43RD ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS AND ACADEMY OF VETERINARY CONSULTANTS SUMMER MEETING

August 18-21, 2010
Albuquerque Convention Center
Albuquerque, New Mexico

- Preconference Specialty Seminars: Sunday, August 15-Wednesday, August 18
- Veterinary Student Sessions: Thursday, August 19/Saturday, August 21
- Veterinary Technician Program: Friday, August 20-Saturday, August 21
- Combined Agenda with American Association of Small Ruminant Practitioners
- NEW THIS YEAR! AABP Welcomes AVC

REGISTRATION NOW OPEN
Preregister Online 24/7 at www.aabp.org or Use the Form Inside
THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

wishes to express gratitude to the following companies for their generous financial support of the 43rd Annual Conference.

- Bayer Animal Health
- Diamond V Mills, Inc.
- Elanco
- Intervet/Schering-Plough Animal Health
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- Novartis Animal Vaccines, Inc.
- Pfizer Animal Health
- Pioneer Hi-Bred International
- Vance Publishing
GET READY TO ENJOY ALBUQUERQUE THIS SUMMER, as the AABP 43rd Annual Conference prepares to meet in conjunction with the Academy of Veterinary Consultants Summer Meeting. The 2010 AABP-AVC Program Committee invites you to take full advantage of this outstanding opportunity to participate in one of the most extensive scientific programs ever assembled on cattle disease and production.

Albuquerque combines a unique blend of multiculturalism, natural beauty, remarkable historic attractions, museums, galleries, and shopping to create a distinct and unforgettable visit. At 5,500 feet elevation, Albuquerque’s “high desert” location has four distinct seasons, low humidity, and 310 days of sunshine a year. The city’s population of more than 500,000 comprises cultures from around the world, incorporating a prominent blend of Native American and Spanish ancestry. Beginning with its birthplace in historic Old Town in 1706, Albuquerque has grown from small pueblos and Spanish farms to one of the Southwest’s premier metropolitan centers.

While in Albuquerque, you can discover New Mexico’s Native American culture in the ancient cliff dwellings and petroglyphs and in the lifestyles of the area’s earliest civilizations. Nowhere outside the Albuquerque area are so many pueblos accessible to the public, often within an hour’s drive. The Indian Pueblo Cultural Center features the history, art, and culture of New Mexico’s 19 Indian pueblos and, on weekends, presents free Native American dances and craft demonstrations. The National Hispanic Cultural Center is dedicated to preserving the rich artistic and cultural heritage integral to the Hispanic community worldwide and includes an arts museum as well as three theaters.

Conference attendees may also want to check out the Sandia Peak Aerial Tramway, which travels 2.7 miles up the Sandia Mountains every 20 minutes for a truly breathtaking view of Albuquerque and far beyond at 10,000 feet elevation. Historic Route 66, commissioned in 1926 and finished just before World War II, weaves through Albuquerque capturing the pulse of the city and connecting all of its popular attractions.

Start your conference experience with one or more of 27 preconference seminars. Back again this year are Clinical Forums, which enable you, the bovine practitioner, to interact directly with renowned authorities in a small discussion group format. The Program Committee has recruited 13 of the conference’s top-notch speakers, so sign up early to secure your place for a tasty hot breakfast and 2 hours of concentrated discussion with the expert of your choosing.

You can count on the most up-to-date and innovative sessions covering Beef, Cow-Calf, Dairy, Feedlot, and General cattle topics. This year’s featured speaker for the first General Session is Dr. John Thomson, dean of Iowa State University’s College of Veterinary Medicine. The traditional Beef and Feedlot sessions have been replaced by three AVC sessions formulated by Dr. Tom Latta, AVC President-Elect, Program Chair, and Session Coordinator. Regardless of your interests, you will be equipped with information that you can take home and use in your practice immediately. Veterinarians and veterinary technicians are also invited to attend a 2-day Veterinary Technician Program featuring lectures on Friday and off-site sessions on Saturday (see page 14).

We again welcome the American Association of Small Ruminant Practitioners, which will meet jointly with the AABP and AVC in Albuquerque. Every conference registrant can attend sessions scheduled as part of the integrated AABP and AASRP agendas, which are especially useful for the mixed animal practitioner.

In addition to the primary scientific sessions, Practice Tips, Research Summaries, Student Case Presentations, and Scientific Posters will be offered at the Albuquerque Convention Center.

It’s clear that Albuquerque’s authentic attractions, history, unique cuisine, and spectacular red sunsets combined with an inspired program for bovine practitioners will ensure an unforgettable August 2010 meeting. We encourage you to register now.

Roger Saltman, AABP President
Jerry Stokka, AVC President
Christine Navarre, Program Chair
John Schnackel, Local Arrangements Coordinator
AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

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

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General Sessions Coordinator . . . . . . . . Dan Thomson
AASRP Coordinator . . . . . . Joan Bowen
Dairy Sessions Coordinator . . . . . . . . Edwin Kreykes
AVC Sessions
Coordinators . . . . . . . . . . . Tom Latta, Jerry Stokka
Student Case Presentations
Coordinator . . . . . . . . . . . . . . . . . Joe Tabor
Student Sessions Coordinator . . . . . . . . Joe Tabor
Veterinary Technician Coordinator . . . . . . . Richard Wiley
Practice Tips . . . . . . . . . . . . . . . Greg Ecks
Research Summaries
Coordinators . . . . . . . . . . . . . Dan Givens, Paul Rapnicki
Poster Sessions
Coordinators . . . . . . . . . . . . . Dan Givens, Paul Rapnicki
Clinical Forums . . . . . . . . . . . Christine Navarre
Local Arrangements
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REGISTRATION
How to Register for the Conference

WHAT YOU’LL NEED

Easy, secure online registration for AABP, AVC, and AASRP members is available at www.aabp.org. In addition, this booklet contains complete conference information, including forms you can use to register by email, US Mail, or fax (see center section).

DETERMINING YOUR SCHEDULE

You will receive an easy-to-follow AABP 2010 Pocket Guide showing locations, times, dates, and special-event reminders in grid format when you pick up your Registration Packet in Albuquerque. It presents what is happening during every hour of every preconference and conference day and where. The conference calendar is also available during the summer on the AABP website (www.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.

PLEASE NOTE

AABP Registration Refund Policy

Refund requests received before August 6, 2010, qualify for a 100% refund. Refund requests received after August 6 and before August 18 qualify for a 50% refund. Refund requests received after August 18 will be reviewed on a case-by-case basis but may not be eligible for a refund.
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Albuquerque, with hotel locations and transit, is located on page C6.

* Details, including times, titles, and presenters of the Research Summaries, will be published in the
August AABP Newsletter and in the AABP 2010 Pocket Guide, which all attendees receive at registra-
tion. Similar information will be available on the AABP website by July 1 (www.aabp.org). Research
Summaries 1 is Thursday, August 19, from 1:30-5:30pm. Research Summaries 2 is Friday, August
20, from 8:00am-12:15pm. Research Summaries 3 is Friday, August 20, from 1:45-5:45pm.
Research Summaries 4 is Saturday, August 21, from 8:00-11:30am.

AABP WELCOMES AVC
AABP is pleased to
welcome members of the
ACADEMY OF
VETERINARY
CONSULTANTS
who are conducting their
2010 Summer Meeting in
conjunction with the
43rd Annual AABP
Conference.
AABP scientific sessions
have been integrated into
the AABP conference
agenda and are
open to all.

AVC EXECUTIVE BOARD
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LOCATION

Scientific sessions, seminars, exhibits, posters, and other scheduled activities during the conference will be held at the Albuquerque Convention Center (ACC), 401 2nd Street NW, Albuquerque, NM 87102-2203, 505-768-4575. Some preconference seminars will be held at the Hyatt Regency Albuquerque, 330 Tijeras Avenue NW (adjacent to the ACC).

REGISTRATION

Albuquerque Convention Center
East Complex - Ground Floor Lobby

Sunday, August 15 ..................1:00-5:00pm
Monday, August 16 ..............7:00am-5:00pm
Tuesday, August 17 ..........7:00am-5:00pm
Wednesday, August 18 ......7:00am-5:00pm
Thursday, August 19.........7:00am-5:00pm
Friday, August 20 ..............7:00am-5:30pm
Saturday, August 21 ..........7:00-11:00am

.................................2:00-5:30pm

TRAVEL INFORMATION & RESERVATIONS

AABP TRAVEL AGENCY

Travel Matters in Schaumburg, Illinois, is handling travel arrangements for the 2010 AABP Conference. Ms. Jackie Galarza is the primary contact, but any staff answering the phone at Travel Matters will be ready to assist you.

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. Note that 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.)

TO CONTACT TRAVEL MATTERS

Call the toll-free WATS line, 800-733-4180 or 847-397-4488. You can also 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 August 9 through August 27, 2010.
About the Conference

THE 43RD ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

EXHIBITS

Albuquerque Convention Center
NE/SE Exhibit Hall (Ground Level)

Hours
Thursday, August 19 ........8:00am-7:00pm
Friday, August 20 ..........8:00am-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 Albuquerque, 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 luncheon time on Thursday and Friday.

Headquarters Hotel
Hyatt Regency Albuquerque
330 Tijeras Avenue NW

Other Hotels
Doubletree Hotel Albuquerque
201 Marquette Avenue NW

Embassy Suites Hotel
Albuquerque
1000 Woodward Place NE

Hilton Albuquerque
1901 University Blvd NE

Hotel Andaluz
125 Second Street NW

Distance from ACC
Hyatt Regency Albuquerque is adjacent to the Albuquerque Convention Center (ACC).

The Doubletree Hotel Albuquerque offers easy access to the ACC via an underground concourse, and both the Hyatt Regency Albuquerque and Hotel Andaluz are within walking distance of the ACC.

The Embassy Suites Hotel Albuquerque and Hilton Albuquerque offer peak-time shuttles to the ACC.

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

LUNCH IS AVAILABLE IN THE EXHIBIT HALL
THURSDAY
12:00-1:30PM
FRIDAY
12:15-1:45PM

A “Come Join Us” Buffet Reception, sponsored by the AABP exhibitors, will be held in the Exhibit Hall from 5:30 until 6:45pm on Thursday, August 19. Here, 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. Exchange your “Bucks” for lunch vouchers at each sponsor’s exhibit booth. Thursday’s “Bucks” are yours courtesy of Pfizer Animal Health (booth 425). Friday’s “Bucks” are provided through the courtesy of Intervet/Schering-Plough Animal Health (booth 301).
MEETINGS, MEALS, RECEPTIONS

3RD ANNUAL AABB JOB FAIR
Friday, August 20
7:00-9:00pm
ACC
Students plus food animal and mixed animal practitioners will meet and explore pathways to future study and working relationships at AABB’s 3rd Annual Job Fair. It’s an instant network! This fair is an excellent opportunity for veterinary students with food animal interests to find out more about potential externships and postgraduate employment. Open to students in any year of study. Third-year and fourth-year students: bring your resume with you.

AABP ANNUAL BUSINESS MEETING & AWARDS LUNCHEON
Saturday, August 21
11:30am-2:00pm
Preregister for luncheon when you register for the conference (no charge). 
Sponsored in part by Alpharma

Every conference attendee is invited! Admission to the meeting and luncheon is included in your registration fee.

AABP BOARD OF DIRECTORS MEETINGS
Wednesday, August 18......7:00am-5:00pm
Thursday, August 19........7:00-9:00am, 12:00-1:30pm (Media Luncheon)
Friday, August 20...........7:00-9:00am, 12:15-1:45pm
Saturday, August 21.........7:00-9:00am

AABP COMMITTEE MEETINGS
Thursday, August 19
9:00-10:30am
Express your interests and concerns as you participate in informal discussions centered on these primary topic areas of importance to bovine practitioners.

Note: Any AABB member can attend any Committee Meeting.
- Amstutz Scholarship
- Animal Welfare
- Beef Production Management
- Biological Risk Management and Preparedness
- Bovine Respiratory Disease
- Bylaws
- Food Quality, Safety, and Security
- Forward Planning
- Information Management
- Lameness
- Membership
- Milk Quality and Udder Health
- Nutrition
- Pharmaceutical and Biological Issues
- Reproduction

AABP-L (LISTSERV) & NEW MEMBER RECEPTION
Thursday, August 19
8:00-9:00am
Moderator: Aurora Villarroel, Information Management Committee Chair
Here is an excellent opportunity to stay current, get answers, provide information to others, and learn through the AABP-Listserv. This informal hour enables AABB-Lers to meet for casual, constructive discussions. Enjoy breakfast beverages and pastries, meet new AABB members, and talk to Listserv users.

