

President's Message



James E. Sears,
DVM, Bridgeport,
Nebraska

Dear Colleagues:

As I write this, the first half of my year as President is already through. It has been a very busy time thus far, but it has also been enjoyable. The AAPB continues to be blessed with many members who are willing to provide their expertise and energy toward the good of this organization and our profession. The really gratifying part of being honored as your President is the opportunity to work with so many of such invaluable members and colleagues.

The financial health of AAPB continues to be excellent, and is improving steadily. We are also continuing to improve our financial records and ability to analyze the information, thanks to the ongoing efforts of Treasurer Dr. Roger Saltman. Roger has done a great job of upgrading the AAPB in this area, and assisting headquarters with this item. But of course the real thanks goes to each of you, as members, for your continued support of and participation in AAPB. AAPB will be what you make of it. Dr. Jarrett, the officers and Board members strive to keep the needs of AAPB and you as our primary focus.

Food safety continues to be the predominant issue of concern and debate, as has been the case for several years. Bacterial resistance and antimicrobial use are major issues, as are food-borne pathogens in general, as evidenced by the controversy over *E. coli* 0157:H7. Please be assured that we have many well-qualified and motivated AAPB members involved in these issues, and please also be assured that AAPB is an integral part of these important discussions. I think it is important that as an organization, and as individuals, we continue to insist on sound science and reasonable solutions. Political or ideological agendas, emotion, public posturing or turf protection should

have no place in the debate. But we must also continue to recognize and accept the tremendous responsibility that bovine practitioners have in helping producers supply a safe food supply. As new solutions are discovered or initiated, I would hope that we are open to change in our professional practices, if and when they are necessary, to protect our profession, producers and consumers. I think we will, just as we have demonstrated for many years. As one member recently stated, it's really not so hard to change if we can understand and accept the reason for doing so.

One of the areas of ongoing discussion, and perhaps concern, is the need to continue to attract good young people into bovine medicine. New practitioners are the lifeblood of our organization as well as continuing veterinary service for our producers. A membership committee has been formed to address this specifically, along with other membership issues. The Board of Directors is continuing to conduct discussions on how we might help foster interest in bovine medicine. I would urge any of you that have ideas for us to consider, please contact me, any officer, Board member or the Membership Committee Chairman, Dr. Terry Engelken. Your input will be appreciated.

This *Bovine Practitioner* will again include some refereed papers, as was initiated last issue. Dr. Bob Smith is now Assistant Editor, and is providing Dr. Williams assistance in providing peer-reviewed articles for your consideration. We hope you agree this will help upgrade an already valuable publication.

Speaking of Dr. Eric Williams, none of us should forget the tremendous contributions that Dr. Williams has made to our profession and to AAPB over the course of his career. Following the Spokane Conference, Dr. Williams is retiring after 29 years as the editor of the *Bovine Practitioner*. We will certainly miss his contributions and wisdom. We will be officially recognizing Eric and his wife Mary in Spokane, but I would encourage that we not forget to congratulate him personally as well. Thank you, Dr. Williams!

I have only scratched the surface in mentioning a few people here. I apologize for undoubtedly missing several very important individuals. The number of hours and the excellent service that so many members provide, on a volunteer basis, is amazing. I'm certainly grateful for that, because none of us can do it alone. I don't buy this stuff about how it takes a village to raise our kids, but as someone suggested, maybe for AAPB, it takes a herd!

Best Regards,

Jim Sears
President

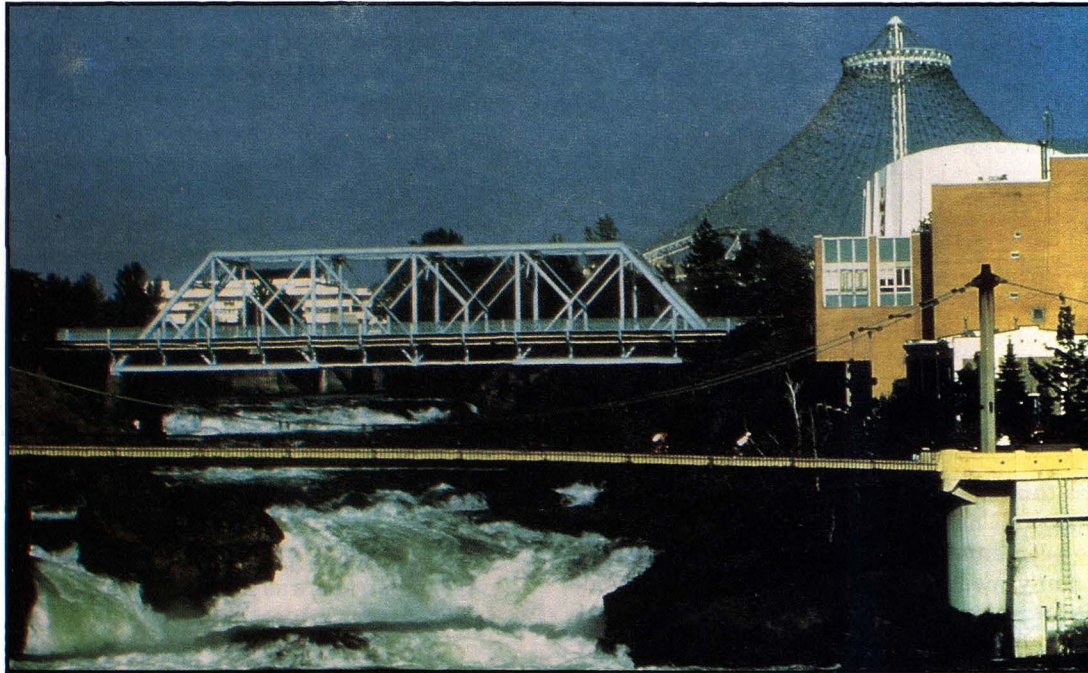
Thirty-First Annual Conference

of the

American Association of Bovine Practitioners

Spokane, Washington

September 24-27, 1998



Spokane—A City, A River, A Destination

It was the river that first drew people to Spokane, Washington, a hundred years ago and it's the river that continues to be the heart and soul of the state's second largest city. The Spokane River snakes through downtown, rumbles over the second largest urban waterfall in the United States and is the focal point of 100-acre Riverfront Park. It's a four-season river that thunders in the spring with icy snow melt, turns placid and cool in the summer, meanders under brilliantly colored leaves in fall and runs cold and steady in winter.

