talk to other Listserv users, and learn about AABP-L.

AASRP-ABVP BREAKFAST
Saturday, Sept. 12
7:00-8:00am
Co-sponsored by the American Board of Veterinary Practitioners

ABVP CERTIFICATION WORKSHOP
Friday, Sept. 11
12:00-1:30pm
Please pick up your lunch in the Exhibit Hall and bring it with you to the workshop.

ABVP DIPLOMATE LUNCHEON
Thursday, Sept. 10 12:00-1:30pm

BREAKFAST WITH A BOVINE TWIST
Metabolic Indicators of Transition Cow Health & Factors That Influence Them
Featuring Todd Duffield, DVM, DVSc
Friday, Sept. 11
6:30-7:45am
Open to All AABP Attendees
Preregister for the luncheon when you register for the conference (no charge).
Sponsored by Diamond V

“Bovine Bucks” are provided on Thursday by Pfizer Animal Health and on Friday by Intervet/Schering-Plough Animal Health.

CABV-ACVB 2nd Annual General Meeting
Thursday, Sept. 10
12:30-1:15pm
The Canadian Association of Bovine Veterinarians/Association Canadienne des Vétérinaires Bovins will hold its second annual meeting during the AABP Conference. Pick up your lunch and join the group. Also see page 31.
CHRISTIAN VETERINARY MISSION BREAKFAST
Saturday, Sept. 12
6:30-7:45am
Fee: $15.00 • Register Online or on Conference Registration Form (“2009 Events & Tours”)

COMMITTEE CHAIRPERSONS BREAKFAST
Thursday, Sept. 10
6:30-8:30am

INTERNATIONAL MEMBERS RECEPTION
Thursday, Sept. 10
8:00-9:00am

ISSUES FORUMS
Thursday, Sept. 10
9:00-10:30am
Hosted by AABP Committees

What are other practitioners thinking? Express your interests and concerns and hear theirs. Participate in informal discussions on these topics of importance to all bovine practitioners (any AABP member can attend any Forum):
- Animal Welfare
- Beef Production Management
- Biological Risk Management & Preparedness
- Bovine Respiratory Disease
- Food Quality, Safety, & Security
- Information Management
- Lameness
- Membership
- Milk Quality & Udder Health
- Nutrition
- Pharmaceutical & Biological Issues
- Reproduction

PROGRAM COMMITTEE
Wednesday, Sept. 9 ...............5:30pm
Thursday, Sept. 10 ...............5:00pm
Friday, Sept. 11 ...............5:00pm
Location: AABP Registration Desk
NOTE: A Program Committee member who is unable to attend is asked to send a moderator or representative in his/her place.

FACULTY REPRESENTATIVES, FOOD ANIMAL EDUCATORS, & EXTENSION VETERINARIANS BREAKFAST
Friday, Sept. 11 6:00-9:00am

STUDENT RECEPTION
Thursday, Sept. 10
9:00pm
Sponsored by Elanco

For the 15th year, the AABP Board of Directors and Elanco will jointly host a reception for all AABP student members present at the conference. Students, faculty, and AABP Board members will gather after the Opening Ceremony and Practice Tips at a local Omaha establishment for beverages and snacks plus friendly conversation.

INTERNET CAFÉ (Exhibit Hall)
During Exhibit Hours
Thursday, Sept. 10  9:00am-7:00pm
Friday, Sept. 11 9:00am-4:00pm
Sponsored by Elanco

LUNCH “BUCKS”
All AABP registrants will receive “Bovine Bucks” vouchers (each a $12 value) applicable toward the price of a beverage and a variety of luncheon items in the Exhibit Hall on Thursday and Friday. These vouchers are sponsored by Pfizer Animal Health (Thursday) and Intervet/Schering-Plough Animal Health (Friday). Exchange the tickets in your registration packet at each sponsor’s Exhibit Hall booth to obtain your vouchers.

HOSPITALITY ROOM
Thursday, Sept. 10-Saturday, Sept. 12
9:00am-5:00pm
Attendees registered in the “Accompanying Person” category are welcome to enjoy the Hospitality Room from Thursday through Saturday.

CONFERENCE SERVICES

SPEAKER READY ROOM
Wednesday, Sept. 9-Saturday, Sept. 12
8:00am-5:00pm

NEW DAY & TIME!
MEET UP TO TALK FUTURE
2ND ANNUAL AABP JOB FAIR WELCOMES EMPLOYERS & JOB SEEKERS
Friday Evening
6:00-9:00pm
Qwest Center

Potential matches ... golden opportunities.

Calling all large animal veterinary students—any year—and practitioners with open positions. AABP’s Job Fair offers the time and private setting. You provide the introductions.
PRACTICE TIPS FOR SPEED, SUCCESS, & STAYING DRY

Thursday, September 10 • Following the Opening Ceremony at 7:00pm
Moderator: Nick Chuff

Learn how you can make good decisions faster and take advantage of today’s most advanced medicine ... and rain gear! Whether you’re a young or young-at-heart practitioner, take home sensible advice from five respected colleagues who understand the challenges of food animal practice in 2009.

8:00-8:10pm
Comparison of Kool Dri® & Flexothane® Rainwear
Kelvin Pierce, Ranch Veterinarians, LLP, Heuvelton, New York

8:10-8:20pm
Intramedullary Resuscitation of Hypothermic, Hypovolemic Calves
David Anderson, Kansas State University College of Veterinary Medicine, Manhattan, Kansas

8:20-8:30pm
Quick Cancer Eye Surgery
Mark Hilton, Purdue University School of Veterinary Medicine, West Lafayette, Indiana

8:30-8:40pm
Colpotomy Procedures (Ovariectomy, Mummectomy, & Foreign Body Removal)
Maarten Drost, University of Florida College of Veterinary Medicine, Gainesville, Florida (retired)

8:40-8:50pm
Speed Tips: Classics for New Grads & a Few That Might Surprise the Old Guard
Lowell Midla, The Ohio State University College of Veterinary Medicine, Marysville, Ohio

WELCOMING RECEPTION

Wednesday, Sept. 9
6:00-8:00pm
Hosted by the AABP Program Committee
Sponsored by Bayer Animal Health

Here’s the easy way to discover everything you need to know about Omaha and the Qwest Center Omaha! Plan your conference calendar while you visit with colleagues. Members of the AABP Program Committee will be present to describe the 2009 program. This reception makes an ideal spot for your Wednesday night dinner! Stop by the cash bar. Tea and water will be provided at no charge. Come find out what the 42nd Annual Conference promises you!

“JUST DESSERTS” RECEPTION

Wednesday, Sept. 9
8:00-9:00pm
Sponsored by Merial

Wind up your Wednesday welcome with a tasty dessert party after the Welcoming Reception. Enjoy a sweet selection of delightful desserts! You’ll learn who’s won the 2009 Milk Quality Award, too.

“COME JOIN US” FOR DINNER

Thursday, Sept. 10
5:15-6:45pm
Location: Qwest Center Omaha
Sponsored by the AABP Conference Exhibitors

Every AABP Registrant is invited for great conversation and a pleasant dinner in the Exhibit Hall before the Opening Ceremony and Practice Tips, which begin at 7:00pm.
FRIDAY EVENING AUCTION & DINNER

Amstutz Scholarship Auction & the AABP Foundation/Pfizer Animal Health Scholarship Awards
Friday, Sept. 11
6:00-9:00pm
Location: Qwest Center Omaha
Sponsored by Pfizer Animal Health
The AABP Amstutz Scholarship Committee is hosting TWO benefit auctions at the annual conference. All proceeds from both auctions go to AABP’s premier Student Scholarship Program.

Sh-H-H ... SILENT

A SILENT AUCTION will be held during exhibit hours, with items on display and available for viewing and bidding in the Exhibit Hall from Thursday, September 9, at 9:00am to 4:00pm on Friday, September 11. AABP members can also place bids online through the AABP website (aabp.org/auction/silent.asp). Sample auction items include: products, use of vacation homes, clothing, art, tickets to sought-after entertainment events, and unique objects.

LIVELY ... LIVE

A LIVE AUCTION will be held simultaneously with the Friday Night Evening Dinner event. Each successful bidder will complete the purchase at the event and leave with the winning item. Can’t attend the conference? Place bids now at aabp.org/auction/live.asp.

Enjoy Substantial Hors d’oeuvres & Buffet Dinner on Friday

GONE for Scholarships!

LIVE & SILENT AUCTIONS BENEFIT AMSTUTZ SCHOLARSHIP FUND

Prepare to bid! The AABP Amstutz Scholarship Committee is sponsoring TWO benefit auctions at the annual conference. All proceeds from both auctions go to AABP’s premier Student Scholarship Program.

“MIDWEST AT ITS BEST” DINNER

Saturday, Sept. 12
6:00-9:00pm
Location: Qwest Center Omaha
Sponsored by Intervet/Schering-Plough Animal Health

Thanks to the continuing generosity of Intervet/Schering-Plough, there is no charge for this event, but tickets are limited to 700, first come, first served. Reserve tickets in advance online at aabp.org or use the printed 2009 Registration Form, page C5.