AABP PROGRAM COMMITTEE MEETINGS
Location: Registration Desk
Wednesday, August 18 ............5:30pm
Thursday, August 19 .............5:00pm
Friday, August 20 ..................5:00pm
Note: Any Program Committee member who is unable to attend is asked to send a moderator or representative in his/her place.

AASRP MEMBER BREAKFAST
Saturday, August 21
7:00-8:00am

ABVP CERTIFICATION WORKSHOP
Friday, August 20
12:15-1:45pm
Feel free to pick up lunch in the Exhibit Hall and take it with you to the workshop.

ABVP DIPLOMATE LUNCHEON
Thursday, August 19
12:00-1:30pm

AVC BUSINESS MEETING/LUNCHEON
A VC Members Only
Friday, August 20
12:15-1:45pm

AVC MEMBER BREAKFAST
AABP Members are welcome to attend
Saturday, August 21
6:15-7:45am
Sponsored by Merial

Factors Involved in Responding to a Foreign Animal Disease Emergency: What Role Would Feedlot Consulting Veterinarians Play?
Dr. Marty Vanier, Director, National Agricultural Biosecurity Center

Using a Kansas feedlot exercise model, Dr. Marty Vanier will describe what the first response to a highly contagious foreign animal disease outbreak would look like.
BREAKFAST WITH A BOVINE TWIST
Open to All Conference Attendees
Friday, August 19
6:30-7:45am
Pre-register for breakfast when you register for the conference (no charge).
Sponsored by Diamond V

Understanding Milk Fat Depression in Dairy Cattle: Causes and Cures
Tom Jenkins, PhD
Professor, Department of Animal and Veterinary Sciences, Clemson University

Comprehensive, insightful discussion along with a hot full-course breakfast.

CABV-ACVB 3RD ANNUAL GENERAL MEETING
Thursday, August 19
12:30-1:15pm
The Canadian Association of Bovine Veterinarians/Association Canadienne des Vétérinaires Bovins will hold its annual meeting as required by the bylaws. Pick up your lunch and join the group. Also see page 30.

CHRISTIAN VETERINARY MISSION BREAKFAST
Saturday, August 21
6:30-7:45am
Fee: $15.00 (register online or on conference form under “2010 Tours & Breakfast”)

COMMITTEE CHAIRPERSONS BREAKFAST
Thursday, August 19
6:30-8:30am

FACULTY REPRESENTATIVES, FOOD ANIMAL EDUCATORS, & EXTENSION VETERINARIANS BREAKFAST
Friday, August 20
6:00-9:00am

INTERNATIONAL MEMBERS RECEPTION
Thursday, August 19
9:00-10:00am (Note new time!)

INTERNET CAFÉ (EXHIBIT HALL)
During Exhibit Hours
Thursday, August 19 ........8:00am-7:00pm
Friday, August 20 ..........8:00am-4:00pm

LUNCH “BUCKS”
All AABP registrants receive “Bovine Bucks” applicable toward vouchers worth $12 when purchasing a beverage and a variety of food items in the Exhibit Hall at lunchtime on Thursday and Friday. Each “Buck” must be exchanged for a voucher at the sponsor’s booth: Thursday = Pfizer Animal Health, Friday = Intervet/Schering-Plough Animal Health.

SPEAKER READY ROOM
Wednesday, August 18-
Saturday, August 21
8:00am-5:00pm

STUDENT RECEPTION
Thursday, August 19
9:00pm-12:00am
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 establishment for beverages, snacks, and lively conversation.

CONFERENCE SERVICES

HOSPITALITY ROOM
Thursday, August 19-Saturday, August 21
9:00am-5:00pm
"Accompanying Person" registrants are welcome to enjoy the Hospitality Room from Thursday through Saturday.

LOOK FOR YOUR “BOVINE BUCKS”
Check your Registration Packet for "Bovine Bucks."
Exchange each Buck at the sponsor’s Exhibit Hall booth for a lunch discount voucher ($12 value).

Bovine Bucks are provided on Thursday by Pfizer Animal Health
Booth 425
and on Friday by Intervet/Schering-Plough Animal Health
Booth 301
Welcome AVC Members!

Academy of Veterinary Consultants
Summer Meeting

August 20-21, 2010* • Albuquerque Convention Center, Albuquerque, New Mexico

Meeting Agenda

The 2010 AVC Summer Meeting is being held in conjunction with the 43rd Annual AABP Conference. AVC scientific sessions are incorporated in the AABP conference agenda and are open to all AVC, AABP, and AASRP registrants. The AVC Business Meeting/Luncheon on Friday and Member Breakfast on Saturday are limited to AVC members.

Friday, August 20

Session 1: Economics of Consulting
Moderator: Tom Latta

8:00-9:00am
Dairy Production: 1940s Through Today
Judith Capper
9:00-10:00am
Beef Production: Changes Over the Years
Ben Wileman
10:00-10:45am Milk/Refreshment Break
10:45-11:30am A Dairy Practice Business Model
Tom Wakefield
11:30am-12:15pm A Swine Practice Business Model
Daryl Olsen

AVC Business Meeting/Luncheon
12:15-1:45pm
Albuquerque Convention Center

Saturday, August 21

AVC Member Breakfast
6:15-7:45am
Albuquerque Convention Center
Sponsored by Merial

Factors Involved in Responding to a Foreign Animal Disease Emergency: What Role Would Feedlot Consulting Veterinarians Play?

Dr. Marty Vanier, Director, National Agricultural Biosecurity Center

Session 2: Holsteins in the Feedyards
Moderator: Tom Latta

1:45-3:45pm A Comparison of Black and Whites and Colored Cattle in the Feedlot
Jerry Biwer
3:45-4:15pm Milk/Refreshment Break
4:15-5:45pm Tri-State Steer Carcass Futurity Data
Darrell Busby

Session 3: Export & Shipping/Handling Issues
Moderator: Tom Latta

8:00-9:00am Russian Dairy Export
Scot Martin
9:00-10:00am The Export Business and Opportunities for the Veterinarian
Tom Latta
10:00-10:15am Milk/Refreshment Break
10:15-11:30am Animal Health Problems Associated with Hauling, Shipping, and the Post-Transit Period
Brad White

*AVC members are welcome to register for an additional day to attend the entire 43rd Annual AABP Conference.
WELCOMING RECEPTION
Wednesday, August 18
6:00-8:00pm
Hosted by the AABP Program Committee
Sponsored by Bayer Animal Health

Here’s the easy way to discover what Albuquerque and the Albuquerque Convention Center hold in store for you! Plan your conference days while you visit with old and new friends and colleagues. Members of the AABP Program Committee will be present to answer your questions about the 2010 program. You can also talk with representatives of the Albuquerque Convention Center and Visitors Bureau as well as event planners and local veterinarians. Individuals familiar with Albuquerque will be available to answer your specific questions about the city. Make this your stop for Wednesday night’s dinner! A cash bar will be open, and tea and water will be provided at no charge. It’s the ideal introduction to the 43rd Annual Conference.

“JUST DESSERTS” RECEPTION
Wednesday, August 18
8:00-9:00pm
Sponsored by Merial

Wind up your Wednesday Welcome with a delicious dessert party after the Welcoming Reception. You’ll find an abundance of goodies and learn who’s won the 2010 Milk Quality Award.

“COME JOIN US” DINNER
Thursday, August 19
5:30-6:45pm
Location: ACC Exhibit Hall
Sponsored by the AABP Conference Exhibitors

AABP invites every conference registrant for dynamic conversation and a tasty dinner in the Exhibit Hall before the Opening Ceremony and Practice Tips, which begin at 7:00pm.

FRIDAY EVENING AUCTION & DINNER
AABP Foundation/Pfizer Veterinary Student Scholarship Awards & Amstutz Scholarship Auction
Friday, August 20
6:00-9:00pm
Location: ACC
Sponsored by Pfizer Animal Health

The 2nd Annual AABP Silent and Live Auctions are being hosted by the Amstutz Scholarship Committee at the Annual Conference. All proceeds from both auctions go to AABP’s premier Student Scholarship Program. The Silent Auction will be held in the Exhibit Hall during exhibit hours on Thursday and Friday. An energetic Live Auction will be conducted along with this Friday Evening Dinner event, offering exciting items for bidding. Substantial hors d’oeuvres and a buffet dinner will sustain you while you place your winning bids!

PLEASE NOTE

WE’RE TAKING A LITTLE SIESTA
The Annual Golf Tournament Will Not Be Held in 2010
Play Will Resume in 2011 So Practice Your Putting!

SATURDAY DINNER EVENT
An Enchanting Southwestern Fiesta
from Intervet/Schering-Plough Animal Health
Saturday, August 21 • 6:00-9:00pm • Location: ACC
Sponsored by Intervet/Schering-Plough Animal Health

Thanks to the generosity of Resflor Gold from Intervet/Schering-Plough Animal Health, this event is complimentary. Tickets are limited to 750, first-come, first-served. Reserve in advance online at www.aabp.org or use the 2010 Registration Form on page C4. Enjoy a delightful evening with your colleagues after the conference as you dine on a superb buffet of specialty dishes that represent Albuquerque’s local cuisine.
Going Once ... Going Twice ... 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.

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, August 19, at 8:00am to 3:00pm on Friday, August 20. AABP members can also place bids online through the AABP website (www.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.

A LIVE AUCTION will be held simultaneously with the Friday Night 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 www.aabp.org/auction/live.asp.

Payment can be made via cash, check, or credit card (American Express, MasterCard, or Visa). Items can be shipped for an added charge.

PURCHASE LUNCH IN THE EXHIBIT HALL
Thursday 12:00-1:30pm
Friday 12:15-1:45pm
Save with Your Bovine Bucks!
PRACTICE TIPS & TAKE-HOME TIDBITS

Thursday, August 19
Following the Opening Ceremony at 7:00pm
Moderator: Greg Eckis

 Bits of useful information ... with a bit of entertainment to boot!

Make solid decisions in record time thanks to state-of-the-art medicine and the advice of colleagues with real know-how! Take home levelheaded advice from seven respected veterinarians who have an inside track regarding what matters in practice.

8:00-8:10pm
Online CE Tips
Daniel Thomson

8:10-8:20pm
Top New Uses of Physical and Chemical Property Measuring Tools (pH Meters, Refractometers, Temperature Data Loggers)
Phillip Jardon

8:20-8:30pm
Tables, Trays, Ropes, and DAs
Beau Bamberg

8:30-8:40pm
Arms-Free Pregnancy Diagnosis with Ultrasound
Andrew Bronson
Bruce Hill

8:40-8:50pm
Cornbread, Cognac, and Copenhagen
Kerry McGehee

8:50-9:00pm
Tennessee Tidbits
Hugh McCampbell

VETERINARY STUDENTS
PRACTITIONERS WITH OPENINGS
Meet to Talk Possibilities

3RD ANNUAL
JOB FAIR
FRIDAY EVENING · 7:00-9:00PM · ACC

Explore potential externships and postgrad employment through search networking at its best.

All Students Welcome
3rd or 4th Year, Bring Your Resume!
HAVE AN EXTRA GOOD TIME IN ALBUQUERQUE

Choose one, two, or three organized excursions that will travel beyond this already fascinating city!

ACOMA INDIAN PUEBLO/“SKY CITY” TOUR
Wednesday, August 18
Duration: 10:00am-3:00pm
Fee: $75/person
Lunch: On your own, Yaaka Café (Cultural Center)
Website: sccc.acomaskycity.org

Tour the famous Acoma Indian Pueblo, known as the “Sky City,” the oldest continuously lived-in community in the United States, which sits atop a 375-foot mesa. The trip begins west of Albuquerque along Interstate 40, paralleling the “Mother Road,” Route 66, across the famous historic Rio Puerco Bridge and past the Route 66 Casino, which is owned and operated by the Laguna Indian Pueblo. You will pass the beautiful Laguna Pueblo Church at the top of the village, a landmark recognizable in many southwestern paintings and photographs. Then you will have an overview of the pueblo and its beautiful native dance, the Shalako ceremony. Next you will travel across the Acoma Indian Pueblo, with its Native American religious sites and ancient homes, along with more modern dwellings. The tour will continue to the Sky City Visitor Center. There you will board Acoma buses that will access the summit, accompanied by a native Acoma guide who will offer the historical and cultural perspectives on this intriguing southwestern village. You will also have time to explore the Haaku Cultural Center and Museum and theater as well as have lunch.

