

Twenty-Eighth Annual Conference

of the
American Association
of
Bovine Practitioners

San Antonio, Texas
September 14 - 17, 1995
Specialty Seminars September 11 - 14, 1995

**Theme: "Return with the AABP to San Antonio-
and Double Up on Information for the Future"**

The Program

The program committee and I would like to extend to you an invitation to participate in several firsts while attending the Twenty-Eighth Annual Conference of the American Association of Bovine Practitioners, September 14-17, 1995. The AABP has never met in the same city twice in its history and this will change this year when we meet in San Antonio, Texas for the second time, the first being in 1979. The AABP had held joint meetings in 1990, 1992, and 1994 and will meet with the Society for Theriogenology in 1995.

Recommendations from the AABP committees and results from Pittsburgh's meeting evaluation have been utilized heavily in the structuring of all aspects of the AABP Scientific Sessions as well as the Pre-Convention Seminars. The basic premise for this meeting has been to provide state of the art information impacting all aspects of bovine veterinary medicine including individual animal medicine, production medicine, and issues affecting day to day practice, such as food safety and meat quality.

The opportunity to coordinate our meeting with that of the Society for Theriogenology offers members of either or both organizations something extraordinary. Since moving our meeting to the early fall permanently in 1990, our meeting has been separated from the SFT meeting by only 4-6 weeks. In a busy practice setting, this may have precluded attendance at both meetings, thereby limiting potential continuing education opportunities. The bovine sessions of the SFT meeting will be held opposite the AABP General Sessions. For AABP members in practices involving species in addition to bovine, the non-bovine STF sessions will be held Thursday and Friday (September 14 - 15) at a location just across the street from the San Antonio Convention Center. This type of arrangement should really allow you to "double up on information for the future".

The Opening Evening Ceremonies will depart from the recent tradition of a motivational-humorist type of presentation and this year will feature Dr. Gary Smith. Dr. Smith's presentation centering on Meat Quality and Food Safety will provide timely and relevant information in areas impacting practice more and more often.

Dr. Deb Stark has put together the Pre-Convention Seminars with input from the AABP Nutrition and Reproduction

Committees, and has started a trend which should strengthen this part of our program for years to come. The Computer Practice Tips, two E-mail seminars, and the AABP Software Library should quench the thirst of the electronically adept.

The General and Split sessions will follow the format of last year with the first two Cow-Calf and Feedlot sessions being combined for topics of mutual interest. The Practice Tips and Research Summaries will be held on Saturday, September 16. This arrangement allowed us to procure the talents of Dr. Baxter Black for our annual social event, Friday night, September 15. This promises to be a great evening complete with local cuisine complementing Dr. Black's gift for expounding on the humorous side of veterinary medicine.

The headquarters hotel, the Hilton Palacio Del Rio and the Convention Center are immediately adjacent to the famous San Antonio River Walk. We will also be within walking distance of such historic landmarks as the Alamo so the chance to taste the local flavor will be there just for the asking.

Please join the AABP as it returns to San Antonio - and "double up" on continuing education opportunities as we meet with the Society for Theriogenology. See you there!

Dr. Gatz Riddell, Program Chairman

Program Committee

Program Chairman	Gatz Riddell
Seminar Coordinator	Deborah Stark
General Sessions Coordinator	Paul Johnson
Dairy Sessions Coordinator	Stephen Wadsworth
Cow/Calf Sessions Coordinator	Terry DeGross
Feedlot Sessions Coordinator	Jim Sears
Practice Tips Coordinator	Glenn Rogers
Research Summaries Coordinator	Phillip Jardon
SFT/Bovine Symposium	Tom Bailey
ACT/Bovine Symposium	Pat Phillips
Local Arrangements Coordinator	Steve Lewis
	Bob Corbett
Exhibits Manager	Sam Hutchins
Continuing Education Liaison	Kathy Gloyd

AN INVITATION TO SAN ANTONIO

Bob Corbett and Steve Lewis
Local Arrangements Coordinators

We would like to extend you a hearty welcome to one of Texas's most popular Convention Cities. When a meeting is in San Antonio, a city well-loved for its colorful culture and history, the possibilities for unforgettable events are almost endless.