Get ready to enjoy a fabulous evening with your colleagues after the conference as you explore a buffet of Midwestern multicultural dishes that represent Omaha’s local cuisine.
LOCAL TOURS

Enrich Your Trip to Omaha

Explore the highlights of the Omaha metropolitan region while you’re in town!
Schedule one, two, or all three of the following tours on Thursday, Friday, and Saturday.

“MONKEY AROUND”: A DAY AT THE HENRY DOORLY ZOO*
Thursday, September 10
Duration: 9:00am-6:00pm
Fee: $50/person
Website: omahazoo.com

The Henry Doorly Zoo is an experience you’ll remember long after the conference. Explore a wide range of outstanding exhibits, including the Dairy World Complex; Bear Canyon; Hubbard Orangutan Forest; Pachyderm Hill’s elephants and rhinos; Desert Dome, world’s largest indoor desert; Lied Jungle, an indoor rainforest; Scott Aquarium’s 1.3 million gallons of salt water filled with marine life; Oven Sea Lion Pavilion; Cat and Giraffe Complexes; Little Australia; the Garden of the Senses, and so much more. The zoo also features interesting additional-fee options, such as an open-air Skyfari chairlift that transports passengers on a 20-minute trip above the exhibits ($4 round trip), a wildlife carousel sporting enamel-covered creatures ($2), and the Lozier IMAX® Theater showing Under the Sea 3D and Wild Ocean 3D on a screen 83 feet wide by 61 feet high (age-based pricing). A tram makes four stops within zoo grounds ($2 round trip), and a live steam train circles the zoo ($4 round trip). You can use Doorly Dollars, offered as part of your AABP tour package, to lunch in the TreeTops restaurant overlooking the rainforest or have a sandwich, chips, and lemonade while you picnic in designated areas located throughout the zoo grounds.

“EXPERIENCE OMAHA”: HISTORIC COUNCIL BLUFFS & LAURITZEN GARDENS*
Friday, September 11
Duration: 9:00am-6:00pm
Fee: $63/person
Websites: councilbluffsio.com, omahabotanicalgardens.org

Ride on an escorted luxury motor coach to key attractions in the Omaha-Council Bluffs metropolitan area. You’ll stop at Fairview Cemetery, with its Kinsman Civil War Memorial and resting site of Amelia Bloomer, the suffragette credited for popularizing women’s “bloomers.” Next you’ll visit historic Squirrel Cage Jail, a three-story Victorian Gothic brick structure built in 1885, with pie-shaped cells that rotate like a Lazy Susan so that a single jailer could guard many prisoners—one of only three such buildings in existence. Third, you’ll head to the Union Pacific Railroad Museum, a Beaux Arts-style building displaying one of the nation’s oldest corporate

*Details are also available at aabp.org, “Entertainment.” Register online or by using the AABP 2009 Conference Registration Form on page C5 under “2009 Events & Tours.”
collections. Memorabilia dates from the mid 1800s and is presented via many interactive exhibits. Last stop in the morning will be General Dodge House, the lavish, 3-story, 14-room Victorian home built in 1869 by General Grenville M. Dodge, a Civil War veteran who was dubbed the “greatest railroad builder of all time.” Lunch will be served in the mansion’s ballroom.

After lunch, you’ll travel to Lauritzen Gardens, a living display of unique four-season plantings maintained to the highest standards consistent with environmental stewardship. The gardens presently include the Arboretum and Bird Sanctuary; Children’s Garden; English Perennial Border; Festival and Founders Gardens; Garden in the Glen; Garden of Memories; Herb, Japanese, and Model Railroad Gardens; Peony and Rose Gardens; Song of the Lark Meadow; Victorian Garden; Woodland Waterfall; and Woodland Trail. Stop by the Visitor and Education Center, and browse the gift shop’s high-quality selections.

*Details are also available at aabp.org, “Entertainment.” Register online or by using the AABP 2009 Conference Registration Form on page C5 under “2009 Events & Tours.”

“SEE THE MAGIC CITY”: RIDE OLLIE THE TROLLEY & SHOP THE OLD MARKET DISTRICT*

Saturday, September 12
9:30-11:15am
(return transportation options)
Fee: $10/person
Website: oldmarket.com

Historic and culturally diverse South Omaha, also known as the “The Magic City,” awaits you! Founded in 1884 along with the creation of the Union Stockyards, by 1890 South Omaha was the fastest growing city in the United States, resulting in its “Magic” nickname. A patchwork of cultures merged as waves of immigrants flocked to the community to work in packing houses, breweries, smelting plants, and other businesses, which has given South Omaha a truly distinctive history. Your tour begins when Ollie the Trolley arrives at the Hilton with your very own guide who is passionate about South Omaha (often called “South O” by locals). See many historic landmarks, with nearly 30 on the National Register of Historic Places, and unique ethnic areas, such as Little Bohemia and Little Italy. At 11:15am you can return to the Qwest Center on Ollie for the AABP annual business meeting or hop off the trolley in the historic Old Market District to have lunch in one of 22 restaurants and shop in any of more than 65 retail stores. Stay in South O as long as you like, and return on foot (about a 6-block walk to the Convention Center) or by hotel shuttle at your leisure.

ANNUAL GOLF TOURNAMENT

Wednesday, September 9
Indian Creek Golf
3825 N. 202nd Street
Elkhorn, Nebraska
402-289-0900

Courses: Gray Hawk to Red Feather
First Tee-off: 9:00am
(anticipated completion 3:30pm)

Format: 2-Person Teams, Chapman System
Scoring
Cost: $100 (USD) Includes Transportation, Green Fee, Range Balls, Golf Cart, and Box Lunch
Transportation: Provided (details will be delivered to registered players by email/phone)
Last Date to Cancel: August 25

Find Course Information and Amenities at golfatindiancreek.com

Opened in 1992 to offer a first-rate public golf facility, Indian Creek Golf has been voted the “Best Public Golf Course in Omaha” by Omaha magazine. Its beautiful, peaceful, natural setting 16 miles from the city center features 27 championship regulation holes on 4 rye-grass golf courses. We’ll be playing the Gray Hawk course (nine holes) followed by the Red Feather course (nine holes). Gray Hawk has forgiving tees but demanding approaches. Spectacular Red Feather demands accuracy and length. Golfers are treated to the challenges of water, bunkers, tall cottonwood trees, and a bit of wind, testing precision and strength on many levels. Indian Creek Golf believes its mission is to “Awaken the Spirit.” Come awaken yours!

Register to play online at aabp.org or by using the AABP 2009 Conference Registration Form on page C5 under “2009 Events & Tours.”
8TH ANNUAL AABP
VETERINARY TECHNICIAN PROGRAM

HEADS-UP & HANDS-ON FOR VETERINARY
TECHNICIANS IN CATTLE PRACTICE

Introducing 2 Full Days of Learning & Doing
Friday, September 11 • 8:00am-5:30pm & Saturday, September 12 • 9:00am-4:00pm

A FIRST IN 2009! Count on 2 DAYS of lectures and complementary labs in areas that are decisive for large animal technicians. What you learn on Friday prepares you for in-depth, hands-on experience Saturday. Respected instructors offer training essential to your key role in cattle practice as well as precise techniques you can use the day you return.

DAY 1 • FRIDAY, SEPTEMBER 11
Necropsy & Photo Imaging
Bruce Brodersen
Assisting with Calvings
David Smith
Economics of Using Veterinary Technicians
Dave Calligan
Roundtable: Using Veterinary Technicians in Bovine Practice
Multiple Speakers
Biosecurity & HCAAP Protocols for the Veterinary/Veterinary Technician Team
Alicia Ewing
Critical Calf Care
Sheila McGuirk
Cattle Nutrition
Mark Hilton
Collection of Production Information for Integrated Range Management Programs
Mark Hilton

DAY 2 • SATURDAY, SEPTEMBER 12
WET LAB 1: Techniques in Necropsy & Photo Imaging
Bruce Brodersen
WET LAB 2: Assisting with Calvings
David Smith
WET LAB 3: Field Nutrition Techniques
Kevin Hoogendoorn

Veterinarians Are Also Welcome ...
Attend with Your Technician for Double the Impact

YOU’RE IN LUCK ... YOU’VE GOT BUCKS!

“Herd” about your Bovine Bucks?

Thanks to Pfizer Animal Health on Thursday and Intervet/Schering-Plough on Friday, every registered veterinary technician receives Bovine Bucks.

Simply stop by the Pfizer and Intervet/Schering-Plough booths in the Exhibit Hall. Trade your Bucks for lunch discount vouchers valued at a very MOO-ving $12 each!

Pfizer Animal Health
Intervet

Courtesy of Gene Wren
2009 PRECONFERENCE SEMINARS

MONDAY, SEPTEMBER 7-WEDNESDAY, SEPTEMBER 9

Limited enrollment ... be sure to register early!
Avoid disappointment by signing up quickly for these popular, limited-enrollment seminars, most of which rapidly reach their maximum participants. Detailed descriptions begin on the following page. Seminars with insufficient registrants will be canceled by July 31, 2009, to enable making alternate travel arrangements, if necessary. Register at aabp.org or complete the form in the center of this booklet. Fees are payable in US dollars drawn on a US bank.