SANDIA PEAK TRAM & LUNCH TOUR
Thursday, August 19
Duration: 10:00am-2:30pm
Fee: $75/person
Lunch: Included in fee
Website: www.sandiapeak.com

Experience the drama of an 11,000-square-mile panoramic view of New Mexico on the world’s longest aerial tramway. From the base to the top of 10,378-foot Sandia Peak, time and terrain will seem to move in harmony as you lift from the desert floor, above canyons and lush forests, to the mountain top, enjoying 2.7 miles of sky-view travel and the captivating discovery of New Mexico’s varied landscape and life zones. While at the top of the Sandia Mountains, you’ll have the pleasure of delightful dining at High Finance, one of New Mexico’s finest restaurants.

Details are also available at www.aabp.org, “Entertainment.”
Register online or by using the AABP 2010 Conference Registration Form on page C5.
SANTA FE TOUR – THE CITY DIFFERENT

Friday, August 20
Duration: 9:30am-3:30pm
Fee: $55/person
Lunch: On your own (guide can assist)
Website: www.santafenm.gov

Enjoy a cultural and artistic tour of Santa Fe, the oldest capital city in the United States, which offers a unique and enchanting experience. You’ll begin with a drive to Santa Fe from Albuquerque along the scenic Turquoise Trail, stopping to shop in the historic mining village of Madrid, New Mexico, a former ghost town now known for its quality arts and crafts. After arriving at “The City Different” via the Santa Fe Trail, you will make a stop to view the life-sized bronze diorama "Santa Fe Passage." Next, during a walking tour of historic Santa Fe, you’ll visit the San Miguel Mission, which is the oldest church in America (1610), and the French Romanesque-styled Loretto Chapel, with its miraculous spiral staircase. There will be time to shop and enjoy the plaza area, offering opportunities to visit the exquisite Georgia O’Keeffe Museum or the Museum of Indian Arts and Culture.

The Palace of the Governors features Native American artists from each of the 19 pueblos of New Mexico. While in Santa Fe, your guide will help you choose the perfect place to enjoy lunch.

TRANSPORTATION: Tour buses will be available for boarding in the curb cut-out at the entrance to the ACC West Complex across from the Civic Plaza 30 minutes before the scheduled departure time.

AABP invites attendees registered in the “Accompanying Person” category to refresh and take a break!

Badge Required
2 Full Days of Learning & Doing

Following Friday’s in-depth lectures on topics of special interest to large animal veterinary technicians, you’ll gain singular technician insights and hands-on experience in hoof trimming at the New Mexico Department of Agriculture Veterinary Diagnostic Laboratory on Saturday. Veterinary technicians can also attend any session for veterinarians.

SESSION 1
Friday, August 20 • 8:00am-5:45pm

MORNING
8:00am-12:15pm
Moderator: Dick Wiley
8:00-9:00am Herd Disposition – Convenience Trait or Economically Important? Darrell Busby
9:00-10:00am Talking with Friends and Clients About Their Concerns with Animal Agriculture David Smith
10:00-10:45am Milk/Refreshment Break
10:45-11:45am Dairy Metabolic Diseases Garrett Oetzel
11:45am-12:15pm BQA/Injection Site Reaction Issues John Schnackel

AFTERNOON
1:45-5:45pm
Moderator: Dick Wiley
1:45-3:45pm Health Strategies for Organic Dairy Cattle Hubert Karrman
3:45-4:15pm Milk/Refreshment Break
4:15-5:45pm Small Ruminant Medicine Jerry Roberson

SESSION 2
Saturday, August 21 • 8:00am-5:00pm

Off-site: New Mexico State Diagnostic Lab
8:00-9:30am Day in the Life of an LA Vet Tech David White
10:00-11:30am New Mexico Department of Agriculture Veterinary Diagnostic Lab Tour Flint Taylor
2:00-5:00pm Hoof Trimming Wet Lab Jason Osterstock

YOU’VE GOT BUCKS!

“Herd” about your 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 Booth 425
Intervet Schering-Plough Animal Health Booth 301

Thanks to Pfizer Animal Health on Thursday and Intervet/Schering-Plough on Friday, every registered veterinary technician receives Bovine Bucks.
2010 PRECONFERENCE SEMINARS

SUNDAY, AUGUST 15–WEDNESDAY, AUGUST 18

Enrollment is limited.

Register early for these popular seminars!
Sign up early for these limited-enrollment seminars, as many rapidly reach their maximum capacity. Seminars without adequate registrants are subject to cancellation as early as July 5, 2010, to facilitate making alternate travel plans, if necessary. Register online at www.aabp.org or use the form on page C4 at the center of this booklet.

Fees must be paid in US dollars drawn on a US bank.

### 2010 Preconference Seminars

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<thead>
<tr>
<th>Seminar No.</th>
<th>Seminar</th>
<th>Aug. Date</th>
<th>Coordinator</th>
<th>Fee / Max.</th>
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<tbody>
<tr>
<td>1A&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Quality Milk Production</td>
<td>15</td>
<td>Johnson</td>
<td>$295 / 30</td>
</tr>
<tr>
<td>1B&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Quality Milk Production</td>
<td>16</td>
<td>Johnson</td>
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</tr>
<tr>
<td>1C&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Quality Milk Production</td>
<td>17</td>
<td>Johnson</td>
<td>$295 / 30</td>
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<tr>
<td>2A&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Applied Dairy Nutrition</td>
<td>15-16</td>
<td>Hutjens</td>
<td>$400 / 30</td>
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<tr>
<td>2B&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Ration Building &amp; Balancing Lab-Part 2</td>
<td>17</td>
<td>Hutjens</td>
<td>$300 / 30</td>
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<td>3</td>
<td>Management of the Periparturient Dairy Cow to Optimize Reproduction &amp; Neonatal Calf Health</td>
<td>17-18</td>
<td>Risco</td>
<td>$275 / 30</td>
</tr>
<tr>
<td>4A&lt;sup&gt;c&lt;/sup&gt;</td>
<td>Basic Beef Cattle Nutrition</td>
<td>16</td>
<td>Van Saun</td>
<td>$195 / 30</td>
</tr>
<tr>
<td>4B&lt;sup&gt;c&lt;/sup&gt;</td>
<td>Beef Cattle Nutrition – Intermediate</td>
<td>17</td>
<td>Van Saun</td>
<td>$225 / 30</td>
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<tr>
<td>5</td>
<td>Beef &amp; Dairy Animal Stockmanship</td>
<td>18</td>
<td>Rapnicki</td>
<td>$200 / 40</td>
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<td>6</td>
<td>Reproduction for Success &amp; Profit</td>
<td>17-18</td>
<td>Lee</td>
<td>$450 / 30</td>
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<td>7</td>
<td>Transition Cow &amp; Calf Health Through Better Barns</td>
<td>17-18</td>
<td>Nordlund</td>
<td>$400 / 30</td>
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<tr>
<td>8A&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Understanding &amp; Using Feed Analyses</td>
<td>17</td>
<td>Prokop</td>
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</tr>
<tr>
<td>8B&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Evaluating Feed Additives</td>
<td>18</td>
<td>Hoogendoorn</td>
<td>$250 / 35</td>
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<tr>
<td>9A&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Bovine Lameness Seminar – Beef</td>
<td>17</td>
<td>Shearer</td>
<td>$250 / 30</td>
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<tr>
<td>9B&lt;sup&gt;d&lt;/sup&gt;</td>
<td>Bovine Lameness Seminar – Dairy</td>
<td>18</td>
<td>Shearer</td>
<td>$250 / 30</td>
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<tr>
<td>10</td>
<td>The Replacement Heifer from Birth to Precalving</td>
<td>17-18</td>
<td>Corbett</td>
<td>$475 / 30</td>
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<tr>
<td>11&lt;sup&gt;e&lt;/sup&gt;</td>
<td>Using Data for Decision Making in Cattle Practice</td>
<td>17-18</td>
<td>Booker</td>
<td>$500 / 20</td>
</tr>
<tr>
<td>12</td>
<td>Introduction to Dairy Farm Business Consulting</td>
<td>17</td>
<td>Welch</td>
<td>$250 / 20</td>
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<tr>
<td>13</td>
<td>Embryo Transfer &amp; Freezing Techniques</td>
<td>16-18</td>
<td>Hinshaw</td>
<td>$1,250 / 20</td>
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<tr>
<td>14</td>
<td>Amazing Grazing</td>
<td>18</td>
<td>Alley</td>
<td>$275 / 30</td>
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<tr>
<td>15</td>
<td>Current Topics in Transition Cow Nutrition, Management, &amp; Physiology</td>
<td>18</td>
<td>Townsend</td>
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<tr>
<td>16</td>
<td>Basic Reproductive Ultrasound in Practice</td>
<td>16-17</td>
<td>Chebel</td>
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<tr>
<td>17</td>
<td>Ultrasound Use in Medical &amp; Surgical Diseases of Cattle</td>
<td>18</td>
<td>Buczinski</td>
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<tr>
<td>19</td>
<td>Systems Thinking for Veterinarians in the Beef Cattle Industry</td>
<td>18</td>
<td>Groves</td>
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<tr>
<td>20</td>
<td>Assessments &amp; Audits: How Addressing Animal Welfare Is a Winning Proposition for You &amp; Your Clients</td>
<td>17</td>
<td>Reynolds</td>
<td>$300 / 30</td>
</tr>
<tr>
<td>21</td>
<td>Feedlot Nutrition</td>
<td>18</td>
<td>Reinhardt</td>
<td>$250 / 30</td>
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<tr>
<td>22</td>
<td>Understanding Milk Components &amp; Troubleshooting Herd Problems</td>
<td>18</td>
<td>Mechor</td>
<td>$300 / 30</td>
</tr>
<tr>
<td>23</td>
<td>Marriage Enrichment for Bovine Practitioners</td>
<td>18</td>
<td>Gardner</td>
<td>$35 / 12 couples</td>
</tr>
<tr>
<td>24</td>
<td>Dairy Analytics Seminar Planning Seminar</td>
<td>17</td>
<td>Ehrlich</td>
<td>No charge / 20</td>
</tr>
<tr>
<td>25</td>
<td>Precision Nutrition</td>
<td>18</td>
<td>Brose</td>
<td>$275 / 30</td>
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<tr>
<td>26</td>
<td>New Horizons in Johne’s Disease Control</td>
<td>18</td>
<td>Grooms</td>
<td>$225 / 30</td>
</tr>
<tr>
<td>27</td>
<td>Pain Management</td>
<td>16</td>
<td>Coetzee</td>
<td>$250 / 30</td>
</tr>
</tbody>
</table>

<sup>a</sup>Combination fee for 1A + 1B + 1C: $800
<sup>b</sup>Combination fee for 2A + 2B: $650
<sup>c</sup>Combination fee unavailable
<sup>d</sup>Combination fee for 4A + 4B: $400
<sup>e</sup>Graduate students, $450; veterinary students, $400
1A QUALITY MILK PRODUCTION

Objective: To give the dairy practitioner an in-depth understanding of milking routines, milker schools, hygiene products, teat dips and delivery systems, and cow comfort for large and small dairies.

Note: This is a practical seminar, not a review of literature. The course is a dynamic seminar series giving practitioners a current approach to practical milk quality.

Fee: $295 ($800 for 1A + 1B + 1C)*
Limit: 30
Level: Intermediate–Advanced

Computers: No
When: Sun., Aug. 15...........8:00am-9:00pm
Coordinator: Andrew Johnson
Faculty: Andrew Johnson, Ynte Schukken, and Guest Lecturers

Deals with the “people” issues on dairy farms, teat sanitation delivery systems, and cow comfort. This is a practical seminar, giving the practitioner the tools needed to assist dairy farmers in quality milk production. The seminar is designed for veterinarians who have some experience and knowledge of quality milk production. The evening session is for discussion, review, and supplementation of the day’s subject matter.

1B QUALITY MILK PRODUCTION

Objective: To consider the milking equipment issues on dairy farms, learn NMC testing procedures, system cleaning, parlor performance and automatic take-off information, teat scoring, and the latest in record systems (DC305).

Note: This is a practical seminar, not a review of literature. The course is a dynamic seminar series giving practitioners a current approach to practical milk quality.

Fee: $295 ($800 for 1A, 1B, 1C)*
Limit: 30
Level: Intermediate–Advanced

Computers: No
When: Mon., Aug. 16...........8:00am-9:00pm
Coordinator: Andrew Johnson
Faculty: Andrew Johnson, Ynte Schukken, and Guest Lecturers

Addresses the milking equipment issues on dairy farms, system cleaning, parlor performance and automatic take-off information, robotics, teat scoring, and the latest in record systems. This seminar is designed for veterinarians who have some experience and knowledge of quality milk production. The evening session is for discussion, review, and supplementation of the day’s subject matter.