Spokane is one of the region's premier convention cities and has gotten rave reviews from delegates and meeting planners alike. Facilities Magazine named this Northwest city one of the top U.S. convention destinations for the past two years. Spokane has all the amenities and excitement of a big city but has retained a small town friendliness that welcomes visitors. Spokane's hotel rates are a welcome surprise as well, and run approximately 30% less than rates in Seattle or Portland.

Nearly 2,000 hotel rooms are within walking distance of Spokane's state-of-the-art meeting facilities, the Spokane Center and the Spokane

Opera House. Both are located right at the edge of beautiful Riverfront Park and many of the meeting rooms look out over the Spokane River and the park's green, rolling hills.

The 39-mile, pedestrian-only centennial Trail skirts the park, passes the Convention Center and heads straight for Idaho, tempting conventioners to end their conference with a vigorous run or bike ride.

Spokane and the Inland Northwest are paradise for outdoor lovers. Seventy-six lakes are located within a 50-mile radius of the city, with plenty of fishing, water skiing, canoeing, kayaking and house boating opportunities. Rock climbing enthusiasts can tackle their sport indoors at Wild Walls or outside within a few minutes of the city at the Minehaha climbing rocks.

Mountain biking, horseback riding, snow skiing, white water rafting, camping, hiking--- many activities are within minutes of downtown Spokane, others are a two to three hour drive through rolling wheat fields of the Palouse or the forested hills and valleys of the Idaho Panhandle.

Nearby Silver Country, Idaho, boasts the world's largest snowmobile, ATV and mountain bike trail sys-

tem--1,000 miles of trails dedicated to outdoor recreation. The two-state region encompassing the North Idaho panhandle and Western Montana is a three-hour drive from downtown Spokane. Charming Wallace, Idaho, is Silver country's hub. The entire town is on the National Historic Register.

Spokane's golf courses beckon convention attendees, too. Affordable, accessible and diverse describe the 18 courses located within an hour's drive of town. Golf digest magazine recently declared, "Washington's second city, Spokane, offers rock-solid golf at rock-bottom prices." Green fees range from just \$14 to \$22 at the seven city and country courses and tee times are available daily during the 8-month playing season. Summer, however, sees heavy play on all courses, but a little advance planning will assure a tee-time.

Just 38 miles from Spokane is Idaho's Coeur d'Alene Resort of Golf Course. This world-famous course offers two unusual features. Golfers are whisked from the hotel to the course in a zippy speedboat and challenged to play the floating green that sits offshore in spectacular Lake Coeur d'Alene. The \$2.3 million floating green offers unique challenges as well as a once-in-a-lifetime playing experience. The little town of Coeur d'Alene and the resort with its mile-long boardwalk, terrific restaurants and incomparable views are well worth a visit.

Those less athletically inclined can shop to their heart's content at Nordstrom, the Bon Marche, Eddie Bauer and dozens of speciality shops located downtown. A 13-block skywalk system links shops and restaurants throughout the city. Two large malls, NorthTown and brand new Spokane Valley Mall, are within a few minutes of downtown hotels. Discounts abound at the post Falls Factory Stores east of the city.

Spokane's beautiful 100-year old buildings hint at the city's rich, colorful history. Visitors can step back in time with dinner at a historic mansion or a visit to the Cheney Cowles Museum, recognized as one of the best in Eastern Washington. Cheney Cowles exhibits include the Plateau Indians, the fur trade, early exploration and settlement of Spokane and the Inland Northwest. Next door, the Tudor revival style Campbell House was built in 1898 and is a National Historic Register landmark. Guided tours with rich anecdotes of family history and household operation are conducted daily.

An excellent off-site meeting venue is the historic Metropolitan Performing Arts Center, listed on the national Register of Historic Places and located just minutes from city hotels. "The Met" first opened its doors in 1915 as the Clemmer Theater, a neoclassical Vaude-

ville and silent movie house. An ornate rotunda dome at the entry welcome theater-goers and wall-sized landscape murals grace both the main floor and balcony levels.

Spokane native Bing Crosby gave his final Spokane performance at the Met before moving the Hollywood in 1935. A bronze statue of the crooner, elbow on knee, golf clubs at his feet, welcomes visitors to the Crosbyana Room on the Gonzaga University campus. On display in the Crosbyana Room are over 150 Bing memorabilia including his Oscar, gold and platinum records, trophies and awards.

Spokane's eclectic museums pay tribute not only to history and music, but also to automobiles, agriculture and the U.S. military. The Red Shed Farm Museum is family-owned and houses over 500 farm implements and tools and is located 13 miles north of Spokane in a picturesque farming community. Carr's Museum has a privately-owned collection of classic cars including limos owned by John F. Kennedy, Elvis Presley and Jackie Gleason. The Fairchild Heritage Museum and AirPark have exhibits from the Civil War, both world wars, Korea, Vietnam and the Gulf War, all in a former World War II Women's Air Corps barracks.

Evening recreation and a variety of dining experiences are all within walking distance of major hotels and convention facilities. Seven micro breweries have a variety of entertainment in addition to a long list of locally-brewed beers.

Patsy Clark's Mansion offers an unforgettable off-site dining experience. The mansion's first owner was Patrick "Patsy" Clark, an Irish immigrant who made his fortune in gold and silver mining. The completely restored mansion is now a restaurant with intimate dining in the smaller rooms or group events in the larger ones. The Chinese Game Room, also known as the Bush Room, is where former President George Bush dined with Speaker of the House, Tom Foley, in 1989.

Souvenir hunters can take home regionally made products that range from locally crafted wine (visit one of Spokane's quaint, colorful wineries) to chocolate candy, huckleberry jam or soup mixes.

Spokane's big-hearted hospitality and Northwest vitality make a lasting impression on visitors from across the nation and the world. The parting comments of international delegates that met last August in Spokane pretty much sum up the experience:

"Everything is in easy walking distance from the hub. Beautiful, relaxing location--- fantastic! Lovely city, good atmosphere and... the river!"