### 2009 PRECONFERENCE SEMINARS

The 42nd Annual Conference of the American Association of Bovine Practitioners

#### Seminar No. Seminar Sept. Date Coordinator Fee / Max.

1A/1B/1C* Quality Milk Production (2010) — —

2 Applied Dairy Nutrition 8-9 Hutjens $400 / 30

3 Management of the Periparturient Cow to Optimize Reproduction & Neonatal Calf Health 8-9 Risco $275 / 30

4A** Beef Cattle Nutrition: Basic 8 Van Saun $195 / 30

4B** Beef Cattle Nutrition: Intermediate 9 Van Saun $225 / 30

5 Beef & Dairy Animal Stockmanship 9 Rapnicki $200 / 40

6 Reproduction for Success & Profit 8-9 Lee $300 / 30

7 Health & Welfare-Friendly Housing for Dairy Cows & Calves 8-9 Nordlund $450 / 30

8A Crank Up the Quality: Top-Notch Forages Increase Dairy Profitability 8 Stone $200 / 35

8B TMR Quality Control: A Key to Consistent Production & Healthy Cows 9 Stone $200 / 35

9 Bovine Lameness 9 Shearer $250 / 30

10 The Replacement Heifer from Birth to Precalving 8-9 Corbett $450 / 30

11 Using Data for Decision Making in Cattle Practice 8-9 Booker $500 / 30

12 Introduction to Dairy Farm Business Consulting 8 Welch $250 / 20

13 Embryo Transfer & Freezing Techniques 7-9 Robertson $1,200 / 20

14 Amazing Grazing 9 Alley $275 / 30

15 Applied Transition Cow Nutrition & Physiology 9 Townsend $250 / 30

16 Basic Reproductive Ultrasound in Practice 7-8 DeMuth $500 / 20

17 Advanced Ultrasound 9 Colloton $275 / 30


19 Opportunities for Veterinarians in the Beef Cattle Industry 9 DeGroff $100 / 60

20 Assessments & Audits: How Addressing Animal Welfare Is a Winning Proposition for You & Your Clients 8 Reynolds $250 / 30

21 On-farm Milking Equipment Analysis & Evaluation 8-9 Gorden $250 / 30

22 Understanding Milk Components & Troubleshooting Herd Problems 9 Mechor $300 / 30

23 Marriage Enrichment for Bovine Practitioners 9 Gardner $35 / 12 couples

* Regularly scheduled Quality Milk Production seminars 1A, 1B, and 1C are not being offered at the 2009 conference. All three sessions will return to the agenda starting on Sunday, August 15, 2010, at the 43rd AABP Annual Conference in Albuquerque, New Mexico.

** Choose one comprehensive fee or enroll separately.
1A, 1B, 1C
QUALITY MILK PRODUCTION
Note: Not offered in 2009. Will return to the program starting on Sunday, August 15, 2010, at the 43rd AABP Annual Conference in Albuquerque, New Mexico.

2
APPLIED DAIRY NUTRITION
Objective: To prepare the practicing veterinarian for understanding basic dairy feeding principles and current recommendations. This will allow her/him to assist dairy farm managers in correcting nutrient problems, to interpret data and feed testing results, and in developing knowledge to consult regarding dairy feeding problems. Case studies, lectures, and laboratories involved.

Fee: $400
Limit: 30
Level: Intermediate
Computers: No
When: Tues., Sept. 8 ...............8:00am-5:00pm
       Wed., Sept. 9 ......................8:00am-5:00pm

Coordinator: Mike Hutjens
Faculty: Larry Chase, Mike Hutjens, Garrett Oetzel

This seminar is for veterinarians who want to acquire the skills needed to offer nutritional services. It is a fast-moving, comprehensive 2-day course. A series of fact-filled, cutting-edge seminars blends basic principles with current recommendations. Topics include rumen function, nutrient updates (protein, CHO, additives, etc), transition cow strategies, feed bunk management, on-farm measurements, data collection, and milk yield and component analysis.

3
MANAGEMENT OF THE PERIPARTURIENT COW TO OPTIMIZE REPRODUCTION & NEONATAL CALF HEALTH
Objective: To enable veterinarians to upgrade their knowledge and educate their clients in the areas of management of calving-related disorders, postpartum health monitoring procedures, effect of nutrition on reproductive performance, and management strategies at the herd level for neonatal calf care.

Fee: $275
Limit: 30
Level: Basic
Computers: No
When: Tues., Sept. 8 ................5:30-9:30pm
       Wed., Sept. 9 ......................8:00am-5:00pm
Coordinator: Carlos Risco
Faculty: Art Donovan, Maarten Drost, Carlos Risco, Jose Santos

Taught by four experienced clinicians, the seminar will: (1) enable veterinarians to design a herd health protocol that emphasizes first-aid calving assistance to move producers away from using improper calf delivering techniques; (2) review procedures for diagnosis and treatment of dystocia (cesarean section, fetotomy, uterine torsion) and uterine prolapse; (3) discuss strategies that veterinarians can implement on dairy farms to monitor postpartum health and management of uterine infections; (4) review the role of nutrition and nutraceuticals on uterine health and reproduction (fatty acids and
l lipid nutrition, antioxidants, identification, and management of the anestrous cow; role of gossypol in cottonseed products on health and reproduction); (5) discuss principles of neonatal calf care and colostrum management.

This is a 1.5-day seminar. The afternoon of the first day will be devoted to obstetrics and calving-related disorder management at both the individual cow and herd level. The second day will include presentations on management of postpartum health, the role of nutrition on reproduction, and neonatal calf care. This is a practical seminar composed of interactive presentations that will give veterinarians a current approach to developing operational procedures for management of the periparturient cow and neonatal calf. In addition, the seminar will provide a current approach to nutritional management of the postpartum dairy cow to improve uterine health and optimize reproduction. Participants will learn how to use The Drost Project Visual Guide to train and educate farm employees on management of obstetrics.

4A
BEEF CATTLE NUTRITION: BASIC
Objective: To introduce ruminant nutrition principles to practitioners interested in learning more about beef cattle nutrition and its application to cow-calf practice.

Fee: $195 ($400 for both 4A and 4B)
Limit: 30
Level: Basic

4B
BEEF CATTLE NUTRITION: INTERMEDIATE
Objective: To provide more detailed information on the application of beef cattle nutrition for the cow-calf practitioner and demonstrate and learn how to use the BRANDS computerized ration evaluation and formulation software.

Fee: $225 ($400 for both 4A and 4B)
Limit: 30
Level: Intermediate
Computers: No (computer skills: yes)

Note:
Participants can enroll in both seminars 4A and 4B for a reduced total fee ($400). The goal of these seminars is to enable you to assist your clients in developing cost-effective rations for their herds (cow-calf and backgrounding) the day you return home from the conference.

5
BEEF & DAIRY ANIMAL STOCKMANSHIP
Objective: Although beef and dairy operations are very different, the fundamental interactions between cattle and humans are quite similar. These fundamental interactions are independent of the size of the operation as well as the type of housing system. Anyone that works with cattle should receive stockmanship training.

Fee: $200
Limit: 40
Level: Beginner
Computers: No

The human element has tremendous influence on the health, welfare, and performance of production animals. It makes logical and economic sense to train workers in stockmanship to create positive interactions with livestock. Because all human contact with animals shapes their subsequent behavior, learning body language to communicate with livestock enables the stockperson to work safely and effectively and encourages animals to express their true state of health. Successful human-animal partnerships are
you are making the proper recommendation to your clients. HELP! This seminar will offer help by bringing you the latest information on how you can maximize reproductive performance. Topics include postpartum reproductive recovery, early embryonic death, a discussion of the tools available for maximizing our ability to put semen in cows, and when to use what tool. You will also take a look at prioritizing opportunities, creating and implementing changes in reproductive programs, as well as demonstrating the economic value of improved reproductive efficiency. This seminar will focus on tool use, technologies, and evaluations related to AI breeding programs. The reproduction monitoring section will cover general principles applicable to herds of all sizes. Data analysis will focus on herds of 300 or more cows. An optional session on Tuesday evening from 7:00 to 9:00 pm will provide an opportunity to discuss topics raised by the participants.

6 REPRODUCTION FOR SUCCESS & PROFIT
Objective: (1) Review of reproductive physiology relative to postpartum uterine recovery, early embryonic death, and normal physiologic control of estrus; (2) review of tools (hormone protocols, pregnancy diagnosis, and emerging technologies); (3) monitoring of reproductive efficiency and compliance with programs; (4) economic value of programs and improved reproductive efficiency. Participants should leave with the ability to determine the appropriate use of reproductive tools and to assess the effectiveness and economic impact of changes in reproductive efficiency.