1C QUALITY MILK PRODUCTION

Objective: To give the dairy practitioner an in-depth understanding of mastitis microbiology, bedding evaluation and culturing, environmental mastitis control, mastitis therapies, and vaccination programs.

Note: This is a practical seminar, not a review of literature. The course is a dynamic seminar series giving practitioners a current approach to practical milk quality.

Fee: $295 ($800 for 1A, 1B, 1C)*
Limit: 30
Level: Beginner–Advanced

Computers: No
When: Tues., Aug. 17...........8:00am-5:00pm
Coordinator: Andrew Johnson
Faculty: Andrew Johnson, Ynte Schukken, K. Larry Smith, and Guest Lecturers

Focuses on mastitis issues ranging from “in-house” culturing to “send-out” culturing. Major contagious and environmental

*Although each seminar (1A, 1B, 1C) stands alone, the faculty encourages attendance at all three for optimum continuity and a comprehensive educational experience. Combination fee offered.

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Thank you for Friday Milk Breaks!

Intervet Schering-Plough Animal Health
pathogens, as well as unusual types of bacteria, will be discussed. New ideas in therapy and management of problem herds will be presented. Discussion of heifer mastitis and different vaccine options will add special value.

2A 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. Includes case studies, lectures, and laboratories.

Fee: $400 ($650 for both 2A and 2B)
Limit: 30
Level: Intermediate
Computers: No
When: Sun., Aug. 15 .............8:00am-5:00pm
Mon., Aug. 16 ..................8:00am-5:00pm
Coordinator: Mike Hutjens
Faculty: Larry Chase, Mike Hutjens, Garrett Oetzel

This lab is for veterinarians who want to acquire the skills to select ration ingredients, build rations, become skilled in running Spartan II, CPM, AminoCow, and Dairy NRC 2001 model programs, and interpret computer ration output. Case studies will be used to build skills and confidence.

Participants MUST bring a laptop computer. Time will be available for one-on-one discussions, questions, and feed lab results. Seminar 2A covers the lecture phase of dairy feeding and management (former Seminar 2). Registrants can take both Seminars 2A and 2B together (reduced fee) or enroll in either seminar independently.

3 MANAGEMENT OF THE PERIPARTURIENT DAIRY COW TO OPTIMIZE REPRODUCTION & NEONATAL CALF HEALTH

Objective: To enable veterinarians to upgrade their knowledge and educate their clients in the following areas: 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., Aug. 17 ..........5:30-9:30pm
Wed., Aug. 18 ..............8:00am-5:00pm
Coordinator: Carlos Risco
Faculty: Art Donovan, Maarten Drost, Carlos Risco, Jose Santos

Taught by four highly experienced clinicians, the seminar will: (1) allow veterinarians to design a herd health protocol that emphasizes first-aid calving assistance to get 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 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 disorders management at both the individual cow and herd level. The second day will include presentations on management of postpartum health, the role of nutrition in 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 BASIC BEEF CATTLE NUTRITION

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
Computers: No
When: Mon., Aug. 16 ..........8:00am-6:00pm
Coordinator: Robert Van Saun
Faculty: W. Mark Hilton, Robert Van Saun

AABP expresses appreciation to Bayer forgenerously sponsoring the Welcoming Reception on Wednesday evening
Nutrition is the single most important management factor influencing profitability in cow-calf operations. Are you interested in providing more services to your cow-calf clients? Want to understand more about nutrition and how it can provide value added services to your practice and clients? Topics to be covered will expose the practitioner to the essential components of cow-calf nutrition, including: rumen function; forage analysis and its impact on the bottom line (cow performance and profitability); reading feed tags for profit; mineral nutrition and its role in immunity; role and economics of supplements and specialty products. This seminar will not make a nutritionist out of you, but will give you the confidence to be proactive in your clients’ nutrition decisions. Besides interactive lectures, forage testing and numbers interpretation will be demonstrated and a case study used to integrate presented information. Instructors for the program will be veterinary and beef cattle nutritionists and beef cattle practitioners currently using nutritional consultation in their practice. Come learn how nutrition can help you keep your clients more profitable. Don’t let the dairy practitioners have all the fun!

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: Yes
When: Tues., Aug. 17 ............8:00am-6:00pm
Coordinator: Robert Van Saun
Faculty: Garland Dahlke, W. Mark Hilton, Robert Van Saun

This seminar will focus on the application of information presented in the previous basic nutrition seminar by utilizing the BRANDS beef cattle nutrition program. A brief overview of rumen function, highlighting aspects of protein and carbohydrate nutrition, will provide an introduction to understanding ration formulation principles. Case studies will be used to demonstrate the BRANDS nutrition program in formulating rations for your clients. Examples will show herds where nutritional consultation has saved the client thousands of dollars per year in total feed cost while adding to the bottom line of the veterinary practice.

5

BEEF & DAIRY ANIMAL STOCKMANSHIP

Objective: Although beef and dairy operations are very different, the fundamental interactions between cattle and people 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
When: Wed., Aug. 18 ............8:00am-5:00pm
Coordinator: Paul Rapnicki
Faculty: Lynn Locatelli, Tom Noffsinger, Paul Rapnicki

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 based on MUTUAL trust, respect, and communication. The stockperson’s attitude, behavior, and skills significantly influence job satisfaction as well as the behavior, welfare, and performance of production animals.
**Program at a Glance**

**Register ONLINE at www.aabp.org**
Fast & Secure  Just click “Conference” and start packing for Albuquerque!

### Thursday, August 19  
**Registration 7:00am–5:30pm**

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<td>6:30</td>
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<td>7:00</td>
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</table>
| 8:00  | AABP-Listserv & New Member Reception  
See p. 6                       |
| 8:30  | AABP-AASRP Joint Sessions  
Small Ruminants 1  
See p. 30                   |
| 9:00  | AABP Committee Meetings  
Open to All  
See p. 6                     |
| 9:30  |                                                                         |
| 10:00 | **Break in the Exhibit Hall**  
10:00-10:30am                  |
| 10:30 |                                                                         |
| 11:00 | General Session 1  
Keynote Address: Bovine Veterinary Education  
See p. 30                 |
| 11:30 |                                                                         |
| 12:00 | **Lunch in the Exhibit Hall**  
Use Your “Bovine Bucks”!  
12:00 to 1:30 pm             |
| 1:00  | AABP Diplomate Luncheon  
See p. 6                       |
| 1:30  |                                                                         |
| 2:00  |                                                                         |
| 2:30  |                                                                         |
| 3:00  |                                                                         |
| 3:30  | **Break in the Exhibit Hall**  
3:30-4:00pm                      |
| 4:00  |                                                                         |
| 4:30  |                                                                         |
| 5:00  |                                                                         |
| 5:30  | **“Come Join Us” Buffet Dinner Reception**  
5:30-6:45pm  
*Exhibit Hall*  
Hosted by AABP Exhibitors  
See p. 9                     |
| 6:00  |                                                                         |
| 6:30  |                                                                         |
| 7:00  | **Opening Ceremony**  
Student Recognition Awards  
Amstutz Scholarships  
Agrilabs’ Bruce Wren CE Awards  
Research Assistantships     |
| 7:30  | Following the Opening Ceremony                                      |
| 8:00  | **Practice Tips & Take-Home Tidbits**  
See p. 11                   |
| 8:30  |                                                                         |
| 9:00  | **Student Reception**  
(Off-site)  
9:00pm–12:00am  
See p. 7                     |
| 9:30  |                                                                         |

### Friday, August 20  
**Registration 7:00am–5:30pm**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00am</td>
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<td>7:00</td>
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</tbody>
</table>
| 8:00  | **Breakfast with a Bovine Twist**  
6:30-7:45am                        |
| 8:30  |                                                                         |
| 8:30  | AABP-AASRP Joint Sessions  
Small Ruminants 2  
See p. 32                   |
| 9:00  |                                                                         |
| 9:30  |                                                                         |
| 10:00 |                                                                         |
| 10:30 |                                                                         |
| 11:00 | AABP-AASRP Joint Sessions  
Small Ruminants 2  
Continued                        |
| 11:30 |                                                                         |
| 12:00 | **Lunch in the Exhibit Hall**  
Use Your “Bovine Bucks”!  
12:15 to 1:45 pm             |
| 1:00  | AABP-AASRP Joint Sessions  
Small Ruminants 3  
See p. 33                   |
| 1:30  |                                                                         |
| 2:00  |                                                                         |
| 2:30  |                                                                         |
| 3:00  |                                                                         |
| 3:30  | **Break in the Exhibit Hall**  
3:45-4:15 pm                      |
| 4:00  |                                                                         |
| 4:30  |                                                                         |
| 5:00  |                                                                         |
| 5:30  | **Research Summaries 3**  
Continued                        |
| 6:00  |                                                                         |
| 6:30  |                                                                         |
| 7:00  | **3rd Annual AABP Job Fair**  
See p. 6                      |
| 7:30  |                                                                         |
| 8:00  |                                                                         |
| 8:30  |                                                                         |
| 9:00  |                                                                         |
| 9:30  |                                                                         |
## Program at a Glance

**REGISTRATION 7:00am–5:30pm**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00am</td>
<td>Christian Veterinary Mission Breakfast (Fee) 6:00-9:00am See p. 7</td>
</tr>
<tr>
<td>6:30</td>
<td>AASRP Member Breakfast See p. 6</td>
</tr>
<tr>
<td>7:00</td>
<td>AVC Member Breakfast 6:15-7:45am See p. 6</td>
</tr>
<tr>
<td>7:30</td>
<td>CLIN. FORUMS 2 7:00-9:00am (Fee) See p. 34</td>
</tr>
<tr>
<td>8:00</td>
<td>RESEARCH SUMMARIES 4 See p. 35</td>
</tr>
<tr>
<td>8:30</td>
<td>AVC SESSION 3 BEEF Shipping Issues See p. 34</td>
</tr>
<tr>
<td>9:00</td>
<td>DAIY SESSION 2 Healthy Heifers See p. 35</td>
</tr>
<tr>
<td>9:30</td>
<td>STUDENT SESSION 1 See p. 34</td>
</tr>
</tbody>
</table>

**SATURDAY, AUGUST 21**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:00</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:30</td>
<td>RESEARCH SUMMARIES 4 Continued</td>
</tr>
<tr>
<td>11:00</td>
<td>AVC SESSION 3 BEEF (Contd)</td>
</tr>
<tr>
<td>11:30</td>
<td>DAIY SESSION 2 Continued</td>
</tr>
<tr>
<td>12:00</td>
<td>STUDENT SESSION 2 See p. 34</td>
</tr>
<tr>
<td>12:30</td>
<td>AABP ANNUAL BUSINESS MEETING &amp; AWARDS LUNCHEON</td>
</tr>
<tr>
<td>1:00</td>
<td>EVERYONE INVITED</td>
</tr>
<tr>
<td>1:30</td>
<td>NO CHARGE (Admission Included in Conference Fee) PREREGISTRATION REQUIRED</td>
</tr>
<tr>
<td>2:00</td>
<td>PRESENTATION: Student Winner</td>
</tr>
<tr>
<td>2:30</td>
<td>GENERAL SESSION 4 Future of Bovine Vets See p. 35</td>
</tr>
<tr>
<td>3:00</td>
<td>VETERINARY TECHNICIAN PROGRAM Session 2 Off-site Lab See p. 34</td>
</tr>
<tr>
<td>3:30</td>
<td>BREAK 3:45-4:15pm</td>
</tr>
<tr>
<td>3:45-4:15pm</td>
<td>VETERINARY TECHNICIAN PROGRAM Session 2 Off-site Lab</td>
</tr>
<tr>
<td>4:00</td>
<td>GENERAL SESSION 4 Future of Bovine Vets Continued</td>
</tr>
<tr>
<td>4:30</td>
<td>VETERINARY TECHNICIAN PROGRAM Session 2 Off-site Lab</td>
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<td>5:00</td>
<td>VETERINARY TECHNICIAN PROGRAM Session 2 Off-site Lab</td>
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<tr>
<td>5:30</td>
<td>VETERINARY TECHNICIAN PROGRAM Session 2 Off-site Lab</td>
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**FRIDAY EVENING AUCTION & DINNER**

Pfizer Scholarship Awards / Scholarship Auction 6:00-9:00pm • ACC • No Charge • Badge Required See p. 9

**AN ENCHANTING SOUTHWESTERN FIESTA**

Dinner Event

Buffet Dinner Featuring Southwestern Cuisine • 6:00-9:00pm • ACC No Charge • Limited Tickets • Advance Reservation Required See p. 9

*Wednesday, August 18: Welcoming Reception from 6:00-8:00pm (see p. 9). Desserts Reception from 8:00-9:00pm (see p. 9)
Continued from page 19

6 REPRODUCTION FOR SUCCESS & PROFIT

Objectives: (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) troubleshooting herd reproductive programs; (4) monitoring of reproductive efficiency and compliance with programs; and (5) economic value of programs and improved reproductive efficiency. Participants should leave with the ability to assess an operation’s reproductive program, determine the appropriate use of reproductive tools, and to assess the effectiveness and economic impact of changes in reproductive efficiency.