Information and photo courtesy of Spokane Area Convention & Visitors Bureau.

The Program

Wednesday, September 23
6:00 - 8:00 p.m.
WELCOMING RECEPTION

Location: Spokane Convention Center
Roof Deck Patio
Hosted by the Program Committee

Get oriented with the Convention facility and city, plan your Convention activities and relax and visit at your leisure with friends and colleagues. Members of the Program Committee will be in attendance to answer your questions about the program, as will the tour group, convention bureau, event planner, and local veterinarians. People familiar with Spokane will be there to answer your questions about the city. A cash bar will be open featuring Northwestern wines and local microbrews; soft drinks will be provided at no charge. Reception will provide hors d'oeuvres of Northwestern cheeses provided by the Program Committee. This will be a great place to meet your friends before the conference!

Thursday, September 24
10:00 a.m. - 12:00 Noon
NEW! AABP CLINICAL FORUMS

Tired of slide lectures in dark rooms? Got questions you are afraid to ask in front of a crowd? Join your colleagues and an expert moderator in an extended discussion of a topic that really interests you! AABP Clinical Forums allow small groups of members to discuss topics of mutual interest with experts and colleagues. The moderator will bring some material to get the discussion going, but after that the floor is open for you and your colleagues to share questions, advice, experiences, practice tips and war stories! All clinical forums will meet from 10 a.m. - 12 noon on Thursday, September 24. **All forums have an enrollment limit of 20 and a fee of \$20 per participant.**

1. **"Attracting and Retaining Associate Veterinarians in Your Practice."** Leader: Johns Simms, Shippensburg, PA. Columbia Basin Room A
2. **"Rational Use of Antimicrobials in Cattle."** Leader: Mike Apley, Iowa State University. Columbia Basin Room B
3. **"Surgery in Bovine Practice."** Leader: David Anderson, Ohio State University. Okanogan Valley Room B
4. **"Obstetrical Problem Solving."** Leader: Grant Frazer, Ohio State University. Okanogan Valley Room C
5. **"Designing a Vaccination Program."** Leader: Ron Schultz, University of Wisconsin. Yakima Valley Room A
6. **"Using Dairycomp 305 to Measure Herd Performance."** Leaders: Connor Jameson, Steve Eicker, Valley Agricultural Software. Yakima Valley Room B

7. **"Using DHIPlus to Measure Herd Performance."** Leader: Stephen Smith, DHI Computing Services. Yakima Valley Room C
8. **"Controlling Johne's Disease."** Leader: Michael Collins, University of Wisconsin. Okanogan Valley Room A

10:00 a.m. - 6:45 p.m.
SOFTWARE LIBRARY
Location: Exhibit area
Coordinator: Gale DeJong

The AABP Software Library is composed of freely-copiable software programs. It will be available to members all day, Thursday, September 24. Some of the programs are in the public domain, some are marketed as shareware, and others are demonstration versions of commercially-available software.

Software is chosen to serve a variety of interests: practice management, beef and dairy applications, word processing, statistics, Internet access, and fun subjects. Each program is checked for viruses, compressed, and loaded onto the hard disks of dispensing computers. "Shopping Lists" are provided listing all software available. All software programs are listed alphabetically and by category with a description of their use and application to allow browsing for programs of interest. All browsing is free. To copy programs, diskettes which are pre-formatted and pre-loaded with decompression data must be purchased from a software librarian at a nominal fee. All proceeds from the sale of these diskettes are devoted to the maintenance and growth of the library. Software contributions are continually sought to build library usefulness.

12:00 Noon - 1:00 p.m.
Lunch available in the exhibit area

1:00 p.m. - 7:00 p.m.
Poster Sessions
Presenters Available for Questions 2 - 3 p.m.

1:00 p.m. - 2:30 p.m.
General Session: Does Antibiotic Use in Animals
Affect Human Health?
Location: Convention Center Bays 2, 3, & 4
Moderator: Walter Guterbock

- | | |
|-----------|---|
| 1:00-1:05 | Opening remarks and acknowledgements
—Walter Guterbock |
| 1:05-1:40 | Adverse health consequences of the use of antimicrobials in cattle —Fred Angulo |
| 1:40-2:15 | What is prudent use of antimicrobials in cattle? —Mike Apley |
| 2:15-2:30 | Discussion and Questions |
| 2:30-3:00 | Refreshment Break |

3:00 p.m. - 5:15 p.m.

**General Session: Getting More out of Practice:
It Can Be Done!**

**Location: Convention Center Bays 2, 3, & 4
Moderator: David Bechtol**

- 3:00-3:40 Effective Planning in Practice Management:
Make Something Happen
—**Charles Gardner**
- 3:40-4:20 Adding Value and Getting Paid for it
—**Kelly Lechtenberg**
- 4:20-5:00 Personnel Management: Making it Work in
Practice —**John Simms**
- 5:00-5:15 Questions and Answers

3:00 p.m. - 5:15 p.m.

Dairy Research Summaries

**Location: Convention Center Bay 1
Moderator: Mark Kinsel**

3:00 p.m. - 5:15 p.m.

Beef and General Research Summaries

**Location: Convention Center Conference Theatre
Moderator: Patty Scharko**

5:15 p.m. - 6:45 p.m.

Reception—Exhibit Area

7:00 p.m. - 9:30 p.m.

Practice Tips

**Location: Opera House
Moderator: Gordie Jones**

- 7:00-7:20 Tribute to Eric and Mary Williams
- 7:20-7:32 LDA Correction with Medical Therapy: Sur-
gery Can be Avoided—**Earl Aalseth**
- 7:32-7:44 Corrective Trimming of Corkscrew Claw
—**Sarel van Armstel**
- 7:44-7:56 External Fixation of Fractures in the Field
—**Bill Wolff**
- 7:56-8:08 Twist and Flip to a Lower somatic cell count
—**David Reid**
- 8:08-8:20 Abomasal Fistula Repair—**Chris Hytrek**
- 8:20-8:32 On Drugs in South Georgia—**Jim Brett**
- 8:32-8:44 Chains, Tattoos and Long Toes—**Dan Love**
- 8:44-8:56 Tips for the Vertically Challenged Practitio-
ner—**Jess Spatz**
- 8:56-9:08 Caslicks for Cows—**Richard Guthrie**
- 9:06-9:20 Tennessee Tidbits Part IX
—**Hugh McCampbell**

Friday, September 25

9:00 a.m. Exhibits open

8:00 a.m. - 11:45 a.m.