Fee: $300
Limit: 30
Level: Intermediate
Computers: No
When:
Tues., Sept. 8 .................8:00am-5:00pm
Optional Tues. session ..........7:00-9:00 pm
Wed., Sept. 9 .................8:00am-5:00pm
Coordinator: John Lee
Faculty: Joseph Dalton, Paul Fricke,
John Lee, Neil Michael, Mike Overton

There may be no bigger profit opportunity on many dairy farms than to improve reproductive performance due to its impact on milk sales and replacement options. With so many protocols and tools from which to pick, it has become difficult to be confident

7 HEALTH & WELFARE-FRIENDLY HOUSING FOR DAIRY COWS & CALVES
Objective: Recent research has shown important relationships between housing and health of dairy cows and calves. This seminar is designed to provide practitioners with the technical knowledge to gain a place at the table and serve as the cow’s advocate when dairy clients plan new or remodeled freestalls, transition cow facilities, and calf barns.

Fee: $450
Limit: 30
Level: Intermediate
Computers: No
When:
Tues., Sept. 8 .................8:00am-5:00pm
Wed., Sept. 9 .................8:00am-5:00pm
Coordinator: Ken Nordlund
Faculty: Nigel Cook, Ken Nordlund

The seminar will focus on three key areas of dairy housing: transition cow or specialty needs barns, freestalls, and calf barns. Much knowledge has been developed regarding the impact of each on health and welfare of dairy animals, but integrating the findings into practical plans is challenging. The seminar will emphasize troubleshooting housing problems, formulating corrective plans, and the expected economic consequences. Modern transition cow housing emphasizes bunk space for all cows to eat simultaneously, stable social groups, soft and loose materials for resting, and ample space in which to lie and rise. Providing each of these attributes becomes more complex with the ebb and flow of numbers of fresh cows through the year. Integrating these components into a feasible building plan is an opportunity to improve fresh cow health and welfare. Many dairy operators are aware of some of the deficits of their freestalls but accept the deficits as changeable. This seminar will develop your troubleshooting skills and a framework for decisions to remodel or replace and will demonstrate partial budgets that illustrate feasibility of the changes. Improvements in freestalls can have profound effects on reduction of lameness, increased survival, and improved productivity and welfare of the herd. While hutches can provide excellent housing for calves, many dairy operators are building calf barns to protect the caretakers of the calves from uncomfortable working conditions. The seminar will develop management principles to bring to calf barn design and will emphasize the design of positive-pressure ventilation systems to supplement naturally ventilated barns. These techniques can also be used to retrofit and improve older calf barns.

8A CRANK UP THE QUALITY: TOP-NOTCH FORAGES INCREASE DAIRY PROFITABILITY
Objective: Discussion of all aspects of forage management that influence forage quality, including forage goals, hybrid selection, determining the appropriate time to cut or harvest, methods to enhance dry-down rates, chop length, inoculants, filling and packing techniques, and covering materials.

Fee: $200
Limit: 35
Level: Moderate
Computers: No
When: Tues., Sept. 8.......8:00am-5:30pm
Coordinator: Bill Stone
Faculty: Richard Muck, Kevin Shinnors, Bill Stone, Everett Thomas

Feed costs are the single greatest expense of producing milk, and forages typically make continues on page 20
### PROGRAM AT

#### THURSDAY, SEPTEMBER 10  
**REGISTRATION 7:00am–5:00pm**

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<tr>
<td>6:00am</td>
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<td>Small Ruminants 1</td>
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<td>ISSUES FORUMS Hosted by the AABP Committees</td>
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<td>12:00</td>
<td>CABV-ACVB ANNUAL MEETING</td>
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#### FRIDAY, SEPTEMBER 11

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*WEDNESDAY, SEPTEMBER 9: Golf Tournament at 9:00am (preregistration; fee; see p. 11). Welcoming Reception from 6:00-8:00pm (see p. 8).*

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**EXHIBIT HOURS**  
**THURSDAY 9:00AM-7:00PM**  
**FRIDAY 9:00AM-4:00PM**

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**RESEARCH SUMMARIES 1**  
See p. 27

**THE 42ND ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS**  
**2023**

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**REGISTER ONLINE AT AABP.ORG**
**A GLANCE**

**REGISTRATION 7:00am–5:30pm**

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**FRIDAY EVENING AUCTION & DINNER**

6:00-9:00pm  See p. 9

Qwest Center Omaha • No Charge • Badge Required
Scholarship Auction / Pfizer Scholarship Awards  See p. 9

Dessert Reception from 8:00-9:00pm (see p. 8).

**SATURDAY, SEPTEMBER 12**

**REGISTRATION 7:00am–5:00pm**

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up the greatest percentage of the diet. Unfortunately, their quality can also vary more than any other ration component. One of the essential components of achieving high production and still having healthy cows is to feed forages that are highly digestible, underwent an appropriate fermentation, and are stored and removed from the silo appropriately. This seminar covers the aspects of forage management that influence forage quality as well as the equipment available to harvest hay and haylage efficiently, along with kernel processors. The faculty include individuals with many years of experience in agronomy, agricultural engineering, forage production and management, and dairy nutritional consulting.

8B TMR QUALITY CONTROL: A KEY TO CONSISTENT PRODUCTION & HEALTHY COWS

Objective: To discuss the use of new technologies, research, and techniques to help feeders be better feeders and to minimize the difference between the formulated and consumed ration.

Fee: $200
Limit: 35
Level: Intermediate-Advanced
Computers: No
When: Wed., Sept. 9...........8:00am-5:00pm
Coordinator: Bill Stone
Faculty: Dennis Buckmaster, Brian Perkins, Bill Prokop, Bill Stone

Consistency is one of the hallmarks of top dairies, and the ration is one of the most important areas to keep correct consistently. This seminar will develop a program that you can use to help train feeders to be better feeders or to use as a guide when investigating herds with variation in production and nutritionally related health disorders. The seminar will focus on ways to minimize the difference between the formulated and consumed ration by discussing variation in forages throughout the silo, techniques to obtain forages correctly for a load of feed, defacers, mixer wagons and how they should be used, electronic feed management programs and methods to use them to enhance ration accuracy, techniques to reduce sorting, and methods to reduce the level of refusals. The faculty include individuals with expertise in nutritional consulting, agricultural engineering, and computerized feed management programs.

9 BOVINE LAMENESS

Objective: To provide practitioners and others interested in lameness with practical information and solutions to foot problems and foot care in beef cattle. Using the “hear one, see one, do one” approach, classroom information will be reinforced in hands-on laboratory exercises to make practitioners more comfortable with lameness disorders in both the cow-calf and feedlot settings.

Fee: $250
Limit: 30
Level: Basic
Computers: No
When: Wed., Sept. 9...........8:00am-5:00pm
Coordinator: J. K. Shearer
Faculty: David Anderson, Andres Desrochers, Doug Hostetler, J. K. Shearer

Lameness is an important problem in beef cattle resulting in significant economic loss and reduced welfare of animals affected. This seminar is designed to address common problems in both cow-calf and feedlot conditions, with specific emphasis on recognition and treatment of lameness disorders. Topics will include claw trimming of bulls prior to turnout on pasture, use of foot blocks for weight relief on injured digits, diseases of the sole and hoof wall, options for treatment of deep digital sepsis conditions, and management of infectious skin disorders of the foot. Laboratory exercises will include foot-trimming and knife-sharpening techniques, proper positioning and application of foot blocks for relief of weight bearing on injured claws, surgical procedures for digital sepsis conditions, and practical procedures for management of fractures and upper leg injuries in beef cattle.

10 THE REPLACEMENT HEIFER FROM BIRTH TO PRECALVING

Objective: Part 1. Birth to Weaning (Tues.)—To cover colostrum management and its effect on biosecurity as well as maintaining quality during pasteurization; immunology of the neonatal calf and vaccination programs for replacement heifers from birth to weaning; nutrition of the replacement heifer from birth to weaning, including accelerated growth and implementation of accelerated growth programs for heifer calves on the farm; management practices for the prevention, control, and treatment of neonatal disease; controlling mycoplasma outbreaks in calf-rearing facilities.

Part 2. Weaning to Precalving (Wed.)—Management of the weaned dairy heifer, including nutrition, vaccination protocols, disease prevention, control and treatment, biosecurity, and the economics of raising dairy heifers; will include new information on accelerated growth programs.

Fee: $450
Limit: 30
Level: Basic
Computers: No
When: Tues., Sept. 8.............8:00am-5:00pm
Wed., Sept. 9.............8:00am-5:00pm
Coordinator: Robert Corbett
Faculty: Robert Corbett, Victor Cortese, David Galligan, Frank Garry, Sandra Godden, Sheila McGuirk, Mike Van Amburgh

The management and nutrition of the dairy replacement heifer must be as effective as possible to enable the heifer to 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. This seminar will include information on maintaining the quality of colostrum during the pasteuriza-
The seminar is appropriate for veterinarians engaged in all aspects of bovine production medicine and begins at a basic level with regard to computer skills and an intermediate level with regard to data concepts.

12
INTRODUCTION TO DAIRY FARM BUSINESS CONSULTING

Objective: To provide veterinarians with practical training, pertaining to dairy farm business analysis and planning, that can be easily incorporated into everyday practice.