Fee: $450
Limit: 30
Level: Intermediate
Computers: No
When: Tues., Aug. 17........8:00am-5:00pm
Optional Tues. session...........7:00-9:00pm
Wed., Aug. 18.....................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 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, and a discussion of the tools available for maximizing our ability to put semen in cows, and when to use what tool. Faculty will also take a look at prioritizing opportunities and 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 with 300 or more cows. An optional Tuesday evening session from 7:00-9:00pm will provide an opportunity to discuss topics brought up by the participants.

7 TRANSITION COW & CALF HEALTH THROUGH BETTER BARNS

Objective: To provide practitioners with the skills and tools needed to assist their clients in solving transition cow and calf problems through improved housing.

Fee: $400
Limit: 30
Level: Intermediate
Computers: No
When: Tues., Aug. 17........8:00am-5:00pm
Wed., Aug. 18...............8:00am-5:00pm
Coordinator: Ken Nordlund
Faculty: Nigel Cook, Ken Nordlund

Veterinarians are commonly asked for input in the planning and sizing of a palpation rail, calving pens, and a vet shed and surgery area. We are asked about the spaces that affect our ability to do our work. It is, however, uncommon for veterinarians to be asked for input into the planning and sizing of cow pens, freestalls, feedbunks, etc. These are the areas that influence cow productivity and health, and we should be involved in the decisions. This seminar is about earning a place at the table and having enough knowledge to improve the working conditions for both you AND the cows!

8A UNDERSTANDING & USING FEED ANALYSES

Objective: To discuss qualitative and quantitative aspects of current feed analyses, in order to better utilize this information as it is applied to rumen modeling programs for ration formulation and evaluation.

Fee: $275
Limit: 35
Level: Moderate
Computers: No
When: Tues., Aug. 17........8:00am-5:30pm
Coordinator: Bill Prokop
Faculty: Bill Prokop, Paul Sirois, Bill Stone, Mike Van Amburgh, Ralph Ward

This seminar is for anyone who formulates rations, evaluates existing rations, or just wants to learn more about the input side of dairy nutrition. The success of ration balancing is predicated on having feed analyses that accurately characterize the nutrient attributes of a feedstuff. Look at any typical analysis of feed described for input into a rumen modeling program, and you will see an impressive list of abbreviations of the various nutrients with their corresponding numerical value. And we all use these numbers as inputs for the rumen modeling software of our choice. But do you know exactly what these numbers mean or how these numbers are arrived at or which ones have more inherent variation, or perhaps which have the greatest significance with respect to the model being used? Well, few of us do. This seminar will help solve all of that. Join us as we dissect typical feed analyses with representatives of two prominent feed laboratories. Ralph Ward of Cumberland Valley Analytical Services and Paul Sirois of Dairy One will take us step by step through the current methodologies, their respective limitations, and their implied significance as well as take a look at what new technologies in characterizing feed inputs are under development. In concert with this Dr. Mike Van Amburgh from Cornell University will be on hand to describe the appropriate application of the data to contemporary ration modeling programs. Although this seminar is intended for experienced nutritionists to provide an opportunity to get answers to those insidious questions that may be plaguing them, at the same time it will afford an opportunity for those contemplating offering nutritional services to get a feel for the nuts and bolts of the science behind them.

8B EVALUATING FEED ADDITIVES

Objective: To build on the skills used to evaluate feed additives and how to give solid recommendations to clients.
Most dairy and beef producers are approached multiple times each year by sales people marketing feed additives. Producers often turn to their veterinarians/nutritionists to ask for their input and advice. The goal of this seminar is to build the skills necessary to evaluate feed additives. In the morning the seminar will focus on how to make decisions concerning feed additives based on testimonials, sales literature, on-farm research, university research, peer-reviewed research, meta analysis, and more. Participants will learn what kind of data is necessary and how much data is necessary. The afternoon will consist of case studies, looking at specific feed additives, and applying the decision making processes learned in the morning. Faculty includes individuals with expertise in feed additives, research, statistics, sales tactics, and practical decision making.

Fee: $250
Limit: 35
Level: Moderate–Advanced
Computers: No
When: Wed., Aug. 18 ..........8:00am-5:00pm
Coordinator: Kevin Hoogendoorn
Faculty: Kevin Hoogendoorn, Bill Weiss

9A
BOVINE LAMENESS SEMINAR – BEEF
Objective: To provide practitioners and others with an interest 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: Tues., Aug. 17 .........8:00am-8:00pm
Coordinator: Jan Shearer
Faculty: David Anderson, Andre Desrochers, Chuck Guard, Jan Shearer, Sarel van Amstel

Lameness is an important problem in beef cattle, resulting in significant economic loss and reduced welfare of animals affected. This session is designed to address common problems in both cow-calf and feedlot conditions, with specific emphasis on recognition and treatment of lameness disorders. Topics to be discussed will include claw trimming of bulls prior to turn-out 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.

9B
BOVINE LAMENESS SEMINAR – DAIRY
Objective: To provide participants with the latest information on pathogenesis and treatment of lameness conditions in dairy cattle.

Fee: $250
Limit: 30
Level: Basic
Computers: No
When: Wed., Aug. 18 ..........8:00am-8:00pm
Coordinator: Jan Shearer
Faculty: David Anderson, Andre Desrochers, Chuck Guard, Jan Shearer, Sarel van Amstel

Sessions will deal with multiple topics, including: the prevalence/incidence of lameness, economic consequences of lameness in individual animals and on a herd basis, methods for detection of lameness by locomotion scoring and other means, new information on pathogenesis of lameness suggesting links to cow comfort during transition, a possible connection between lameness and body condition in early lactation, and underlying causes of toe abscesses in cattle. Faculty will also address pain management, including a review of intravenous regional anesthesia techniques and therapy for the abatement of postsurgical pain. Common surgical procedures, such as claw amputation, treatment of retroarticular space abscesses, ankylosis techniques, and management of upper limb injuries, will also be addressed. Finally, because infectious disorders of the foot skin continue to be major problems in many herds, speakers will also share thoughts on footbaths and footbath management techniques to manage these conditions. In short, this will be one of the most comprehensive lameness programs ever offered as a preconference seminar.
10 THE REPLACEMENT HEIFER FROM BIRTH TO PRECALVING

Objective: Part 1 (Tues.) Birth to Weaning: 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 (Wed.) Weaning to Precalving: Management of the weaned dairy heifer, including nutrition, vaccination protocols, disease prevention, control and treatment, biosecurity, and the economics of raising dairy heifers. New information on accelerated growth programs will be covered.

Fee: $475
Limit: 30
Level: Basic
Computers: No
When: Tues., Aug. 17 ..........8:00am-10:00pm
Wed., Aug. 18 8:00am-5:00pm
Coordinator: Robert Corbett
Faculty: Chris Chase, Robert Corbett, Frank Garry, Sandra Godden, Sheila McGuiirk, Mike Overton, Mike Van Amburgh

The management and nutrition of the dairy replacement heifer must be optimized to have the heifer reach the ideal size and body condition for calving at the earliest possible date, without interfering with the calving process, milk production, or productive life of the animal. Information on maintaining the quality of colostrum during the pasteurization process and its contribution to farm biosecurity will be discussed. The pasteurization of waste milk and its nutritional contribution to maximizing heifer growth will be reviewed, as well as its role in biosecurity. It is important to understand neonatal immunology and how to develop a vaccination protocol that is effective during the development and maturation of the newborn calf, together with protecting the heifer from disease during and after pregnancy. Prevention and treatment of neonatal disease will be discussed, including how to troubleshoot disease outbreaks. Care of the neonatal calf to minimize stillbirths and early deaths will also be covered. Recent developments in the field of nutrition have enabled formulation of rations that allow the heifer to reach its maximum growth potential without interfering with productivity. Recent research supporting accelerated growth, in addition to implementation of these programs from birth to calving, will be discussed along with actual herd results. The most up-to-date information on reproductive protocols for breeding dairy heifers will be presented along with the economics of using sexed semen. Further, the economics of raising dairy heifers and its impact on the profitability of the dairy operation will be covered.

11 USING DATA FOR DECISION MAKING IN CATTLE PRACTICES

Objective: To provide knowledge of several key areas of applied epidemiology that will enable a practitioner to use data and data management to make animal health and production-related decisions and recommendations.

Fee: $500*
Limit: 20
Level: Basic
Computers: Yes (laptop)
When: Tues., Aug. 17 ..........8:00am-5:00pm
Wed., Aug. 18 8:00am-5:00pm
Coordinator: Calvin Booker
Faculty: Calvin Booker, Paul Morley, Daryl Nydam

Continuously offered for the past 6 years, the 2010 edition focuses on the most enthusiastically received topics. This 2-day seminar aims to have participants get hands-on experience learning how to use data to make better decisions in cattle practice. The seminar will start with the topic of decision making in cattle production and then step back to work through the core thought processes and basic computer skills needed to become comfortable with collecting, reviewing, summarizing, analyzing, and interpreting data. These fundamentals will then be used in interactive sessions focused on review and interpretation of the literature, use of diagnostic tests, design and summary of field trials, and economic modeling of study outcomes to teach how the use of data allows us to make better decisions. Participants will need a laptop to learn various computer skills, including Excel and other epidemiologic software, and work through a variety of hands-on exercises. Both dairy and beef data sets will be used in the program. The seminar is appropriate for veterinarians engaged in all aspects of bovine production medicine and begins at a basic level for computer skills and an intermediate level for data concepts.

*Seminar fee is reduced for graduate students ($450) and veterinary students ($400).

12 INTRODUCTION TO DAIRY FARM BUSINESS CONSULTING

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

Fee: $250
Limit: 20
Level: Basic
Computers: Yes (laptop)
When: Tues., Aug. 17 ..........8:00am-5:00pm
Coordinator: David Welch
Faculty: David Galligan, 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 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 analysis 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.

Content will be presented from the perspectives of Drs. Reed, Galligan, and Welch. Dr. Reed, relatively early in his career, decided to add dairy farm business consulting to the services he provides his clients. Dr Galligan, a professor with the University of Pennsylvania, has developed various models demonstrating the influence of management changes on dairy cow profitability. 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. Topics will include cost of production, strategies for managing in tough times, calculation and importance of various business benchmarks, farm finance from the lender’s perspective, and other spreadsheets and tools used in dairy farm analysis and business planning. Various spreadsheets will be provided to assist in analysis and calculations. Participants will use computers to explore different options to determine the effect of each strategy on a variety of financial measurements. Bring your laptop to the seminar. A reference notebook with appropriate support information will be provided.

13 EMBRYO TRANSFER & FREEZING TECHNIQUES

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

Fee: $1,250
Limit: 20
Level: Intermediate
Computers: No
When: Mon., Aug. 16 ..........8:00am-9:00pm
      Tues., Aug. 17 .................8:00am-9:00pm
      Wed., Aug. 18 .................8:00am-5:00pm
Coordinator: Randall Hinshaw
Faculty: Sam Edwards, Randall Hinshaw, Brad Lindsay, Reuben Mapleton, Edwin Robertson, Richard Whitaker

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 have a total of 40 cows – 2 superovulated cows from which each participant can collect, search for, evaluate, and freeze embryos on his/her own. Microscopes, freezers, and all ET equipment will be provided, but you are welcome to bring any equipment you have. All techniques will be discussed and demonstrated on actual donor cows before you begin your assault on the practice cows. Superovulation, collection, freezing, transfer, estrus synchronization, donor scheduling, embryo morphology, embryo biecting/biopsyng, and semen quality evaluations will all be discussed in detail.

All 3 days will be off-site. Call Randall Hinshaw at 540-246-2697 or send an email to randall@ashbyvets.com with questions.

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., Aug. 18.........8:00am-5:00pm
Coordinator: Mark Alley
Faculty: Mark Alley, Jim Green, Matt Poore, Steve Washburn

With the dramatic economic changes facing agriculture in 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 grazing 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 to be covered includes the use of grazing in dairy operations. Please join us for this affordable “grassroots” seminar that will provide you with valuable information to assist your producers during an economically challenging time.