San Antonio - the tenth largest city in the United States - is a city filled with all the unique ingredients to make a perfect location for a Fall convention. San Antonio is not just one culture but a blend of many - Old South and Wild West. The blending of the old with the new, the casual with the elegant, the peaceful with the exciting is immediately evident. The cool waters of the San Antonio River reflect the city's mood - a relaxed, casual atmosphere with a touch of class and quiet romantic moments accentuated with the tingle of expectation and surprise. Whatever you do, don't try to analyze the spell that San Antonio will cast over you.

Local arrangements is incorporating a broad range of cultural and social activities - including Baxter Black, DVM - which will represent the kind of hospitality we want to provide our AABP and SFT guests. Baxter Black is a world renowned Cowboy Poet, Ex-Veterinarian, and a Starvin' Cattle Feeder. He writes a column, On the Edge of Common Sense, which is the most widely syndicated agricultural column in America. He is the author of several books of cowboy poetry, including Croutons On a Cow Pie and the author of the best selling novel Hey Cowboy, Wanna Get Lucky? He has appeared on the Johnny Carson Show and at the 2 Shot Goose Hunt in Lamar.

The Convention Center is very accessible to all hotels and is located on the famous River Walk. The River Walk has many shops and cultural restaurants along its course. We are excited and would like to have you join us at this exciting location for AABP's Twenty-Eighth meeting. Please plan to join us!

PRESIDENT'S WELCOME

Dr. Robert Smith

This year marks the first time that the AABP Annual Conference will be held in a city for the second time. The AABP last met in San Antonio in 1979. In addition, we are honored to have a joint meeting with the Society for Theriogenology. This joint meeting will certainly expand your continuing education opportunities.

The Program committee has put together a variety of speakers and topics for everybody. Whether your interest is dairy, cow/calf, feedlot or all of the above, the opportunities to learn new information will be there. In addition, speakers will be addressing a balance of individual cow medicine, production management and information management topics. For those who want in-depth small group instruction, you have a choice of over 20 seminars.

San Antonio is a historic city geared to the needs of tourists and those gathered for conventions. It is beautiful, safe and has a world of attractions available throughout the down-

town and riverwalk areas. And San Antonio doesn't close its doors early, there is an abundance of things to see and do until very late in the evening.

Make sure that you mark your calendar for September. Come and participate in the best continuing education available. You'll be glad you did!

SOCIETY FOR THERIOGENOLOGY

WELCOME

Jerry R. Rains, MS, DVM, President

The Society for Theriogenology and American College of Theriogenologists are pleased to invite you to the Bovine Reproductive Symposium and Annual Meeting of the Society and College. It is with great pleasure to have teamed our efforts for 1995 with the American Association of Bovine Practitioners. The cooperative effort in planning the coordinated meetings and activities in San Antonio has been exceptional. The Society, College, and AABP have many mutual members and interests.

The SFT/ACT Annual Meeting is multi-species oriented. Drs. Tom Bailey and Pat Phillips have organized an excellent two-day, Bovine Reproductive Symposium lecture and wet lab to be held on Tuesday and Wednesday, September 12 and 13, at the convention meeting site and Elgin, Texas. The Society for Theriogenology Annual Meeting program will include:

- Plenary Session
- Small Animal
- Equine
- Small Ruminants/Exotics/Swine
- Bovine
- Research Abstracts
- Practice Tips
- David Bartlett Award Address

The general topic sessions will be held on Thursday, September 14 and the in-depth species sessions on Friday, September 15 at the Marriott River Walk Hotel, directly across from the Convention Center. All Bovine in-depth presentations will be on Friday, September 15 at the Convention Center. Special thanks for planning an outstanding program go to the overall program and small animal chairperson, Dr. Shirley Johnston, University of Minnesota, and her working committee of:

- Dr. Tom Bailey, Virginia Maryland College of Veterinary Medicine - Bovine
- Dr. Pat Phillips, American Breeders Service - Bovine
- Dr. Gatz Riddell, Auburn University School of Veterinary Medicine - Bovine
- Dr. Michelle LeBlanc, University of Florida College of Veterinary Medicine - Equine
- Dr. Cynthia Wolf, University of Minnesota College of Veterinary Medicine - Small Ruminants/Exotics/Swine
- Dr. Dale Paccamonti, Louisiana State University School of Veterinary Medicine - Research Abstracts
- Dr. Lloyd Kloppe, Durango Equine Veterinary Clinic, Buckeye, AZ - Practice Tips

There are numerous national and international experts included in the various sessions. We hope you will plan to attend not only the bovine topics on Friday, Saturday and Sunday, but also the bovine Reproductive Symposium, general sessions on Thursday, and a portion of the in-depth species sessions on Friday. This is a unique opportunity for our separate and joint members to avail themselves of an outstanding and broad-based continuing education opportunity.

MEETING SITE

All scientific sessions, seminars, exhibits, posters and other scheduled activities will be held in the San Antonio Convention Center, 200 East Market St., San Antonio, TX 78298.

EXHIBITS

The commercial and educational exhibits will be located in the South Exhibit Hall of the San Antonio Convention Center, San Antonio, Texas. These exhibits provide the bovine veterinarian an opportunity to interact with providers of biologicals, pharmaceuticals, equipment and services.

Exhibit Hours

Thursday, September 14	4:00 p.m. - 7:00 p.m.
Friday, September 15	9:00 a.m. - 5:00 p.m.
Saturday, September 16	8:30 a.m. - 4:00 p.m.

TECHNOLOGY TRANSFER POSTER SESSION

Location: South Exhibit Hall

The TTPS is next to the educational exhibits in the South Exhibit Hall and are available for viewing during the exhibit hours.

Presenters will be asked to be available to interact and answer questions on Friday and Saturday.

REGISTRATION

Location: Foyer, South Exhibit Hall, Conv. Ctr.

Monday, September 11	7:00 a.m. - 5:00 p.m.
Tuesday, September 12	7:00 a.m. - 5:00 p.m.
Wednesday, September 13	7:00 a.m. - 5:00 p.m.
Thursday, September 14	7:00 a.m. - 5:00 p.m.
Friday, September 15	7:00 a.m. - 5:00 p.m.
Saturday, September 16	7:00 a.m. - 5:00 p.m.
Sunday, September 17	8:00 a.m. - 12:00 noon

SPEAKER READY ROOM AND PRESS ROOM

SEPTEMBER 11-17..... 7:00 a.m. - 10:00 p.m.
Location: Room 209, Convention Center

OPENING EVENING HOSPITALITY

Thursday, September 14

Location: South Banquet Hall, Convention Center
Exhibits Open 4:00 p.m. - 7:00 p.m.
Hors d'oeuvres 5:00 p.m. - 7:00 p.m.

OPENING SESSION

Location: South Banquet Hall, Convention Center
Program Committee Welcome and Awards Presentation
7:15 p.m. - 8:15 p.m.

Keynote Speaker

Dr. Gary Smith

8:15 p.m. - 9:15 p.m.

Dr. Gary Smith is sponsored by a grant from Roche Animal Nutrition and Health.