Fee: $250
Limit: 20
Level: Introductory
Computers: Yes (bring a laptop; specific calculator also required [see note at end])
When: Tues., Sept. 8 ..............8:00am-5:00pm
Coordinator: David Welch
Faculty: Brian Reed, David Welch

Every time you make a management recommendation, recommend a calf barn, vaccinate cattle, or even treat a cow, you are impacting a dairyman’s financial performance. Sometimes the impact is small, other times it is large. Recommending a calf barn may be just perfect on one farm and totally wrong for the neighbor with identical biology but with a different financial standing. For the second neighbor, having a custom calf raiser do the job may be the ticket. This fast-paced seminar is designed to help prepare veterinarians with limited business background to analyze dairy farm records and interpret standard financial records, introducing you to the business planning process and allowing you to incorporate this service into everyday practice. The seminar will define the unique philosophic role of a veterinary business consultant and will emphasize the need for going the next step in consulting. The seminar will be presented from the perspectives of Drs. Reed and Welch. Dr. Reed, relatively early in his career, decided to add dairy farm business consulting to the services he provides for his clients. Dr. Welch, after 25 years in practice, felt the need to have a better understanding of the impact on the business of traditional recommendations relating to biology. Drs. Welch and Reed have been doing business plans for dairy farms in Pennsylvania for the past 5 years, developing business plans for purchases, expansions, and intergenerational transitions. Projects have ranged from a few
hundred thousand dollars to over $5 million. As a part of the seminar, case studies will be presented and different options explored. Various spreadsheets will be provided to assist in analysis and calculations. You will use your computer to explore a range of options to determine the effect of each strategy on a variety of financial measurements. A reference notebook with appropriate support information will be provided.

**Note:** During this seminar you will also be introduced to use of a financial calculator, which should be purchased in advance. For questions about the calculator, please contact Dr. Reed: bcreed@dejazzd.com; phone: 717-733-0513.

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**13 EMBRYO TRANSFER & FREEZING TECHNIQUES**

**Objective:** To provide hands-on embryo collection, transfer, and freezing techniques on live cows in a 3-day, off-site, wet lab seminar.

**Fee:** $1,200  
**Limit:** 25  
**Level:** Basic-Intermediate  
**Computers:** No  
**When:**  
Mon., Sept. 7 ......................8:00am-9:00pm  
Tues., Sept. 8 ......................8:00am-9:00pm  
Wed., Sept. 9 ......................8:00am-5:00pm  
**Coordinator:** Edwin Robertson  
**Faculty:** Sam Edwards, John Hasler, Randall Hinshaw, Brad Lindsey, Reuben Mapleton, Edwin Robertson, Dale Waller

If you want to learn embryo transfer as a beginner, OR if you have begun and are having a struggle, this seminar is for you. You will be taught the most up-to-date techniques by a staff with years of experience at your side. The lab will include a total of 50 cows—2 superovulated cows from which each participant will search for, collect, evaluate, and freeze embryos on his/her own. Microscopes, freezers, and all embryo transfer equipment will be provided, but you are welcome to bring any equipment you have. All techniques will be discussed and demonstrated on 15 actual donor cows before you begin your attempt on the practice cows. Superovulation, collection, freezing, transfer, estrus synchronization, donor scheduling, embryo morphology, and semen quality evaluations will be discussed in detail. All 3 days will be off-site in the Gayle Hattan Pavilion at the Saunders County Fairgrounds in Wahoo, Nebraska, 25 miles south of Omaha.* Shuttle service from Omaha is not provided, but, if transportation is desired, call Dr. Robertson and he will try to coordinate transportation for those arriving near the same time. As you make car rental reservations, please call Dr. Robertson, who will assist you in possibly sharing the cost of a car and motel room in Wahoo.

**Important:** Bring boots and coveralls.

If you have questions about the seminar or arrangements, call Dr. Robertson at 865-207-5814.

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**14 AMAZING GRAZING**

**Objective:** To provide registrants with practical information on grazing management principles and applications in forage-based operations.

**Fee:** $275  
**Limit:** 30  
**Level:** Beginner-Intermediate  
**Computers:** No  
**When:** Wed., Sept. 9 ...........8:00am-5:00pm  
**Coordinator:** Mark Alley  
**Faculty:** Mark Alley, Jim Green, Matt Poore, Steve Washburn

With the dramatic economic changes agriculture is facing with regard to rising feed, fuel, and fertilizer expenses, maximizing efficiency of forage-based systems is more important than ever in cattle production systems. This seminar will be an adaptation of the highly successful seminar program developed by North Carolina State University. Topics to be covered include forage physiology, assessment of forage quality, design of pasture grazing systems, and the design and implementation of mineral supplementation programs in pasture systems. Additional subject matter includes the use of grazing in dairy operations. Please join your colleagues at this affordable “grassroots” seminar that will provide you with valuable information to assist your producers during an economically challenging time.
15  
APPLIED TRANSITION COW NUTRITION & PHYSIOLOGY  
Objective: To provide a solid understanding of the fundamentals of the nutritional management and physiology of the transition dairy cow and enable practitioners to better evaluate the nutritional management of their client herds.

Fee: $250  
Limit: 30  
Level: Advanced  
When: Wed., Sept. 9............8:00am-5:00pm  
Coordinator: Jonathan Townsend  
Faculty: David Beede, Jim Drackley, Giovanni Gnemmi, John Lee, Brad Stroud

This seminar will focus on applied transition cow nutrition and is designed to alternate on a yearly basis with a complementary seminar that focuses on new research findings in transition cow nutrition and management. During this year’s seminar, faculty will place an emphasis on the fundamentals of energy, protein, and mineral nutrition and the underlying dynamic physiology of the transition dairy cow. You are encouraged to interact with the faculty and other participants and discuss problem herd situations from your own practice.

16  
BASIC REPRODUCTIVE ULTRASOUND IN PRACTICE  
Objective: To cover principles of ultrasonography, available equipment, and using ultrasound in practice. Includes case discussions, demonstrations, and an off-site hands-on laboratory.

Fee: $500  
Limit: 20  
Level: Basic  
Computers: No  
When: Mon., Sept. 7.....................1:00-6:00pm  
Tues., Sept. 8..........................6:00am-2:00pm  
Coordinator: Craig DeMuth  
Faculty: Jill Colloton, Craig DeMuth, Giovanni Gnemmi, John Lee, Brad Stroud

As in the past, this seminar will teach you the basics of reproductive ultrasound scanning. You’ll learn how, what, and why to scan. Monday afternoon’s lecture will include special emphasis on using ultrasound in beef and dairy practice, with the second half of the program on Tuesday when you will travel to a dairy for a hands-on wet lab. There will be lots of uteruses, ovaries, early pregnancies, and fetal sexing to scan during Tuesday’s lab. An early Tuesday morning departure, 6:00am, is scheduled to ensure a timely farm arrival. Several ultrasound companies will have units available for use, providing a unique opportunity to compare units side by side.

Important: Please bring boots and coveralls for this seminar.

17  
ADVANCED ULTRASOUND  
Objective: This seminar will help both beef and dairy practitioners maximize the use of ultrasound in the field through discussion of research and practical applications in bovine reproductive ultrasound, practical use of ultrasound in timed AI and embryo transfer programs, image artifacts, fetal sexing techniques, male reproductive tract ultrasound, and sharing of tips and case studies by attendees.

Fee: $275  
Limit: 30  
Level: Intermediate-Advanced  
Computers: No  
When: Wed., Sept. 9............8:00am-5:00pm  
Coordinator: Jill Colloton  
Faculty: Jill Colloton, Paul Fricke, Giovanni Gnemmi, Brad Stroud

You are encouraged to bring interesting images on CD, disk, or USB device to share with the group. Anyone with a relevant case study is welcome to present data. This seminar is best suited for practitioners with some ultrasound experience or for those who have attended seminar 16: “Basic Reproductive Ultrasound in Practice.”

18  
ACHIEVING FINANCIAL & PERSONAL SUCCESS IN FOOD ANIMAL/MIXED ANIMAL PRACTICE  
Objective: To provide veterinarians with practical tools, information, and examples that will help them operate their practices as thriving, profitable, and rewarding small businesses, thus providing the financial and personal success they desire.

Fee: $250  
Limit: 20  
Level: Basic  
Computers: No  
When: Wed., Sept. 9............8:00am-5:00pm  
Coordinators: Dave Horn, Bill Kearley  
Faculty: Dave Horn, Bill Kearley

A primary goal of any veterinary practice is to operate as a financially rewarding small business. At the same time, each veterinarian working in the practice has personal and family goals he or she wants to achieve. Sometimes it’s a hard balancing act to achieve both. Concerns often voiced by practitioners include: too little money for the long work hours, inefficient/chaotic work schedules, changing animal and human demographics in the practice area, and too little family and personal time. This seminar addresses making your practice work for you, instead of feeling it’s always

AABP recognizes Elanco for its generous sponsorship of the Student Reception on Thursday evening
the other way around. Topics to be covered include: managing practice economics to ensure financial success, improving practice cash flow and profitability, reducing accounts receivable, effective inventory control, improving practice scheduling efficiency, pricing services and products, associate and owner compensation, planning future practice success, adapting to change, and financial benchmarks for typical food animal/mixed animal practices.

Dr. Bill Kearley has been a presenter for numerous practice management seminars at AABP over the past 14 years. Following 15 years in food animal practice and an MBA in 1995, Bill now consults with veterinary practices on practice growth, revitalization, and improvement.