15 CURRENT TOPICS IN TRANSITION COW NUTRITION, MANAGEMENT, & PHYSIOLOGY

Objective: To provide insights into new research findings in transition cow nutrition and management. This seminar will place an emphasis on the discussion of current concepts and differing viewpoints on energy densities in transition cow rations and the relative importance of the nutrition during the far-off, prefresh, and early lactation time periods on optimal health and production of dairy cows. Additionally, information on
intake regulation and strategies for managing intake will be presented.

**Fee:** $250  
**Limit:** 30  
**Level:** Advanced  
**Computers:** No  
**When:** Wed., Aug. 18.........8:00am-5:00pm  
**Coordinator:** Jonathan Townsend  
**Faculty:** Ric Grummer, Jonathan Townsend

The seminar will focus on new research findings in transition cow nutrition and management. It is meant to alternate on a yearly basis with a seminar focused on applied transition cow nutrition. This seminar will place an emphasis on the discussion of current concepts and differing viewpoints on energy densities in transition cow rations and the relative importance of the nutrition during the far-off, prefresh, and early lactation periods on optimal health and production of dairy cows. Discussion will include intake regulation and management strategies. Participants are encouraged to interact and discuss problem herd situations from their own practices.

### 16 BASIC REPRODUCTIVE ULTRASOUND IN PRACTICE

**Objective:** To cover basics of reproductive ultrasound scanning, available equipment, and using ultrasound in practice. Case discussions, demonstrations, and a hands-on laboratory off-site are included.

**Fee:** $500  
**Limit:** 20  
**Level:** Basic  
**Computers:** No  
**When:** Mon., Aug. 16 ............1:00-6:00pm  
**Tues., Aug. 17 ........................6:00am-2:00pm  
**Coordinator:** Ricardo Chebel  
**Faculty:** Ricardo Chebel, John Fetrow, Cliff Lamb, John Lee

As in the past, this seminar will teach you the basics of reproductive ultrasound scanning. Faculty will teach you how, what, and why to scan. There will be ample uteruses, ovaries, early pregnancies, and fetal sexing opportunities to scan at the wet lab. The Monday afternoon lecture will include special emphasis on using ultrasound in a beef and dairy practice. The second half of the program is a Tuesday morning hands-on wet lab at a local dairy. An early departure, 6:00am, is planned to ensure a timely farm arrival. Several ultrasound companies will have units available to use, providing a unique opportunity to compare units side by side.

**Note:** Please bring boots and coveralls for this seminar.

**Fee:** $250  
**Limit:** 30  
**Level:** Basic–Intermediate  
**Computers:** No  
**When:** Wed., Aug. 18.........8:00am-5:30pm  
**Coordinator:** Sebastien Buczinski  
**Faculty:** Sebastien Buczinski, Jill Colloton, Andre Desrochers, Giovanni Gnemmi

This seminar will help both beef and dairy practitioners maximize nonreproductive applications of ultrasound in the field through discussion of the following topics:
- Practical use of ultrasound in the field: What do I need to know to have good quality pictures? What are the main artifacts?
- Practical use of ultrasound for umbilical disorders
- Practical use of ultrasound for teat and udder diseases
- Practical use of ultrasound for musculoskeletal diseases
- Practical use of ultrasound for gastrointestinal diseases (reticulum, abomasum, small intestine, liver)
- Practical use of ultrasound for thoracic diseases
- Practical use of ultrasound for urinary diseases
- Practical use of ultrasound for surgical disorders
- Use of ultrasound in the field: how to apply it in daily practice, how to convince the producer to pay for it
- Sharing of tips and case studies by attendees
- Update on equipment with representatives from several companies

### 18 ACHIEVING FINANCIAL & PERSONAL SUCCESS IN FOOD ANIMAL/MIXED ANIMAL PRACTICE

**Objective:** To provide practical tools, information, and examples that will help you operate your practice as a thriving, profitable, and rewarding small business, thus providing the financial and personal success you desire.

**Fee:** $250  
**Limit:** 20  
**Level:** Basic  
**Computers:** No  
**When:** Wed., Aug. 18.........8:00am-5:00pm  
**Coordinator:** Bill Kearley  
**Faculty:** 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 is 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 is always the other way around.

Dr. Bill Kearley has been a presenter for numerous practice management seminars at AABP over the past 15 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.

### 19 SYSTEMS THINKING FOR VETERINARIANS IN THE BEEF CATTLE INDUSTRY

**Objective:** To provide an in-depth introduction to Systems Thinking as an approach to...
solving complex and persistent problems more effectively.

**Fee:** $175  
**Limit:** 45  
**Level:** Basic  
**Computers:** No  
**When:** Wed., Aug. 18 ..........8:00am-5:00pm  
**Coordinator:** John Groves  
**Faculty:** Dale Grotelueschen, John Groves, Gary Rupp

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. The series also teaches how to 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. This seminar is organized by past participants of the series and is designed to provide high-quality continuing education to veterinarians wishing to develop the skills needed to be involved in production management. All veterinarians interested in systems thinking are welcome.

Michael Goodman, an internationally recognized speaker, author, and practitioner in the field of systems thinking, will lead the seminar. Michael has pioneered many innovations in systems thinking that have made it more accessible to business and organizational leaders. Michael serves as the instructor for the King Ranch Institute of Ranch Management’s John Armstrong Lectureship on Systems Thinking. Due to his background, expertise, and experience, the faculty believes Michael is perfect choice to introduce the discipline to veterinarians involved in production management.

Craig Payne, Missouri Beef Extension Veterinarian, graduate of the King Ranch Institute of Ranch Management masters program, and graduate of the Beef Cattle Production Management Series will help make the topic applicable to solving complex and persistent problems in the veterinary field.

**Learning Objectives:**
- Recognize the often hidden and unintended consequences of our actions.
- Change our own thinking to match the way complex systems operate.
- Change our behavior so that we are working with these complex forces, instead of against them, to create what we want.
- Expand the choices available and focus on high-leverage changes.
- See trends and structure and create explanations for why things are happening.
- Apply system archetypes to your own situations.
- Identify mental models and their role in structure.
- Plan and evaluate actions to improve system performance.

**Objective:** Over the past several years there has been increasing attention paid to animal welfare issues by consumers, retail industry, and animal rights groups. The airing of the HSUS video at the California slaughterhouse has heightened the awareness and critical eye of the consumer even more toward animal welfare issues. The seminar objective will be to 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:** $300  
**Limit:** 30  
**Level:** Basic  
**Computers:** No  
**When:** Tues., Aug. 17 ..........8:00am-9:00pm  
**Coordinator:** Jim Reynolds  
**Faculty:** Sandy Goff, Jim Reynolds, Jan Shearer, Dan Thomson

Animal welfare and well-being are key issues to 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, practitioners will be able to advise their clients on how to prepare for a welfare audit. They will also be able to conduct a
21 FEEDLOT NUTRITION

Objective: To provide functional understanding of applied feedlot nutrition and diet formulation.

Fee: $250
Limit: 30
Level: Basic
Computers: Yes (laptop)
When: Wed., Aug. 18.........8:00am-5:00pm
Coordinators: Christopher Reinhardt, Dan Thomson
Faculty: Todd Milton, Christopher Reinhardt, Dan Thomson

Feedlot nutrition is, in many ways, its own discipline. This year AABP has assembled a nationally renowned faculty to present a seminar exclusively devoted to feeding feedlot cattle. What are the basics of formulating feedlot diets? What are the keys to successful feedbunk management? What are the best strategies for getting animals on feed and keeping them on feed? What are the consequences of the differences in starting and finishing diets? What should we look for in troubleshooting feedlot nutrition problems? Expect to learn the answers to all of these questions and more, with a strong dose of practical, hands-on nutrition formulation, at this new seminar. Bring your laptop. Also bring your questions and knowledge to 8 hours of lecture + hands-on problem solving/formulation.

Dan U. Thomson, DVM, PhD, Jones Professor of Production Medicine and Epidemiology, Kansas State University: Determination of nutrient requirements and identifying and preventing potential nutrient imbalances.

Todd Milton, PhD, Midwest PMS Nutrition: Appropriate ration set-up systems; practical limits to ingredient use; finishing diet formulation and its implications for bunk management.

Chris Reinhardt, PhD, Extension Feedlot Specialist, Kansas State University: Hands-on ration formulation and diet troubleshooting for the feedlot.

22 UNDERSTANDING MILK COMPONENTS & TROUBLESHOOTING HERD PROBLEMS

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

Fee: $300
Limit: 30
Level: Intermediate-Advanced
Computers: No
When: Wed., Aug. 18.........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. The component demonstrating the most volatility in milk is milk fat. 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 will highlight how a thorough understanding of the biohydrogenation theory of milk fat depression is essential to being able to troubleshoot milk fat issues on the dairy. Using new research information will enable 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 session to highlight key learnings and assist in key areas of herd-level investigation. Case-based studies will include investigation of rations using nutritional programs, such as CPM.

23 MARRIAGE ENRICHMENT FOR BOVINE PRACTITIONERS

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

Fee: $35
Limit: 12 couples
Level: Basic
Computers: No
When: Wed., Aug. 18.........7:00pm-10:00pm
Coordinator: Charlie Gardner
Faculty: Charlie Gardner

Invest an evening and benefit for a lifetime! What aspect of your life is more important than your relationship with your spouse or significant other? Marriage Enrichment is a proven program that will allow you to see your better half in a new light and rekindle some feelings you may have forgotten even existed. Past participants have given this evening seminar very positive reviews. Please join us this year.

24 DAIRY ANALYTICS SEMINAR PLANNING SEMINAR

Objective: Develop a plan for a regular Dairy Analytics seminar to be offered at the AABP Conference in 2011. Registrants are expected to participate actively in developing a list of topics to be covered and to help pick faculty (you may volunteer). Each registrant is encouraged to prepare one or more short presentations for discussion by the group and possible inclusion in the 2011 seminar.

Fee: No charge (but registration required)
Limit: 20
Level: Advanced
Computers: Optional
When: Tues., Aug. 17........8:00am-5:00pm
Coordinator: Jim Ehrlich
Faculty: Jim Ehrlich

Dairy herd analytics include any tool or method that helps us to understand the status of a dairy herd, and to measure the response to our interventions. Laboratory tests, spreadsheets, measurement tools, statistics, modeling, graphics, computer software, and many other elements can be part
of the analytic process, and the field is changing rapidly. This makes it challenging to assemble a leading-edge syllabus giving a broad view of the best analytic tools and techniques.

For that reason, this is an open invitation to any AABP member with a special interest in this field to assist in planning a regular seminar to be given in 2011. If you choose, you may promote a personal point of view or software in which you have a proprietary interest, but any such relationships must be fully disclosed. Subject domains may include nutrition, fertility, milk production, diseases, facilities, animal welfare, culling, econometrics, genetics, and so on. Like all AABP seminars, emphasis should be on practical results, so, in particular, practitioners with wide experience or innovative methods are invited. Besides the primary objective, this is an opportunity to broaden horizons for practitioners interested in the field, to hear what others are doing, and to discuss what remains to be done. There is no fee and no paid faculty for this seminar. Please come prepared and expecting to work toward the objective.

25 PRECISION NUTRITION

Objective: To demonstrate and forecast the impact of information technology on making precision animal nutrition a reality in the animal industries – in a practical, hands-on, take-it-back-to-the-farm format.

Fee: $275
Limit: 30
Level: Intermediate
Computers: No
When: Wed., Aug. 18 ..........8:00am-5:00pm
Coordinator: Jeff Brose
Faculty: Jeff Brose, Steve Stewart

Precision animal nutrition is a rapidly unfolding reality, enabled by the latest information technology (IT) and demanded as a response to volatile economics and consumer and media concerns about animal welfare, environmental sustainability, and food safety. Are you in the loop? Attend this seminar to acquire both a current view and a road map for the journey that lies ahead so you can follow along as it happens. Topics: (1) Real-time nutrient analysis, on-farm, with a new, portable NIR instrument; (2) flowing data on dairy farms – from the milking parlor and NIR instrument to ration formulation software to the mixer (and points in-between and beyond); (3) a Laboratory Information Management System (LIMS) for producers; (4) auto-calculating many nutrients from a select few measured nutrients; (5) supplier database for traceability and nutrient analysis history – knowing what you are getting before you get it; (6) visual monitoring with wireless cameras – cow, feed, and employee management and security; (7) the evolution of networked animal agriculture.

26 NEW HORIZONS IN JOHNE’S DISEASE CONTROL

Objective: (1) To provide ideas for implementation of proven management strategies for Johne’s disease (JD) control in your clients’ herds; (2) to discuss the use and application of new diagnostic tools (ie, milk ELISA testing, fecal pooling, environmental testing), (3) to highlight promising new JD research and discuss the current status of potential links to Crohn’s disease.