**General Session: The Manipulation of
Bovine Estrus Cycle**

**Location: Convention Center Bays 2, 3, & 4
Moderator: Keith Sterner**

- 8:00-8:45 Physiology of the Bovine Estrus Cycle: Re-
view and Possible Applications of the Future
—**Milo Wiltbank**
- 8:45-9:30 Practical Manipulation of the Esturs Cycle
in Dairy Animals—**William Thatcher**
- 9:30-10:15 Practical Manipulation of the Estrus Cycle
in Beef Animals—**Michael Day**
- 10:15-10:45 Refreshment Break
- 10:45-11:00 Experience in Dairy Practice: What Works
and What Doesn't—**Bruce vande Steeg**
- 11:00-11:15 What We Really do in Beef Practice
—**Jim Furman**
- 11:15-11:45 Questions and Answers

8:00 a.m. - 12:00 Noon

Dairy Research Summaries II

**Location: Convention Center Bay 1
Moderator: Dale Moore**

8:00 a.m. - 12:00 Noon

Beef And General Research Summaries II

**Location: Convention Center Conference Theatre
Moderator: Elaine Hunt**

**9:00 a.m. - 2:00 p.m. Research Summaries:
Poster Sessions II**

Location: Exhibit Hall

Presenters available for questions from 10 - 10:45 a.m.

11:45 a.m. - 1:30 p.m.

Lunch available in Exhibit area

1:30-5:30

Computer Practice Tips

**Location: Columbia Basin Rooms C & D
Co-ordinator: Bill Epperson**

- 1:30 AABP homepage update—**Reilly Glore**
- 1:55 Electronic Presentation Tips
—**Dick Wallace**
- 2:20 Computer Images in Practice
—**Mark Armfeldt**
- 2:45 Using the Palm Pilot in Practice
—**Jon Higgins**
- 3:10 Dairy TQM software—**Jeff Reneau**
- 3:35 How a vehicle based scanner/input system
improved our practice—**Bill Bartlett**
—Ripon, WI
- 4:00 AABP Software library update
—**Gale DeJong**
- 4:25 PC Dart—**Mark Kirkpatrick**

1:30 p.m. - 5:00 p.m.

Beef Session

**New Perspectives on Bovine
Respiratory Disease**

**Location:
Moderator: Jerry Stokka**

- 1:30-2:20 Risk Factors of BRD—**Carl Ribble**
- 2:00-3:10 Effective Immunization—**Ron Schultz**
- 3:10-3:30 Refreshment Break
- 3:30-4:20 Immune Stimulants—**Ron Schultz**
- 4:20-5:10 Nutritional Influences on Immunity (BRD Prevention)—**Steve Armbruster**

1:30 p.m. - 5:30 p.m.
Dairy Session
Milk Flow, Cow Flow, Cash Flow
Location:
Moderator: John Kirk

- 1:30-2:15 Field measurement of milking vacuum using flow simulation—**Steve Stewart**
- 2:15-3:00 Cow Flow Through the Dairy: "Show Me the Money"—**Terry Lehenbauer**
- 3:00-3:30 Refreshment Break
- 3:30-4:15 Practical computerized monitoring of parlor cow flow—**Steve Stewart**
- 4:15-5:00 Cow Flow Through the Dairy: Culling Decisions—Past, Present and Future—**Terry Lehenbauer**
- 5:00-5:30 Questions
- 5:00 PM Exhibits close**

Saturday, September 26
8:00 a.m. - 11:45 a.m.
Food & Water Safety Symposium
Location:
Moderator: Don Hanson

- 8:00-8:45 Risk Assessment—**Doug Powell**
- 8:45-9:15 *E.coli* 0157:H7—**Dale Hancock**
- 9:15-9:45 Salmonella, including DT 104—**John Gay**
- 9:45-10:15 Cryptosporidia—**Rob Atwill**
- 10:45-10:30 Refreshment Break
- 10:30-11:00 Antibiotic Resistance in Bacteria Isolated from Cattle—**David White**
- 11:00-11:30 Pre-harvest HACCP—**Dee Griffin**
- 11:30-11:45 Panel Discussion

8:00 a.m. - 11:45 a.m.
Obstetrics and Surgery of the Reproductive Tract
Location: Doubletree Hotel Salons I, II, III, & IV
Moderator: Gina deChant

- 8:00-8:30 Surgical Restoration of Breeding Bulls—**David Anderson**
- 8:30-9:00 Breeding Soundness Exams of Cows: A No-Brainer?—**Grant Frazer**
- 9:00-9:30 Surgical Management of the Infertile Cow—**David Anderson**
- 9:30-10:00 Overdue, What to Do? Management of Pregnancy Complications—**Grant Frazer**
- 10:00-10:30 Refreshment Break
- 10:30-11:00 Correction of Dystocia by Fetotomy—**Grant Frazer**

- 11:00-11:30 If in Doubt, Cut it Out—Surgical Management and Decisions in Problem Birthings—**David Anderson**
- 11:30-11:45 Questions

12:00 Noon - 2:00 p.m. Buffet lunch
(Tickets included in registration)
AABP Annual Business Meeting
& Awards Luncheon

2:00 p.m. - 5:15 p.m.
Dairy Session:
Prevention and Treatment of Periparturient Diseases and Downer Cows
Location: Doubletree Hotel Salons I, II, III, and IV
Moderator: Garrett Oetzel

- 2:00-2:45 Etiology of common diseases of periparturient dairy cows—**Jesse Goff**
- 2:45-3:30 Etiology of the downer cow syndrome—**Victor Cox**
- 3:30-4:00 Refreshment Break
- 4:00-4:30 Treatment options for down cows—**Victor Cox**
- 4:30-5:00 Prevention of hypocalcemia, hypophosphatemia, and other metabolic causes of down cows—**Jesse Goff**