Dr. Dave Horn adds another perspective to this seminar with his 16 years of practice and consulting experience. Over the past 10 years, Dave has given seminars to hundreds of veterinarians and their employees, helping dozens of practices improve their financial situation.

As a result of attending this seminar, you will take home a collection of practical solutions that will help you operate your practice as a thriving, profitable, and rewarding small business that provides the financial and personal success you desire.

19 OPPORTUNITIES FOR VETERINARIANS IN THE BEEF CATTLE INDUSTRY

Objective: To showcase how some veterinarians have cultivated and enhanced opportunities to serve the beef cattle industry with nontraditional services.

Fee: $100
Limit: 60
Level: Basic
Computers: No
When: Wed., Sept. 9.........8:00am-5:00pm
Coordinator: Terry DeGroff
Faculty: Terry DeGroff

The University of Nebraska Great Plains Veterinary Educational Center (GPVEC) has developed an innovative educational series designed to train veterinarians to use tools to evaluate and monitor production/management strategies and integrate the many factors involved in decision making to optimize productivity and improve financial success for beef cattle producers. The Beef Cattle Production Management Series (BCPMS) provides in-depth training in areas related to beef cattle production, management, and economic strategies. One hundred fifty-six veterinarians and two animal science specialists have attended the series since its inception in 1993. This seminar is a collection of presentations from past participants in the series. Speakers will share how they have developed and used some of the skills presented during the BCPMS course to serve the beef cattle industry. Names of the speakers and their respective topics will be posted on the AABP website as they are added.

20 ASSESSMENTS & AUDITS: HOW ADDRESSING ANIMAL WELFARE IS A WINNING PROPOSITION FOR YOU & YOUR CLIENTS

Objective: Over the past several years there has been increasing attention paid to animal welfare issues by consumers, the retail industry, and animal rights groups. The airing of the Humane Society of the United States video filmed at a California slaughterhouse has heightened the awareness and critical eye of the consumer even more toward animal welfare issues. This seminar will review the process of conducting farm assessments for the bovine practitioner, emphasizing the importance of animal welfare to each area of the farm enterprise. Utilization of the procedures, benchmarks, and checklists contained in a thorough assessment program will be provided. These tools will assist practitioners in preparing their clients for an animal welfare audit. Topics will include housing, downer cows, euthanasia, lameness, managing special-needs animals, biosecurity, handling, and more as they relate to animal welfare and farm profitability.

Fee: $250
Limit: 30
Level: Basic
Computers: No
When: Tues., Sept. 8...........8:00am-9:00pm
Coordinator: Jim Reynolds
Faculty: Sandy Goff, Jim Reynolds, Jan Shearer, Dan Thomson

Animal welfare and well-being are key issues with any herd, not only as they impact farm profitability, but also from a public perception view as consumers and retailers keep animal agriculture increasingly under the microscope. This seminar will provide bovine practitioners with the tools, benchmarks, and checklists needed to perform a comprehensive whole-herd assessment for their clients. Topics covered include assessing housing, nutrition, lameness, downer cows, euthanasia, herd health, young stock, and more. At the completion of the seminar, you will be able to advise clients on how to pre-
pare for a welfare audit. You will also be able to conduct a full, comprehensive farm assessment. Information is the key to success for your clients as they prepare for animal welfare audits; veterinarians are uniquely qualified to provide this information. When clients are properly informed, they are better equipped to deal with the issues of animal well-being and welfare audits. They can face the prospect of an audit with improved understanding and confidence, thereby preserving their markets, improving animal welfare and profitability, and, ultimately, consumer acceptance that the nation’s livestock are receiving appropriate care.

21 ON-FARM MILKING EQUIPMENT ANALYSIS & EVALUATION

Objective: An off-site seminar designed to provide veterinarians with hands-on experience in the evaluation of milking equipment function to troubleshoot milk quality problems and maximize milking efficiency.

Fee: $250
Limit: 30
Level: Beginner-Intermediate
Computers: No
When: Tues., Sept. 8 .......... 6:00-10:00pm
Wed., Sept. 9 ............... 8:00am-4:00pm
Coordinator: Pat Gorden
Faculty: Pat Gorden, David Reid, Leo Timms

This seminar will be held at the Iowa State University Dairy Farm. The lecture on day 1 will cover the concepts of milking system evaluation based on National Mastitis Council (NMC) guidelines. On day 2, you will have the opportunity to evaluate the ISU Dairy Farm milking system during milking time and perform dynamic testing of the milking system used to diagnose deficiencies in milking system function. All participants in this seminar will be bused from Omaha on Tues. and spend one night in Ames.* Participants will return to Omaha by bus on Wed. afternoon. Transportation costs to and from Ames are included in the course registration.

*Note: Participants in this seminar will automatically be registered by AABP for a hotel room for one night (Tues., Sept. 8) at the nearby Gateway Hotel & Conference Center (2100 Green Hills Drive, Ames, IA 50014). Cost is $84 a night plus associated taxes, fees, and any incidentals. You will be responsible for payment when you check out on Wed., Sept. 9. Rooms will be held at this rate until Aug. 18. Contact AABP Headquarters, not the hotel, if you need to make any changes in lodging arrangements before Aug. 18.

22 UNDERSTANDING MILK COMPONENTS & TROUBLESHOOTING HERD PROBLEMS

Objective: This seminar will provide participants with an updated understanding of nutritional, environmental, and management factors that influence milk composition. The session will also provide practitioners with very current information necessary to understand opportunities to maximize components and provide the diagnostic skills needed to troubleshoot milk component issues on a dairy.

Fee: $300
Limit: 30
Level: Intermediate-Advanced
Computers: No
When: Wed., Sept. 9 .......... 8:00am-5:00pm
Coordinator: Gerald Mechor
Faculty: Adam Lock, Gerald Mechor, Tom Overton, Mike Van Amburgh

Issues with milk components on the dairy have frustrated the veterinarian and the consulting nutritionist for many years. Many theories for milk fat depression have been found inadequate. The biohydrogenation theory has emerged as a leading explanation for milk fat depression in dairy cows. New research highlights how a thorough understanding of the biohydrogenation theory of milk fat depression is key to being able to troubleshoot milk fat issues on the dairy. Using new research information will enable you to reach a more thorough understanding of factors that influence milk components and how to troubleshoot problems on the dairy more effectively. Several case studies with active group participation will be used in the seminar to highlight key learning points and assist in key areas of herd-level investigation.

23 MARRIAGE ENRICHMENT FOR BOVINE PRACTITIONERS

Objective: To help couples appreciate and affirm each other amid the hectic life of bovine practice.

Fee: $35
Limit: 12 couples
Level: Basic
Computers: No
When: Wed., Sept. 9 .......... 7:00-10:00pm
Coordinator: Charlie Gardner
Faculty: Charlie Gardner

Invest in this special evening seminar and reap rewards for life! No aspect of your life is more important than your relationship with your spouse or significant other. Marriage Enrichment is a proven program that will enable you to view your husband or wife in a new light and rekindle feelings you may have forgotten even existed. Past participants have given this seminar high ratings. Please join us this year.

Thank you for Milk Breaks!
Lend an Ear. Speak Your Mind.

ISSUES FORUMS

Thursday, September 10 · 9:00-10:30am · Qwest Center Omaha

You Are Not Alone. Rewards, frustrations, successes, and questions should be shared. Join your colleagues for good conversation on the subjects that matter most to cattle practitioners.

Every AABP member is welcome to participate in any of these open discussions.

- Animal Welfare
- Beef Production Management
- Biological Risk Management & Preparedness
- Bovine Respiratory Disease
- Food Quality, Safety, & Security
- Information Management
- Lameness
- Membership in AABP
- Milk Quality & Udder Health
- Nutrition
- Pharmaceutical & Biological Issues
- Reproduction

Sessions are hosted by AABP Committees.
GENERAL SESSION 2: PRESSING PHARMACEUTICAL ISSUES—PART 1

Thursday, September 10
1:30-5:30pm
Moderator: Virginia Fajt

1:30-2:30pm
Drug Residues: How Do They Affect Bovine Practice? Ryan Ruppert

2:30-3:30pm

3:30-4:00pm Milk/Refreshment Break

4:00-4:45pm

4:45-5:30pm

STUDENT CASE PRESENTATION COMPETITION

Thursday, September 10
1:30-5:20pm
Moderator: Israel Isenberg

Skilled student AABP members enrolled in North American veterinary colleges compete for cash prizes as they present interesting cases treated or research projects completed. AABP recognizes the two highest-scoring presentations in each category: clinical case and research project. Judging is based on both quality of investigation or research and quality of the presentation. Time has been included for interactive discussions between the student presenters and experienced practitioners in the audience. The top-ranked presentation will be repeated during General Session 4, which begins at 2:00pm on Saturday.