Fee: $225
Limit: 30
Level: Basic
Computers: No
When: Wed., Aug. 18 ..........8:00am-5:00pm
Coordinator: Dan Grooms
Faculty: Mike Collins, Frank Garry, Sandra Godden, Dan Grooms, Steve Hendrick, Ernest Hovingh, Ken Olson

Do you have clients that are frustrated with the amount of Johne’s disease in their herds? Do you have questions about how to best implement and interpret milk ELISA testing? Or are you getting questions about the use of vaccination to control JD? Would you like to know more about what is “coming down the pike” for the Johne’s program at the federal level?

If you answered “yes” to any of the preceding questions, this seminar is for you! Leading Johne’s disease experts will present information that is intended to be practical and useful as you motivate and work with your clients to control JD in their herds. Some of the topics to be covered include discussion about management practices that work in reducing MAP transmission, importance of the environment as a source of transmission, testing options and strategies, tools to reduce MAP shedding, research updates from the Johne’s Disease Integrated Project (JDIP) and National JD Control Demonstration Project, and a review of current information pertaining to public health concerns. Faculty will also make sure there is plenty of time for questions and for discussing problems and challenges you have experienced. In addition, this seminar can be used as CE to become recertified to do work as part of your state’s Johne’s Disease Control Program.

If you have questions, please contact Dan Grooms (517-432-1494, groomsd@cmu.edu) or Ernest Hovingh (814-863-8526, eph1@psu.edu).

27 PAIN MANAGEMENT

Objective: Session 1 – Assessment of Pain and Animal Welfare (1 hour); Session 2 – Chemical Restraint, Field Anesthesia, and Intubation (2 hours); Session 3 – Nerve Blocks of the Foot, Head, Spine, and Flank (2 hours); Session 4 – Analgesic Options for Use in Cattle in the USA (1 hour).

Fee: $250
Limit: 30
Level: Basic
Computers: No
When: Mon., Aug. 16 ..........8:00am-5:00pm
Coordinator: Hans Coetzee
Faculty: Eric Abrahamsen, David Anderson, Hans Coetzee

The 21st century consumer is wealthier but also more detached from production agriculture than any in history. Therefore, animal welfare concerns, especially as these relate to pain relief, are becoming an important issue to clients. We recognize that pain is an inevitable consequence of many routine animal management procedures in farm animals and that fractious animals are a danger to themselves and the people around them. How can we assess if cattle are in pain and effectively provide anesthesia and analgesia in the field? In this seminar faculty will examine novel approaches to measuring pain and analgesic drug efficacy in cattle and discuss specific anesthetic and analgesic regimens that may be useful to you in practice. In particular, instructors will discuss practical subanesthetic/analgesic drug combinations you can use to take the edge off the fractious cases you may encounter as well as several approaches to providing pain relief in cattle.
THURSDAY, AUGUST 19

CLINICAL FORUMS
AABP again offers two sessions of its ever-popular Clinical Forums on a wide variety of topics. Forums are open small group discussions led by carefully selected experts and focus on the actual clinical problems you deal with as a practitioner. Rather than formal lectures, real cases and situations are presented, and audience interaction is encouraged. You are welcome to describe your practice experiences and problems and obtain valuable feedback. Sign up quickly as enrollment is limited to 20 per session. Cost is $50 (USD) per Forum and includes a hot breakfast.

CLINICAL FORUMS 1*
Thursday, August 19
7:00-9:00am HOT BREAKFAST!
1 Organic Medicine Hubert Karremann
2 Current Zoonotic Disease Issues David Smith
3 Getting the Most Out of Your D-Lab Submission R. F. “Flint” Taylor
4 Amazing Grazing Mark Alley
5 Stocker Health Brad White
6 How to Recruit, Hire, and Mentor New Associates Mark Hilton
7 Field Anesthesia and Analgesia Hans Coetze

*Clinical Forums 2 is scheduled on Saturday, 7:00-9:00am (page 34).

AABP GENERAL SESSION 1:
KEYNOTE ADDRESS
Thursday, August 19
10:30am-12:00pm
Moderator: Dan Thomson
10:30am-12:00pm
Bovine Veterinary Education: Getting It Wrong and Getting It Right John Thomson

AABP & AASRP JOINT SESSIONS
SMALL RUMINANTS 1*
Thursday, August 19
8:00-10:00am
Moderator: Jim Fallen
8:00-9:00am Understanding Scrapie Programs Joan Dean Rowe
9:00-10:00am Working with Small Ruminant Shows and Sales Joan Dean Rowe

*Three joint AABP–AASRP sessions are included in the AABP conference registration fee. Small Ruminants 2 is Friday, 8:00am-12:15pm (page 32). Small Ruminants 3 is Friday, 1:45-3:15pm (page 33).

AABP POSTER SESSIONS
Thursday, August 19, 12:00pm to Friday, August 20, 4:00pm
Note: Presenters will be available for questions on Friday from 12:15-1:15pm.

Titles and poster presenters will be published in the August AABP Newsletter and in the AABP 2010 Pocket Guide distributed at the conference. This information will also be available at www.aabp.org after July 1.

YOU ARE INVITED to the 3rd Annual General Meeting of the CABV/ACVB
THURSDAY, August 19 • 12:30-1:15pm

Members of the Canadian Association of BovineVeterinarians/Association Canadienne des Vétérinaires Bovins (which includes all Canadian bovine 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?

Over the past year CABV/ACVB has participated and consulted on many national issues. Be part of this leadership initiative for those with interest in bovine health and production medicine in Canada. Add to our common voice on issues of national importance.

Join other CABV/ACVB members from across the country for a social on Friday, August 20, from 8:00-10:00pm at the Hyatt Regency. Watch for further details!

All CABV/ACVB Members (WCABP, OABP, AMVPQ, ABPA) Are Encouraged to Attend
Thursday, August 19

1:30-5:20pm
Moderator: Joe Tabor

Stop by the AABP Poster Sessions
Thursday, 12:00pm to Friday, 4:00pm • ACC
Meet the presenters on Friday from 12:15-1:15pm

4:00-4:20pm
Pressure Algom etry: A Novel Method for Assessing Pain Sensitivity of Dairy Calves Following Caution Disbudding
Kristyn Van Donselaar, Iowa State University

4:20-4:40pm
Suspected Acute Deaths Caused by Exposure to Euglena Algae
Lee Anne K. Peasley, Michigan State University

4:40-5:00pm
Behavioral Changes of Dairy Cows During Drying Off Using Abrupt Cessation of Milking. Kimberly Painter and Elise Tatone, Ontario Veterinary College

5:00-5:20pm
Toxicosis in a Commercial Cattle Herd by a Chemical Spill. Amanda Lust, Texas A&M University

AABP GENERAL SESSION 2 – PART 1

Bovine Respiratory Disease & Neonatal Calf Diarrhea: Pathogen/Immunology/Management Interactions
Thursday, August 19
1:30-3:30pm
Moderator: Matt Miesner

1:30-2:30pm
Factors Influencing Bovine Respiratory Disease in Stocker and Feeder Cattle. Bob Smith

2:30-3:00pm
Gastrointestinal Tract Pathogen/Immunology Management Interactions. Sheila McGurk

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

AABP GENERAL SESSION 2 – PART 2

Field Restraint & Surgical Techniques for Beef & Dairy Cattle
Thursday, August 19
4:00-5:30pm
Moderator: Bob Larson

4:00-4:30pm Field Restraint of Bovine: Physical and Chemical Techniques. Matt Miesner

4:30-5:00pm Repair of Fractures in the Field. David Van Metre

5:00-5:30pm Dystocia Techniques and Remedies in the Field. Shelie Laflin

PRACTICE TIPS

Practice Tips & Take-Home Tidbits
Thursday, August 19
Following the Opening Ceremony at 7:00pm
Moderator: Greg Ecks

Get reliable advice in record time from seven respected veterinarians with the inside track on what matters in practice.

8:00-8:10pm Online CE Tips. Daniel Thomson

8:10-8:20pm Top New Uses of Physical and Chemical Property Measuring Tools (pH Meters, Refractometers, Temperature Data Loggers) in Bovine Practice. Phillip Jardon

8:20-8:30pm Tables, Trays, Ropes, and DAs. Beau Bamberg

8:30-8:40pm Arms-Free Pregnancy Diagnosis with Ultrasound. Andrew Bronson, Bruce Hill

8:40-8:50pm Cornbread, Cognac, and Copenhagen. Kerry McGehee

8:50-9:00pm Tennessee Tidbits. Hugh McCamphell

THE 43RD ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS 31
Friday, August 20th

Join us for a FREE Full-Course Breakfast!!

Understanding Milk Fat Depression in Dairy Cattle: Causes and Cures

6:30-7:45am • ACC

with Tom Jenkins, Ph.D.
Professor, Department of Animal & Veterinary Sciences, Clemson University

9TH ANNUAL AABP VETERINARY TECHNICIAN PROGRAM
Herds, Hides, Hooves, & Health for Technicians in Cattle Practice

SESSION 1*
Friday, August 20
8:00am-5:45pm

MORNING
8:00am-12:15pm
Moderator: Dick Wiley

8:00-9:00am Herd Disposition – Convenience Trait or Economically Important? Darrell Busby

9:00-10:00am Talking with Friends and Clients About Their Concerns with Animal Agriculture David Smith

10:00-10:45am Milk/Refreshment Break

10:45-11:45am Dairy Metabolic Diseases Garrett Oetzel

11:45am-12:15pm BQA/Injection Site Reaction Issues John Schnackel

*Included in the AABP conference registration fee.
Small Ruminants 1 is Thursday, 8:00-10:00am (page 30). Small Ruminants 3 is Friday, 1:45-3:15pm (page 33).

AABP & AASRP JOINT SESSIONS
SMALL RUMINANTS 2*
Friday, August 20
8:00am-12:15pm
Moderator: Jim Fallen

8:00-9:00am Odd Reproductive Problems of Small Ruminants Jerry Roberson

9:00-10:00am Management of Severely Parasitized Small Ruminants Jerry Roberson

10:00-10:45am Milk/Refreshment Break

10:45am-12:15pm Buck Health Management Joan Dean Rowe

8:00am-12:15pm
Moderators: Shelie Laflin, Ben Wileman

8:00-8:30am Management of Cull Dairy Cows Tom Fuhrmann

8:30-9:00am Management of Cull Feeder Cattle Tom Edwards

9:00-10:00am Managing Heat Stress in Cattle Dee Griffin, Jim Reynolds

10:00-10:45am Milk/Refreshment Break

10:45-11:15am Recommendations for Castration and Dehorning of Cattle Hans Coetzee

11:15-11:45am The 30,30 Club: Metabolic Breaking Point or Fulfilling Genetic Potential - Have We Forgotten About Animal Welfare? Nigel Cook

11:45am-12:15pm Mismanaged High-Risk Calves and Animal Welfare Guy Loneragan
**AABP SESSIONS BY DAY**

**NEW THIS YEAR! STUDENT QUIZ BOWL**
27 Student Teams All Week Long
Final Competition Friday • Exhibit Hall
Go Cheer for Your Alma Mater!

**AFTERNOON**
1:45-5:45pm
Moderator: Dick Wiley

1:45-3:45pm
Health Strategies for Organic Dairy Cattle  Hubert Karremans
3:45-4:15pm
Milk/Refreshment Break
4:15-5:45pm
Small Ruminant Medicine  Jerry Roberson

**AABP-AASRP JOINT SESSIONS**
**SMALL RUMINANTS 3**
Friday, August 20
1:45-3:15pm
Moderator: Jim Fallen

1:45-3:15pm
Interesting Cases and Worthwhile Small Ruminant Tips  Jerry Roberson
3:15-3:45pm
Milk/Refreshment Break

**SPLIT CONFERENCE SESSIONS: FEEDLOT**

**Holsteins in the Feedyards / AVC Session 2**
Open to All Conference Registrants
Friday, August 20
1:45-5:45pm
Moderator: Tom Latta

1:45-3:45pm
A Comparison of Black and Whites and Colored Cattle in the Feedlot  Jerry Biwer
3:45-4:15pm
Milk/Refreshment Break
4:15-5:45pm
Tri-State Steer Carcass Futurity Data  Darrell Busby

**RESEARCH SUMMARIES 2**
Friday, August 20
8:00am-12:15pm

Times, titles, and presenters will be published in the August AABP Newsletter and in the AABP 2010 Pocket Guide distributed at the conference. This information will also be available at www.aabp.org after July 1. Research Summaries 1 is Thursday, 1:30-5:30pm (page 31). Research Summaries 2 is Friday, 8:00am-12:15pm (page 33). Research Summaries 4 is Saturday, 8:00-11:30am (page 35).