2:00 p.m. - 5:30 p.m.
Prime Beef Practice Opportunities
Location: Doubletree Hotel Salon V
Moderator: Lonty Bryant

- 2:00-2:45 *Optimum Production from All Sources: Interpreting the Non-Fed Beef Audit*—**Gary Cowman**
- 2:45-3:05 Working with the Consulting Nutritionist—**Steve Armbruster**
- 3:00-3:30 How to keep both the consultant and the local veterinarian involved—**Del Miles and Doug Schwenka**
- 3:30-4:00 Refreshment Break
- 4:00-4:30 Working with Cow Calf Producers and Feedlot Owners—**Tom Noffsinger**
- 4:45-5:30 Vaccines NOT to Use—When and Why—**Ron Schultz**

2:00 p.m. - 5:15 p.m.
Choice Beef Practice Ideas
Location: Convention Center Conference Theatre
Moderator: Glenn Rogers

- 2:00-2:45 Problem Solving and Critical Thinking—**Ken Odde**
- 2:45-3:30 Investigating Disease Outbreaks of the Beef Unit (Farm, Ranch, Stocker, Feed Yard)—**Carl Ribble**
- 3:00-4:00 Refreshment Break

- 4:00-4:30 Opportunities for Cow-Calf Practice:
Interpreting the NAHMS Cow Calf Report
—**Dave Dargatz**
- 4:30-5:15 Johne's Disease—**Mike Collins**

5:30 p.m.
Kings, Rings, and Swing in Spokane
Saturday Evening Social

The Saturday evening social opens at 5:30 p.m. with a cash bar and silent auction on the Ag Center terrace overlooking Rivefront Park and the Spokane River. At 7:00 p.m. we will feast on King Salmon under the Big Tent inside the Ag Center. At 8:00 p.m. we will have a short live auction and then it's time to check out the Midway with its ten different games: test your accuracy at the Ring Toss, test your strength with the sledgehammer and ring the bell or, have some real fun Dunking your Director. Musical accomplishment for the evening will be the Big Band sound of a 17 piece band. Proceeds from the evening will go to the AABP's favorite charity: the Amstutz Scholarship Fund.

Cost: \$30 per person for the evening. Extra tickets for the games will be sold on site.

Time: Opens at 5:30 p.m. on the Terrace. Buffet style food service begins at 7:00 p.m.

Where: The Ag Center Bays in the Convention Center.

This event is supported by a generous contribution from Pfizer Animal Health, Inc.

Registrants' Luncheons

11:45 a.m. - 1:30 p.m.

Thursday, September 24 and Friday, September 25

Location: Exhibit Hall

Each registered veterinarian will receive Bovine Bucks, worth \$2.00 towards the price of a beverage and sandwich in the food service area (rear of exhibit area) during the lunch breaks on Thursday and Friday.

Speaker Ready Room

7:00 a.m. - 10:00 p.m.

Monday, September 23 - Saturday, September 26

Location: Convention Center Green Room

Student Reception

9:30 p.m. - 12:30 a.m.

Thursday, September 24

Location: Bayou Brewery

For the fifth year, the Board of Directors will host a reception for all student AABP members present at the annual convention. Following the Practice Tips Session there will be a student reception at the Bayou Brewery. A bus will provide transportation to and from the reception from 9:30 p.m. to 12:30 a.m.; the bus will leave from the front of the Convention Center. We have an area reserved in this facility for our reception along with hors d'oeuvres and non-alcoholic beverages; the area provides a wide as-

sortment of food, beverage and entertainment venues that will be available on a cash basis.

**Veterinary College Faculty
Representative Breakfast**

7:00 a.m. - 8:00 a.m.

Saturday, September 26

Location: Doubletree Hotel, Suite A

Sunday September 27, 1998

8:00 a.m. - 11:00 a.m.

1999 Program Committee Planning Meeting

(Program Committee Members for 1998 and 1999 and Committee Chairs are expected to attend).

Milk/Refreshment Breaks
Sponsored by
Protiva, A Division of Monsanto

Research Summaries

Dairy Session 1

3:00 p.m. - 5:30 p.m.

Thursday, September 24

Location: Convention Center Bay 1

Moderator: Mark Kinsel

- 3:00 Reproductive performance following routine administration of fenprostalene in dairy cows that are not examined by palpation per rectum
—**R.D. Stevens**
- 3:15 Predictive values of early pregnancy diagnosis in dairy cattle—**Virginie Filteau**
- 3:30 Economic evaluation of the use of ultrasound in early pregnancy diagnosis of dairy cows: a decision analysis approach—**Luc DesCoteaux**
- 3:45 Comparison of two estrus synchronization programs in a large, confinement-housed dairy
—**Jenks Britt**
- 4:00 Comparison of HCG to GnRH using the ovulation synchronization (OVSYNCH) method of timed breeding in a large commercial dairy herd
—**G. Goodell**
- 4:15 The effect of lameness of milk production in dairy cattle—**L.D. Warnick**
- 4:30 A prospective randomized field study to determine the efficacy of a *Serpens* spp. vaccine combined with topical treatment with lincomycin HCL for treatment of papillomatous digital dermatitis (footwarts) on a California dairy—**S.L. Berry**
- 4:45 Effect of transition ration energy and fiber levels on subclinical laminitis and ruminal acidosis in Holstein cows in Florida—**Gina DeChant**
- 5:00 Claw diseases: The most common cause of dairy lameness: differentials and performance consequences in a university herd—**Christer Bergsten**

**Research Summaries
Beef and General Session 1**

3:00 p.m. - 5:30 p.m.