1:30-1:50pm
The Effect of Storage Temperature on the Accuracy of a Cow-side Test for Ketosis Jennifer Hubbard, Ontario Veterinary College

1:50-2:10pm
Evaluation of Analgesic Protocol Effect on Calf Behavior After Castration & Dehorning Craig Pauly, Kansas State University

2:10-2:30pm
Effect of Vaccinating Preweaned Dairy Calves on Cell-Mediated Immune Function Megan Schrupp, University of Minnesota

2:30-2:50pm
Investigating the Cause & Effects of an Outbreak of Bovine Respiratory Disease in Preconditioned Calves in an Iowa Feedlot Eric Behlke, Iowa State University

2:50-3:10pm
Retrospective Evaluation of Health Event Data Recording on 18 Dairies Using DC 305 Sarah Giebel, Washington State University

3:10-3:30pm
The Effect of the Cow’s Age & Forage on the Oxidative Stability of Omega-3 Enriched Milk Natasha Woodward, Atlantic Veterinary College

3:30-4:00pm Milk/Refreshment Break

4:00-4:20pm
Abdominal Distention in a Holstein-Friesian Cow Bethany Solomon, Texas A&M University

4:20-4:40pm
Suspected Monensin Toxicity in Angus Bull Calves Kathleen Scarlett Black, Auburn University

4:40-5:00pm
An Investigation of Cardiopulmonary Disease Among High-Plains Feedlot Cattle Ryan Koopmans, University of Nebraska-Lincoln/Iowa State University

5:00-5:20pm
Nonregenerative Anemia in a Yearling Calf Amanda L. Lust, Texas A&M University

RESEARCH SUMMARIES 1

Thursday, September 10
1:30-5:30pm
Look for times, titles, and presenters in the August 2009 issue of the AABP Newsletter and in the AABP Pocket Guide you receive at the conference. This information is also available after August 1 at aabp.org. Session 2 is Friday, 8:00am-12:00pm. Session 3 is Friday, 1:30-5:30pm. Session 4 is Saturday, 8:00-11:30am.

PRACTICE TIPS FOR SPEED, SUCCESS, & STAYING DRY

Thursday, September 10
Following the Opening Ceremony at 7:00pm
Moderator: Nick Chuff

Make good decisions faster with help from five of your illustrious food animal colleagues!

8:00-8:10pm
Comparison of Kool Dri® & Flexothane® Rainwear Kelvin Pierce

8:10-8:20pm
Intramedullary Resuscitation of Hypothermic, Hypovolemic Calves David Anderson

8:20-8:30pm
Quick Cancer Eye Surgery Mark Hilton

8:30-8:40pm
Colpotomy Procedures (Ovariectomy, Mummectomy, & Foreign Body Removal) Maarten Drost

8:40-8:50pm
Speed Tips: Classics for New Grads & a Few That Might Surprise the Old Guard Lowell Midla
FRIDAY, SEPTEMBER 11

GENERAL SESSION 3: PRESSING PHARMACEUTICAL ISSUES—PART 2

Friday, September 11
8:00am-12:00pm
Moderator: Virginia Fajt

8:00-9:00am
Mitigating Antimicrobial Resistance: Sociologic Issues Morgan Scott

9:00-10:00am
Mitigating Antimicrobial Resistance: Scientific Progress Morgan Scott

10:30am-12:00pm
I’m from the FDA—May I See Your Medical Records? Daniel Little, Scott Smith

AABP & AASRP JOINT SESSIONS

SMALL RUMINANTS 2*

Friday, September 11
8:00am-12:00pm
Moderator: Jim Fallen

8:00-10:00am
Tips & Tricks for Common Medical & Surgical Procedures in Small Ruminants David Van Metre

10:00-10:30am Milk/Refreshment Break

10:30am-12:00pm
Reproductive Surgery of Llamas & Alpacas: C-section, Ovariectomy, & More David Anderson

*Three joint AABP-AASRP sessions are included in the AABP conference registration fee. Small Ruminants 1 is Thursday, 8:00-10:00am (page 26). Small Ruminants 3 is Friday, 1:30-3:00pm (this page).

RESEARCH SUMMARIES 2

Friday, September 11
8:00am-12:00pm
Look for times, titles, and presenters in the August 2009 issue of the AABP Newsletter and in the AABP Pocket Guide you receive at the conference. This information is also available after August 1 at aabp.org. Session 1 is Thursday, 1:30-5:30pm. Session 3 is Friday, 1:30-5:30pm. Session 4 is Saturday, 8:00-11:30am.

SMALL RUMINANTS 3**

Friday, September 11
1:30-3:00pm
Moderator: Jim Fallen

1:30-3:00pm
Small Ruminant Metabolic Diseases: Enterotoxemia David Van Metre

3:30-4:00pm Milk/Refreshment Break

** Three joint AABP-AASRP sessions are included in the AABP conference registration fee. Small Ruminants 1 is Thursday, 8:00-10:00am (page 26). Small Ruminants 2 is Friday, 1:30-3:00pm (this page).

Breakfast with a Bovine Twist

HEAR THE LATEST POSITION ON COWS IN TRANSITION ...
WITH A FREE FULL-COURSE BREAKFAST

Metabolic Indicators of Transition Cow Health & Factors That Influence Them

Featuring Todd Duffield, DVM, DVSc
Associate Professor, Department of Population Medicine, University of Guelph
Dairy Health Management Specialist • Author • International Speaker
Active in Dairy Research, Student Instruction, & Field Service Veterinary Practice

Open to All AABP Attendees
Preregister for Breakfast When You Register for the Conference (no charge)
Sponsored by

Diamond V
SPLIT CONFERENCE SESSIONS: BEEF

SESSION 1: LUXURIES OF PRODUCTION MEDICINE—IMMUNOLOGY/REPRODUCTIVE MEDICINE REVIEW

Friday, September 11
8:00am-12:00pm
Moderator: Kip Lukasiewicz

8:00-9:00am
The Immune Response in Newly Arrived Cattle: What Should We Expect from Stress & Diet? Chris Chase

9:00-10:00am
Reproductive Vs Respiratory Immune Response? What Gives in Protecting the Reproductive Tract Vs the Respiratory Tract? Chris Chase

10:00-10:30am Milk/Refreshment Break

10:30-11:15am Reproductive Endocrinology & Hormonal Control of the Estrous Cycle G. Cliff Lamb

11:15am-12:00pm Beef Heifer/Cow Synchronization Programs G. Cliff Lamb

New in 2009
2 DAYS of Outstanding Lectures & Labs for Food Animal Veterinary Technicians

8TH ANNUAL AABP VETERINARY TECHNICIAN PROGRAM: SESSION 1

Friday, September 11
8:00am-5:30pm

For the first time, AABP is pleased to present 2 days of veterinary technician programming. Session 1 comprises a full day of lectures, with the 8:00am, 9:00am, and 3:30pm sessions serving as preparation for related laboratories beginning at 9:00am on Saturday (Session 2). Technicians are also free to attend any conference session offered for veterinarians from Thursday through Saturday. Likewise, practitioners are welcome in all Veterinary Technician Program sessions.

SESSION 1

8:00-9:00am
Necropsy & Photo Imaging Bruce Brodersen

9:00-10:00am
Assisting with Calvings David Smith

10:00-10:30am Milk/Refreshment Break

10:30-11:00am
Economics of Using Veterinary Technicians Dave Galligan

11:00am-12:00pm Roundtable Discussion: Using Veterinary Technicians in Bovine Practice Multiple Speakers

1:30-2:00pm
Biosecurity & HCAAP Protocols for the Veterinary/Veterinary Technician Team Alicia Ewing

2:00-3:00pm
Critical Calf Care Sheila McGuirk

3:00-3:30pm Milk/Refreshment Break

3:30-4:30pm Cattle Nutrition Mark Hilton

4:30-5:30pm Collection of Production Information for Integrated Range Management Programs Mark Hilton

Session 2 of the Veterinary Technician Program begins on Saturday at 9:00am.

MARK YOUR CALENDAR

AABP POSTER SESSIONS

Thursday, September 10, 12:00pm to Friday, September 11, 4:00pm
Qwest Center Omaha

Meet the Presenters Friday: 12:00-1:00pm

See a complete list in the August 2009 AABP Newsletter, in the Pocket Guide distributed at the conference, or on aabp.org after August 1.

The AABP Proudly Welcomes the American Association of Small Ruminant Practitioners, Which Shares the Agenda for This 42nd Annual Conference
RESEARCH SUMMARIES 3

Friday, September 11
1:30-5:30pm

Look for times, titles, and presenters in the August 2009 issue of the AABP Newsletter and in the AABP Pocket Guide you receive at the conference. This information is also available after August 1 at aabp.org. Session 1 is Thursday, 1:30-5:30pm. Session 2 is Friday, 8:00am-12:00pm. Session 4 is Saturday, 8:00-11:30am.