**SPLIT CONFERENCE SESSIONS: DAIRY**
Friday, August 20
1:45-5:45pm

**SESSION 1: Part 1 – Current Concepts on Vaccines & Mastitis**
Moderator: Walter Guterbock
1:45-2:30pm
Immunology Update and Whole Herd Vaccination Programs  Victor Cortese
2:30-3:15pm
Treat the Treatable and Manage the Rest: Managing Bulk Tank SCC and Reducing Treatment Costs  Frank Welcome
3:15-3:45pm
Assisting Dairies in Mastitis Culturing On-Farm  Sarah Wagner
3:45-4:15pm
Milk/Refreshment Break

**SESSION 1: Part 2 – Managing Transition & Nutrition**
Moderator: Edwin Kreykes
4:15-5:00pm
Updates on Transition Cow Management  Ken Nordlund
5:00-5:45pm
Tips and Tools for Troubleshooting Nutritional Management of Dairy Herds  Garrett Oetzel

**AVC MEMBERS**
**AVC BUSINESS MEETING/LUNCHEON**
Friday, August 20 • 12:15-1:45pm

**RESEARCH SUMMARIES 3**
Friday, August 20
1:45-5:45pm

Times, titles, and presenters will be published in the August AABP Newsletter and in the AABP 2010 Pocket Guide distributed at the conference. This information will also be available at www.aabp.org after July 1. Research Summaries 1 is Thursday, 1:30-5:30pm (page 31). Research Summaries 2 is Friday, 8:00am-12:15pm (page 33). Research Summaries 4 is Saturday, 8:00-11:30am (page 35).

**AVC BUSINESS MEETING/LUNCHEON**
Friday, August 20 • 12:15-1:45pm
CLINICAL FORUMS
Second of two Forums sessions. Carefully selected experts focus on the actual clinical problems you deal with as a practitioner. Real cases and situations are presented, and audience interaction is encouraged. Contribute your practice experiences and problems and obtain valuable feedback. Enroll early, as attendance is limited to 20 per session. Cost is $50 (USD) per Forum and includes a hot breakfast.

CLINICAL FORUMS 2*
Saturday, August 21
7:00-9:00am HOT BREAKFAST!

- 8 Beef Nutrition  Robert Van Saun
- 9 Vaccinology  Victor Cortese
- 10 Cattle Handling  Darrell Busby
- 11 Transition Cow Management: It’s Not All About Rations  Ken Nordlund
- 12 Troubleshooting Calf Problems  Sheila McGuirk
- 13 Small Ruminant Medicine  Joan Dean Rowe

SESSIONS FOR STUDENTS
SESSION 1
Saturday, August 21
8:00-11:10am
Moderator: Joe Tabor

- 8:00-9:00am Veterinary Medicine Loan Repayment Program  Gary Sherman
- 9:00-9:20am A Day in the Life of a Feedlot Practitioner  Del Miles
- 9:20-9:50am Veterinary Leadership Skills/A Day in the Life of an Industry Veterinarian  David McClary

9TH ANNUAL AABP VETERINARY TECHNICIAN PROGRAM
Herds, Hides, Hooves, & Health for Technicians in Cattle Practice
SESSION 2*
Saturday, August 21
8:00am-5:00pm
Off-site at New Mexico Department of Agriculture Veterinary Diagnostic Laboratory

- 8:00-9:30am Day in the Life of an LA Vet Tech  David White
- 10:00-11:30am New Mexico Department of Agriculture Veterinary Diagnostic Lab Tour  Flint Taylor

2:00-5:00pm Hoof Trimming Wet Lab  Jason Osterstock

*This session is being held off-site at the New Mexico Department of Agriculture Veterinary Diagnostic Laboratory. Session 1 is on Friday, August 20, from 8:00am to 5:45pm at the Albuquerque Convention Center.

SESSIONS FOR STUDENTS
SESSION 2
Saturday, August 21
10:30-11:10am
Moderator: Joe Tabor

- 10:30-10:50am A Day in the Life of a Beef Practitioner  Lisa Willis
- 10:50-11:10am A Day in the Life of a Dairy Practitioner  Don Gardner

SPLIT CONFERENCE SESSIONS: BEEF

SESSION 2: Export and Shipping / Handling Issues / AVC Session 3
Open to All Conference Registrants
Saturday, August 21
8:00-11:30am
Moderator: Tom Latta

- 8:00-9:00am Russian Dairy Export  Scot Martin
- 9:00-10:00am The Export Business and Opportunities for the Veterinarian  Tom Latta
AABP SESSIONS BY DAY

Saturday, August 21

10:00-10:15am Milk/Refreshment Break

10:15-11:30am Animal Health Problems Associated with Hauling, Shipping, and the Post-Transit Period Brad White

SPLIT CONFERENCE SESSIONS: DAIRY

SESSION 2: HEALTHY HEIFERS MAKE QUALITY COWS
Saturday, August 21
8:00-9:30am
Moderator: Edwin Kreykes

8:00-9:00am Nutritional Management of the Dairy Heifer to Maximize Growth and Productivity Robert Corbett

9:00-10:00am The Things You Need to Know About Rearing Quality Dairy Replacements Don Gardner

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

10:30-11:30am Clinical Mastitis: The First 8 Days Jerry Roberson

AABP GENERAL SESSION 4

The Future Role of Bovine Veterinarians
Saturday, August 21
2:00-5:45pm
Moderator: Dan Thomson

2:00-2:15pm Winning Presentation: Student Case Competition

2:15-2:45pm What Will Be the Role of Bovine Veterinarians in the Future? Dan Thomson, John Thomson

2:45-3:15pm Expansion of Services for Beef Cattle Practices Wade Taylor

3:15-3:45pm Expansion of Services for Dairy Practices Alfred Harper

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

4:15-5:45pm Food Supply Veterinary Crisis: Is It Real? Panel Discussion Various Speakers

RESEARCH SUMMARIES 4

Saturday, August 21
8:00-11:30am

Times, titles, and presenters will be published in the August AABP Newsletter and in the AABP 2010 Pocket Guide distributed at the conference. This information will also be available at www.aabp.org after July 1. Research Summaries 1 is Thursday, 1:30-5:30pm (page 31). Research Summaries 2 is Friday, 8:00am-12:15pm (page 33). Research Summaries 3 is Friday, 1:45-5:45pm (page 33).

REGISTER 24/7!
www.aabp.org
OR USE THE FORMS IN THIS BOOKLET

We look forward to seeing you at the combined AABP 43rd Annual Conference and AVC Summer Meeting in Albuquerque
The AABP Officers, Directors, and Program Committee express their genuine appreciation for the knowledge and guidance these 2010 session and seminar presenters contribute to the annual conference.
### Speakers, Seminar Faculty, & Coordinators

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Position</th>
<th>Institution/Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
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AUCTION NOTES

SILENT AUCTION in the Exhibit Hall: Thursday, August 19, at 8:00am to Friday, August 20, at 3:00pm.
LIVE AUCTION at the Pfizer Animal Health Awards/AABP Foundation Dinner on Friday, August 19.

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

<table>
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<th>Item #</th>
<th>Description</th>
<th>My Initial Bid</th>
<th>Day &amp; Time</th>
<th>Additional 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.
AMSTUTZ SCHOLARSHIP
Determines protocol and requirements for awarding scholarships and recommends fundraising procedures that ensure adequate moneys for disbursement. Reports to the Board and requires its approval for all recommendations and fundraising. Chair is appointed by the AABP President, and committee includes one Board member.

ANIMAL WELFARE
Inform the Board and AABP members about issues pertaining to animal welfare and promotes animal welfare in the bovine species. Reports latest information and suggested AABP positions on environmental concerns, such as bovine confinement housing and waste disposal, and other welfare concerns, such as dehorning, castrating, branding, and transportation.

BEEF PRODUCTION MANAGEMENT
Acquaints AABP members with research, education, and outreach programs concerning new management practices in beef production. Encourages publication of manuscripts in Bovine Practitioner and submits research summaries and promotes and assists in planning continuing education programs that are useful to beef cattle veterinarians at the annual conference. Works to involve practitioners, academicians, and industry professionals to provide quality continuing education programs about current beef industry concerns and problems. Focuses on the effects of management throughout the life cycle of beef cattle on health, performance, well-being, and carcass quality.

BIOLOGICAL RISK MANAGEMENT & PREPAREDNESS
Monitors and reviews issues of interest and significant biological disease risk and preparedness. Assures a liaison with appropriate federal and/or state agencies. Provides an identifiable, responsible body with which other allied veterinary/professional organizations can interact. Formulates and provides recommendations. Submits timely and relevant risk and preparedness information that is made available to AABP members via the website or newsletter.

BOVINE RESPIRATORY DISEASE
Acquaints AABP members with research, education, and outreach programs concerning treatment and control measures for respiratory disease, as well as informs the membership about new developments in respiratory disease. Encourages publication of manuscripts in Bovine Practitioner, submits research summaries for the newsletter and annual conference, and promotes and assists in the planning of continuing education programs, including the annual conference. Involves practitioners, academicians, diagnosticians, and industry professionals. Coordinates efforts with the USDA CSREES Multistate Research Project NC-1027 group and interacts with other industry groups that may desire input on BRD.

BYLAWS
Responsible for decisions affecting the organizational rules of the AABP. Consists of a parliamentarian-chairperson appointed for a 3-year term by the AABP President and two or more members appointed by the President for 1-year unlimited terms. Board approval is required.

FINANCE
Compiles an annual statement showing the AABP’s financial status, reviews methods of financial control, reviews budget controls, and consults and comments on the budget prepared each year by the Executive Vice President.

FOOD QUALITY, SAFETY, & SECURITY
Informs the Board and AABP membership of issues, including microorganisms and chemical residues that may risk human or animal health, that concern the safety of bovine food products for human consumption but excluding pharmaceutical and biological product residue issues (addressed by the Pharmaceutical and Biological Issues Committee).

INFORMATION MANAGEMENT
Advises Board and AABP members on information management matters, coordinates information management needs with allied organizations, facilitates information retrieval from multiple sources, and evaluates options and provides recommendations for disseminating information to members.

LAMENESS
Facilitates transfer of new information and technology regarding pathogenesis, treatment, and control of bovine lameness to bovine practitioners, animal and dairy scientists, hoof trimmers, allied industries, and others with interest in bovine foot and leg health. Serves as a topic and speaker resource for local, state, and national educational programs. Encourages inclusion of lameness studies in the curricula of North American veterinary colleges. Promotes research and investigation of locomotion problems through encouraging increased funding by government and private industry.

MILK QUALITY & UDDER HEALTH
Apprises the Board and membership on issues pertaining to bovine udder health, milk quality, milk residue avoidance, and food safety of milk products. Ensures appropriate liaisons with NMC (formerly known as the National Mastitis Council) and the milk quality committees of other specialty organizations. Recommends to the AABP Program Committee topics and speakers relating to udder health, milk quality, milk residue avoidance, and milk product food safety for the annual conference and other continuing education opportunities for AABP members. Provides abstracted research reports and/or original articles for the AABP Newsletter.

MEMBERSHIP
Makes recommendations to the AABP Board of Directors on administering membership eligibility, recruitment, strategic planning, and other proposed services.

NUTRITION
Informs the Board and AABP members about issues pertaining to bovine nutrition in all sectors, including cow-calf, feedlot, and dairy. Recommends topics and speakers for the annual conference and provides material for the AABP Newsletter. Promotes incorporation of nutrition study into the curriculum of North American veterinary colleges. Ensures representation on the American Feed Industry Association’s Nutrition Council.

PHARMACEUTICAL & BIOLOGICAL ISSUES
Informs the Board and AABP members about drug-related and residue avoidance issues through monitoring and review. Assures liaison with the AVMA and with appropriate federal and state agencies, bureaus, and organizations that deal with drug and residue issues. Offers an identifiable and responsible body with which the pharmaceutical industry can interact. Makes recommendations to the Board regarding animal drug and residue issues that warrant AABP action or reaction.

REPRODUCTION
Operates as an educational resource for the AABP Board and membership on reproduction-related matters. Works closely with the Society for Theriogenology, the National Association of Animal Breeders, the National Cattlemen’s Association, and other organizations and dairy record processing centers to achieve standardized nomenclature and performance indices. Recommends topics and speakers for the annual conference and provides material for the AABP Newsletter.
Mark Your Calendar!
Upcoming AABP Conferences

2011
St. Louis, Missouri · September 22-24

2012
Montreal, Canada · September 20-22

2013
Milwaukee, Wisconsin · September 19-21

2014
Albuquerque, New Mexico · September 18-20

2015
New Orleans, Louisiana · September 17-19