Thursday, September 24

Location: Convention Center Conference Theatre

Moderator: Patty Scharko

- 3:00 Botulism in Cattle: a review of 31 herd outbreaks, 1984-1997—**Julie Williams**
- 3:15 Synovial fluid analysis in cattle: a series of 52 cases—**D.E. Anderson**
- 3:30 Subacute Necrotizing Encephalopathy in Simmental Cattle—**David Steffen**
- 3:45 Market-stressed cattle of a shipping fever epizootic in Texas Feedlots have high infection rates with respiratory bovine coronaviruses—**J. Storz**
- 4:00 Epidemiology of *Neospora caninum* infection in Oklahoma beef and dairy cattle—**T.W. Lehenbauer**
- 4:15 Economic decision analysis of control strategies for anaplasmosis in beef and dairy herds—**T.W. Lehenbauer**
- 4:30 Prevalence of intramammary infections in beef heifers at parturition—**J.R. Roberson**
- 4:45 Immunization of young calves with inactivated viral vaccine—**Merlin Kaerberle**
- 5:00 Enteric immunization induces active mucosal and systemic immunity in neonatal ruminants—**G. Mutwiri**

**Research Summaries
Dairy Session 2**

8:00 a.m. - 12:00 Noon

Friday, September 25

Location: Convention Center Bay 1

Moderator: Dale Moore

- 8:00 Effects of availability of forage on indices of ruminal development in dairy calves—**J.E. Martin**
- 8:15 Factors associated with colostral hydrometer values—**D. Morin**
- 8:30 Sensitivity, specificity and viscosity of the colostrometer—**P. Jardon**
- 8:45 The effect of volume of colostrum on antibody absorbtion—**Carol Adams**
- 9:00 Influence of concentrate feeding frequency and intrinsic factors on diurnal variations of blood metabolites in dairy cows—**R. Eicher**
- 9:15 Methods of evaluating ruminal pH in dairy cattle—**G. Oetzel**
- 9:30 Distribution characteristics and sampling strategy considerations for plasma nonesterified fatty acid (NEFA) testing in late-gestation dairy cows—**T.H. Herdt**
- 9:45 The effect of rBST given at calving on incidence of ketosis and left displaced abomasum—**C. Guard**
- 10:00 The effect of nutrition, lactation and periparturient complications on adrenal pituitary and ovarian functions in high-producing dairy cows—**T. Nakao**
- 10:15 Milk Refreshment break

- 10:45 Eliminating *Staphylococcus aureus* intramammary infections using immune enhancement and antibiotic therapy—**P. Sears**
- 11:00 Evaluation of 9 treatments, including no treatment for efficacy against 21 different bovine mastitis pathogens—**D. J. Wilson**
- 11:15 Impact of *Prototheca* mastitis on bulk tank somatic cell count and standard plate count—**R.N. Gonzalez**
- 11:30 Estimating cow value for culling, breeding and treatment decisions—**S. Stewart**
- 11:45 Moving cows to different groups: cost of lost milk production—**S. Stewart**

**Research Summaries
Beef and General Session 2**

8:00 a.m. - 12:00 Noon

Friday, September 25

Location: Convention Center Conference Theatre

Moderator: Elaine Hunt

- 8:00 Results of serological testing of AABP members for paratuberculosis—**M. T. Collins**
- 8:15 Eradication of Johne's disease from a heavily infected herd in 12 months—**M. T. Collins**
- 8:30 Fetal exposure to bovine viral diarrhea virus despite vaccination in a Wisconsin dairy herd—**D. Sockett**
- 8:45 Efficacy of florfenicol for the treatment of naturally occurring infectious bovine keratoconjunctivitis—**J. A. Angelos**
- 9:00 Immunohistochemical test on skin biopsies as a method for detection of cattle persistently infected with bovine viral diarrhea virus—**B. W. Bordersen**
- 9:15 New techniques to evaluate functional impact of bovine respiratory disease in practice—**J. Coghe**
- 9:30 Lidocaine-xylazine lumbosacral epidural anesthesia for surgical resection of umbilical structures in calves—**P. D. Constable**
- 9:45 The effect of dietary protein, fiber, and digesta passage rate on the duration and concentration of *Escherichia coli* O157:H7 shed by cattle—**C. H. Bohach**
- 10:00 Beef Quality Assurance through usage of critical control points—**T. M. Devin**
- 10:15 Refreshment break
- 10:45 Effect of Gonadotropin-releasing hormone on pregnancy rates of beef cows administered PGF_{2α} or GnRH and PGF_{2α} for estrus synchronization—**D.J. Kesler**
- 11:00 Clinical use of reproductive tract scoring—**Mel Pence**
- 11:15 Behavioral dominance of a bull as a cause of infertility in a bison herd: a case study—**M. A. Mernon**
- 11:30 Topical Administration of Trace Elements and Vitamins in Cattle—**J. J. Wichtel**
- 11:45 Evaluation of the wash-off potential of Cydectin® Pour-On from cattle following simulated rainfall—**V. C. Clymer**

Research Summaries

Poster Session

posters will be displayed during the following hours:

Thursday, September 24, 1:00 p.m. - 7:00 p.m.

presenters will be available for questions: 2:00-3:00 p.m.

Friday, September 25, 9:00 a.m. - 2:00 p.m.

presenters will be available for questions: 10:15 - 10:45 a.m.