SPLIT CONFERENCE SESSIONS: FEEDLOT

RECEIVING PROCEDURES TO ENHANCE DISEASE RESISTANCE & MAXIMIZE PERFORMANCE

Friday, September 11
1:30-6:00pm
Moderator: Tom Noffsinger

1:30-2:30pm
Stress & the Immune System Philip Griebel, Tom Noffsinger

2:30-3:30pm
Why the Intersection of Microbiology, Endocrinology, & Food Science Matters to Animal Health Mark Lyte

3:30-4:00pm Milk/Refreshment Break

4:00-5:00pm
Methods of Starting & Adapting Cattle to Finish Rations in Commercial Feedyards Todd Milton

5:00-6:00pm
Use of Ethanol By-products in Beef Operations: Differences in the Wet & Dry Products & What Health Implications That May Have on Sulfur & Other Mineral Levels in the Animal Galen Erickson

SPLIT CONFERENCE SESSIONS: DAIRY

SESSION 1:
NONTRADITIONAL APPROACHES FOR PREGNANCY DIAGNOSIS, RAISING DAIRY REPLACEMENTS, & MANAGING “CAREER-CHANGED” DAIRY CATTLE

Friday, September 11
1:30-5:30pm
Moderator: Scott Smith

1:30-2:00pm
BioPRYN, an ELISA That Measures Pregnancy-Specific Protein B in Blood of Cattle As an Indicator of Pregnancy Garth Sasser

2:00-2:30pm
Economic Concepts Regarding Early Pregnancy Testing David Galligan

2:30-2:50pm
Application of the Pregnancy-Specific Protein B Testing Technology in a Commercial Dairy Richard Prather

2:50-3:10pm
A Less-Palpation Dairy Practice? Discovering Theriogenology, Again Robert Vlietstra

3:10-3:30pm
Q & A Session Sasser, Galligan, Prather, Vlietstra

3:30-4:00pm Milk/Refreshment Break

4:00-4:30pm Protein & Energy Balance in Early Calfhood & Their Impact on Calf Health & Adult Performance Simon Timmermans

4:30-5:00pm
A Practitioner Approach to Consulting & Monitoring a Dairy Heifer Replacement Operation Greg Goodell

5:00-5:30pm
Feeding Cull Dairy Cattle Alicia Ewing

SESSIONS FOR STUDENTS

Friday, September 11
4:00-5:30pm
Moderator: Israel Isenberg

4:00-5:30pm
Effective Communication Skills Kathleen Bonvicini

Student Case Presentations start on Thursday at 1:30pm. Session 2 for veterinary students begins on Saturday at 8:00am.
SATURDAY, SEPTEMBER 12

CLINICAL FORUMS 2*

AABP is offering its always popular Clinical Forums twice during the conference. These small group discussions feature a broad range of topics. Respected experts facilitate interaction centering on actual challenges participants face in practice. Audience input is encouraged. Arrive with your experiences and problems, and leave with real-world suggestions and solutions.

Cost is $50 USD per session and includes a hot breakfast. Enrollment is limited to 20 per Forum.

Saturday, September 12
7:00-9:00am
HOT BREAKFAST!

7  Transition Cow Management
Ken Nordlund
8  Helping Dairies Survive in Tough Economic Times  Dave Galligan
9  Practical Ideas for Improving Reproduction in Beef Herds  G. Cliff Lamb

10  Client Education/On-farm Training in Repro Management  Maarten Drost
11  Where Do We Stand on Animal Welfare?  Jim Reynolds
12  Evolving Toward a More Consultative Private Practice  Greg Goodell

Clinical Forums 1 is Thursday, 7:00-9:00am (page 26).

SPLIT CONFERENCE SESSIONS: BEEF

SESSION 2: INTELLIGENT CATTLE MARKETING—EUTHANIZING CURRENT PARADIGMS

Saturday, September 12
8:00-11:30am
Moderator: Tom Noffsinger

8:00-10:00am
Intelligent Cattle Marketing: To Avoid Extinction the Current Paradigm of Terminal Incompetence Must Be Euthanized—Part 1  Ann Barnhardt

10:30-11:30am
Intelligent Cattle Marketing: To Avoid Extinction the Current Paradigm of Terminal Incompetence Must Be Euthanized—Part 2  Ann Barnhardt

SESSIONS FOR STUDENTS

Saturday, September 12
8:00-11:30am
Moderator: Israel Isenberg

8:00-8:40am
Introduction to Production Medicine  Walter Guterbock

8:40-9:20am
Overview of Synchronization Protocols  Paul Fricke

9:20-10:00am
Feedlot Epidemiology  Calvin Booker

10:00-10:30am
Milk/Refreshment Break

10:30-11:30am
Securing Your First Job  Brian Reed

CALLING CANADIAN VETERINARIANS!

YOU ARE INVITED to the 2nd Annual General Meeting of the CABV-ACVB THURSDAY, September 10 • 12:30-1:15pm

Members of the Canadian Association of BovineVeterinarians/Association Canadienne des Vétérinaires Bovins, including all Canadian regional associations, are welcome at the Annual General Meeting required by the Association Bylaws. What better place to meet than at the AABP conference among other North American colleagues?

This past year CABV/ACVB has participated and consulted on issues ranging from the Prudent Use Guidelines (a CVMA request) to the Own Use Import policy for pharmaceuticals crossing the US border. Be part of this leadership initiative for those with interest in bovine health and production medicine in Canada. Join our common voice on issues of national importance.

All Members of CABV/ACVB, WCABP, OABP, AMVPQ, and ABPA Are Encouraged to Attend
RESEARCH SUMMARIES 4
Saturday, September 12
8:00-11:30am

Student Case Presentations start on Thursday at 1:30pm. Session 1 for veterinary students begins on Friday at 4:00pm.

Look for times, titles, and presenters in the August 2009 issue of the AABP Newsletter and in the AABP Pocket Guide you receive at the conference. This information is also available after August 1 at aabp.org. Session 1 is Thursday, 1:30-5:30pm. Session 2 is Friday, 8:00am-12:00pm. Session 3 is Friday, 1:30-5:30pm.

8TH ANNUAL AABP VETERINARY TECHNICIAN PROGRAM: SESSION 2
Saturday, September 12
9:00am-4:00pm

AABP is pleased to present the second part of the new 2-day program for veterinary technicians. This second session comprises three laboratory opportunities. Technicians are also free to attend any conference session offered from Thursday through Saturday for veterinarians. Practitioners are welcome in all Veterinary Technician Program sessions.

SESSION 2
9:00-11:00am
LAB: Techniques in Necropsy & Photo Imaging. Bruce Brodersen

11:00am-1:00pm
LAB: Assisting with Calvings. David Smith

2:00-4:00pm
LAB: Field Nutrition Techniques. Kevin Hoogendoorn

Session 1 of the Veterinary Technician Program begins on Friday at 8:00am.

GENERAL SESSION 4: YOUR HEALTH
Saturday, September 12
2:00-5:45pm
Moderator: Virginia Fajt

2:00-2:15pm
Winner’s Presentation: Student Case Competition

2:15-3:00pm
Health Risks to Veterinarians & Associated Personnel: Handling Pharmaceuticals & Biologicals. Kelley Donham

3:00-3:30pm
Health Risks to Veterinarians & Associated Personnel: The Need for Behavioral Health Services. Kelley Donham

3:45-4:15pm Milk/Refreshment Break

4:15-5:45pm
Your Livelihood: Your Neck, Shoulder, and Arm ... Diagnosis: Rehabilitation & Avoidance of Problems. Ron Ailsby

SPLIT CONFERENCE SESSIONS: DAIRY
SESSION 2:
MYCOPLASMA & BVD: NEW INFORMATION ON OLD TOPICS—WHAT WE SHOULD BE DOING FOR CONTROL
Saturday, September 12
2:00-5:30pm
Moderator: Chris Malherbe

2:00-2:30pm
Mycoplasma As an Environmental Isolate on Dairy Farms. Ricardo Rosenbusch

2:30-3:00pm
Effects of Temperature & Humidity on the Survival of Mycoplasma Organisms in Recycled Bedding Sand. Anne Justice-Allen

3:30-4:00pm Milk/Refreshment Break

4:00-4:30pm
Management Approaches to Reducing or Eliminating Mycoplasma Mastitis in a Dairy Herd—What Has Been Working & Not Working. David Wilson

4:30-5:00pm
Perspective on Planned BVD Control Strategy. Dale Grotelueschen

5:00-5:30pm
BVD Control for the Dairy Practitioner: Strategies & Implementation. Scott Smith

THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS IS PLEASED TO WELCOME MORE THAN 100 OUTSTANDING EXHIBITORS

AT THIS YEAR’S CONFERENCE
Be Sure to Visit the Exhibit Hall in Qwest Center Omaha on Thursday, September 10, & Friday, September 11
The Officers, Directors, and Program Committee of the AABP wish to express sincere appreciation for the expertise, experience, and demonstrated leadership these 2009 session and seminar presenters are contributing to the annual conference.
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See you next year in
August 2010
43rd Annual Conference
Albuquerque, New Mexico
August 19-21, 2010
NEW in 2009!

**SILENT AUCTION** in the Exhibit Hall: Thursday, September 9, at 9:00am to Friday, September 11, at 4:00pm. **LIVE AUCTION** at the AABP Foundation/Pfizer Animal Health Awards Dinner on Friday, September 11.

*Use this handy page to keep a record of items on which you are bidding.*

### SILENT AUCTION

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<tr>
<th>Item #</th>
<th>Description</th>
<th>My Initial Bid</th>
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All proceeds from both auctions benefit AABP’s Amstutz Student Scholarship Program.

Pay by cash, check, American Express, MasterCard, or Visa. Items can be shipped for an added charge.