Location: Exhibit Hall

1. Surgical Procedures for Duodenal Cannulation and Rumen Fistula Prosthesis in the Adult Dairy Cow—**Perry Dahlquist**
2. Effect of adding Agrado® to the receiving ration on morbidity and performance of calves new to the feedlot—**Dianne Hellwig**
3. A comparison of prophylactic antibiotic treatments with regard to morbidity, mortality and performance in Arkansas stocker cattle—**Dianne Hellwig**
4. Energy and nutrient utilization by the calf's gut—**Germain Nappert, Gordon Zelio, Jonathan M. Naylor**
5. Assessment of the effects of treatment of beef cows and calves with Doramectin in pour-on solution on pasture parasite contamination and calf performance—**L.R. Ballweber, R.R. Evans, E. G. Johnson, W. K. Rowland, G. L. Zimmerman, T. L. Skogerboe, D. J. Walstrom, L. Thompson, A. C. Brake**
6. Evaluation of Doramectin Pour-on solution for gastrointestinal parasite control in stocker calves—**J. C. Williams, C. R. Reinsmeyer, L. L. Smith, T. A. Yazwinski, T. L. Skogergboe, D. J. Walstrom, J. M. Cunningham, L. Thompson, A. C. Brake**
7. Molecular epidemiologic and geographic information system analyses of *Mycobacterium bovis* isolates from North America—**T. A. Ficht, D. Whipple, V. Perumaalla, O. Chacon, P. Alford, M. Stater, D. Baca, J. Hernandez, J. Payeur, J. Jarnagin, F. Suarez, C. Turcotte, E. Rohonczy, L. G. Adams**
8. Efficacy of Difloxacin in a *Pasturella haemolytica* calf challenge model—**T. W. J. Olchoway, T. N. TerHune, R. L. Herrick**
9. Effects of teat dilators and teat cannulas on udder health—**K. Querengasser, T. Geishausser, C. Hoptner, M. Medl, F. Tradati**
10. Serum immunoglobulin G concentrations in *in-vitro* fertilized calves delivered by cesarean section—**T. L. Bailey, W. D. Whittier, J. M. Murphy, A. L. Riva, W. S. Swacker, K. E. Saker, W. K. Scarratt, D. Caudell, G. G. Schurig**
11. Inhibition of Infectious Bovine Rhinotracheitis (IBR) virus replication by genestein—a compound in soybeans—**C. C. C. L. Chase, T. J. Frew, A. Shaw**
12. More than serology: comparison of the cellular immune response as a predictor for protection in a Type II bovine viral diarrhea virus challenge—**C. C. C. L. Chase, D. J. Hurley, J. J. Braun, A. A. Ahmed**
13. Activity of gamma glutamyl transferase in serum of newborn and day-old calves derived by *in-vitro* fertilization—**T. L. Bailey, W. D. Whittier, J. M. Murphy, A. L. Riva, W. S. Swacker, K. E. Saker, W. K. Scarratt, D. L. Caudell**
14. Efficacy of copper oxide needles in preventing copper deficiency in cattle—**C. C. Gay, S. M. Parish, L. C. Pritchett**
15. The effect of feeding and Rumensin® containing free-choice mineral to steers grazing native grass pastures—**S. B. Laudert**
16. The efficacy of topical treatment with Lincornycin HCl for papillomatous digital dermatitis: gross and histological evaluation—**S.L. Berry, D.H. Read, R.L. Walker**
17. Evaluation of an enzymatic test for the rapid detection of *Staphylococcus aureus* in milk—**J. Pare, E. Bouchard, A. Levesque, R. Lallier, J.M. Guillemette**
18. Prevalence of rotaviruses in Quebec dairy calves and evaluation of diagnostic tests—**J. Pare, E. Cornaglia, R. Lallier**
19. Acid-base balance and mineral levels in dual purpose cows—**G. F. Quiroz-Rocha, E.C deMorales, J. Boudam L Nunez-Ochoa**
20. Selected biochemical parameters for estimation of energy metabolism in dual purpose cows—**J. Bouda, E.C de Morales, G. G. Quiroz-Rocha, L. Paasch-Martinez**
21. Pre-breeding immunization of cows—**M. Kaeberle**
22. The use of live animals ultrasound and its relationship to veterinary practice—**M. Pence**
23. Unilateral nephrectomy for treatment of renal disease in cattle—**D. Anderson, L.T. Midla, A. Desrochers, D.M. Rings, B.L. Hull, G. St. Jean, M. Babkine**

Wednesday, September 23

Tour 1: Fly Fishing Trip

Tour 2: Shopping, Antiques and Social Cruise on Lake Coeur d'Alene

Thursday, September 24

Tour 3: Orientation Tour: Featuring Historic Spokane's "Age of Elegance", the Cheney Cowles Museum and Lunch at the Patsy Clark Mansion

Tour 4: Jet Boating up the Snake River to Hell's Canyon Tour

Friday, September 25

Tour 5: Orientation Tour: Featuring Historic Spokane's "Age of Elegance"

Tour 6: Glass Blowing and Wine Tasting Tour

Tour 7: Western Dinner and Spectacular Laser Show on Grand Coulee Dam

Saturday, September 26

Tour 8: Growing Attractions, Green Bluff Orchards Apple Festival, and Latah Creek Winery

Tour 9: The Silver Valley Tour

AABP Editor to Retire After 29 Years' Service



This photo appeared in the January 1967 issue—the AABP continues to climb to new heights at home and abroad.

Dr. Eric I. Williams, Stillwater, Oklahoma, editor of AABP's publications, will retire at the Annual Convention in Spokane, WA in September, after 29 years' service.

Dr. Williams, reflecting on his impending retirement stated, "When I was asked by Dr. Don Williams and Dr. Ray Ivie to 'help out' with the fledgling journal, *The Bovine Practitioner*, in 1969 I had no idea that I would be the Editor for so many years. Dr. Ray Bradbury, Mt. Vernon, WA had been the Editor for a few years, working out of the basement of his home. The Board of Directors were so pleased with the 1969 issue that I was given an honorarium which I used to buy a television set for Christmas! Membership in the AABP at that time was about 500. However, during the next decade there was a marked increase in membership, being over 4,000 in 1980. There was also a need for printed *Proceedings* of our annual meetings, which until 1971 had been published in the AVMA Journal.

Our Association really became of age when it hosted the VI World Association for Buiatrics Congress in Philadelphia in 1970. Dr. Robert McFeely, Dr. Guy Morse and I were given the task of preparing the *Proceedings*. When the AABP Board of Directors decided to have our own annual meeting proceedings published following the Denver meeting (1972), I was at least somewhat prepared for the assignment. Now we had two publications each year—the journal in November and the *Proceedings* in March (AABP meetings for many years were held in December with the *Proceedings* published the following March).

In 1996, the Board of Directors decided to publish two journals each year in January and May, and the



Dr. Robert A. Smith, our new Editor.

Proceedings to be available before the annual meeting, now held in September.

The Bovine Practitioner has also become the official communication link between the various buiatrics organizations world wide. It has been a real pleasure for me to attend all the World Buiatrics Congresses since 1966 (except our joint meeting in St. Paul, MN in 1992). Our contact with their organizations have contributed enormously towards the present world wide circulation of our journal. I am pleased to report that we have mailed over 400 copies of our journal for several years to the Dutch Buiatrics Association and wish to thank them for their support. Other countries receiving several copies of our publication are Japan, Australia and the United Kingdom.

Some of the great pleasures that I have enjoyed throughout the years have been to work with the AABP officers and directors. I remember those early days when the Board meetings would last well into the middle of the night! I will always cherish my wonderful rapport with the Board—I cannot recall even one instance of discord with them throughout the years!

Not everything has been rosy along the way. There were many of occasions when I wondered if I could possibly get the journal published in time—due on one occasion to bankruptcy or other times because of poor management by the printer. **What a wonderful experience it has been for me to work with Frontier Printers for many years and the present owners for the past ten years. This is a family owned business, with outstanding employees. I have grown to realize that the services of a good printer are as important as those of the editor. I am delighted**

that they will continue this assignment.

Dr. Edward Sterner always had his camera—and sometimes two! He shared his pictures with me for our publications. Ed never missed a World Buiatrics Congress or our annual meetings. He was a loyal friend and colleague. We mourn his loss.

I have enjoyed working with Dr. Samuel Hutchins III, our long time Exhibits Manager. Sam has contributed enormously towards the financial health of AABP.

I would be remiss if I did not acknowledge the pleasure of working with Dr. Harold Amstutz for many years. He was a great source of strength for me. There were many occasions when he or I would call with a ‘tale of woe’ about some problem. However, we almost invariably ended our conversation with a hearty laugh. Tomorrow would be another day! (The sun always rises!) Dr. Lee Allenstein devoted many years of service to the AABP as Advertising Manager. I fully understood the frustration of working with agencies in this area. Lee did it well. As our world circulation grew, there was obviously an opportunity for more advertisements in our publications. Dr. Jarrett deserves a lot of credit for “lining” us up with Veterinary Learning Systems. They are doing a superb job for us.

Finally, I feel you should know about the tremendous help I and the AABP have received from my wife, Mary. A staunch supporter of the AABP, she

always looks forward to our annual conventions for reunions with her friends. Above all, Mary has worked hard for AABP ever since I became editor. Mary put in an enormous amount of time and energy into local arrangements when the AABP Convention was held in Oklahoma City in 1983.

Though I will be retiring officially at the Spokane Convention, there will still be considerable work for me to do. I know that I will have to handle some of the correspondence, phone calls, etc. during the transition. Also, I will honor my commitment to write the history of AABP. I have gathered most of the information and plan to have it completed this year.

Dr. Robert A. Smith was appointed Assistant Editor, effective January 1, 1998. Bob will become the Editor when I retire in September. He has already taken on the responsibility of obtaining manuscripts for peer review. A section of each journal is now assigned to them. I wish him every success in his new assignment.

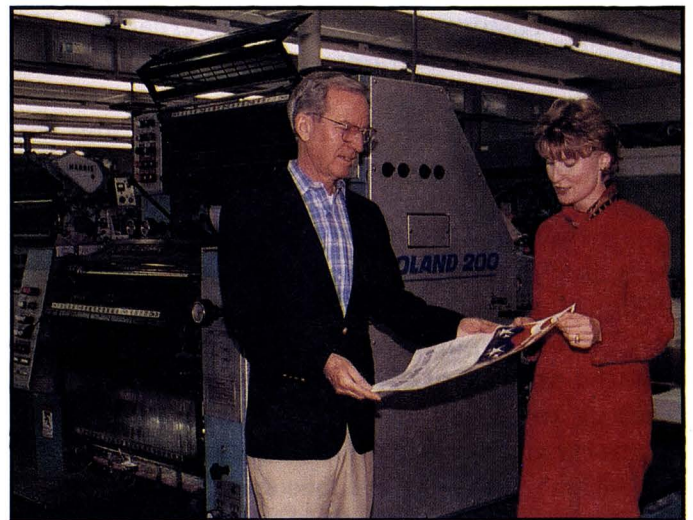
In expressing my sincere thanks for the honor and privilege of being your editor for all these years, rest assured that I have thoroughly enjoyed the assignment. I wish all of you continued success in making our publication the best in the world.

Au revoir—but not goodbye!

The sun never sets on the bovine practitioner



The Frontier Printers' family.



Rudy Bittle and Becky Bittle Pfeiffer, owners of Frontier Printers, Inc.

The World of James Herriot Centre



The proposed dispensary

The World of James Herriot Centre will open Easter 1999. Housed in his former surgery in Thirsk, Yorkshire, the centre will recreate the life of the world's most famous veterinarian, Alfred Wight.

Work on the scheme began in April and will convert 23 Kirkgate and a neighbouring house into a world class visitor centre. Hambleton District Council pledged \$880,000 to the scheme which is estimated to cost £1.4 million (approximately \$2.1 million).

Thanks to public response, £252,000 have been donated at present. The centre is expected to attract up to 95,000 visitors a year. It has the full support of the Wight family who chose the attraction's name. It will become the only education centre of its kind in the United Kingdom. His son, James Wight, stated: "We are delighted with these proposals. My father would have been very proud to have been honoured in this way."

The surgery's sitting room, dining room, dispensary, operating theatre and kitchen will be

dressed period style and crammed with Herriot memorabilia. A typical Yorkshire fold yard will be recreated outside to house exhibitions showing the countryside where Alfred Wight lived and worked and how it changed through the seasons.

Upstairs, veterinary science past, present and future will be explored through exhibitions and interactive displays.

A nationwide appeal for veterinary artifacts has been launched for pre-1965 equipment. They need everything from instruments to dispensary bottles, old books and journals.

Contributions to the public appeal for the Centre should be sent to: Treasurer's Dept., Hambleton District Council, Civic Centre, Stone Cross, Northallerton, N. Yorkshire DL6 2UU, England—payable to Hambleton Town Council, or by credit card.

Further information may be received from Paul Whitaker, Hambleton District Council, Civic Centre, Stone Cross, Northallerton, DL6 2UU Yorkshire: Tel. 01609 767163 Fax 01609 780017.

“ANYTHING ELSE IS ALL HAT AND NO CATTLE.”

© Copyright American Association of Bovine Practitioners; open access distribution.

Naxcel[®]



The One To Use First.

Ask your veterinarian for information about Naxcel, or call 1-800-FYI-NAXCEL (1-800-394-6292).