**"The Role of Bovine Practitioners In Assuring
The Safety of Beef"**

Today's bovine practitioner is faced with many issues and concerns that lie outside the areas of expertise in which they were trained. While these issues may not directly impact the scientific area of veterinary medicine, they have a tremendous effect on the way that veterinary medicine is practiced. Food safety, involving both meat and milk, is one issue that not only has achieved national prominence but one which promises to impact the practice of veterinary medicine as "farm to fork" protocols are evaluated and adopted. Dr. Gary Smith has occupied the Monfort Endowed Chair in Meat and Animal Sciences at Colorado State University since June of 1990. Previously, he served as Professor (1969-1982) and Head (1982-1990) of the Department of Animal Science at Texas A&M University where he received the Honor Professor Award, the College of Agriculture Teaching Award, the University Distinguished Teaching Award, and the Deputy Chancellor's Award for Team Research.

Dr. Smith has won Distinguished Research Awards and Distinguished Teaching Awards from both the American Society of Animal Science and the American Meat Science Association. He has also been awarded the National Association of Meat Purveyors - Outstanding Educator Award, the National Livestock Grading and Marketing Association - Service Award, The Livestock Publications Council - Headliner Award, and was named one of the "25 Who Made a Difference" by Beef magazine. In 1993, he was named a University Distinguished Professor by Colorado State University and a Fellow-In-Teaching by the American Society of Animal Science and in 1994 he was named one of six "Industry Innovators" by Meat Marketing and Technology magazine.

Currently, Dr. Smith is on the board of directors of Colorado Cattle Feeders Association, is an advisor to the Carcass Quality Task Force of the National Cattlemen's Association, is a member of the Food Marketing Institute/American Meat Institute Meat Marketing Committee, the Scientific Advisory Board of the American Meat Institute, the Western Stock Show Association, the Uniform Retail Meat Identity Standards Committee of the National Live Stock and Meat Board, Animal Production HACCP Technical Advisory Group for FSIS-USDA,

National Advisory Committee on Meat and Poultry Inspection, and the Committee for the National Beef Tenderness Plan of the National Cattlemen's Association. He is on the board of advisors for the American Council on Science and Health and chairs the National Beef Instrument Assessment Planning Committee for the National Live Stock and Meat Board. Eminently qualified in the area of food safety of beef, Dr. Gary Smith will provide us the background needed to become proactive and maintain a place in the forefront of food safety as bovine practitioners.

Please join us as we open our 1995 Annual Meeting with a topic representative of the expanding role of all food animal practitioners. WELCOME!

GENERAL SESSIONS

GENERAL SESSION I

Friday, September 15

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

Location: Centro A,B,C & D

Moderator:

- 8:00 Field Diagnostics: Problems and Solutions
- **Chris Ashworth**
- 8:55 The Veterinary Diagnostic Laboratory: Effective Use of Available Services - **Louis Newman**
- 9:45 Milk/Refreshment Break
- 10:15 Surgical Review of the Male Bovine - **Dwight Wolfe**
- 11:05 Pharmacology and Microbiology of Enrofloxacin in Cattle - **Michael Stegeman**

GENERAL SESSION II

Friday, September 15

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

Location: Centro

Moderator:

- 1:30 Review of Antibiotic Therapy in Lactating Cattle
- **Corey Langston**
- 2:15 Review of Antibiotic Therapy in Non-Lactating Cattle - **Dan Upson**
- 3:00 Milk/Refreshment Break
- 3:30 Endotoxic Shock Therapy for the Bovine
- **Katherine Bretzloff**
- 4:15 Current Issues and Topics Concerning the Bovine Practitioner - **Steve Sundlof**

SPLIT SESSIONS

Split sessions are designed for all registrants, but allow you to select topics related to your specific interests in either dairy, cow/calf or feedlot practice specialties. Subject matter will be much more specific to beef or dairy when compared to the general session. Lecture style format allows speakers to cover the maximum quantity of information in each of the sessions.

DAIRY SESSION I

Friday, September 16

9:30 a.m. - 12:00 noon

Maximizing Reproductive Performance With Nutrition

Location: Plaza A,B,C & D

Moderator: **Rick Allison**

- 9:30 - 10:10 Enhancing Reproductive Efficiency By Optimizing Energy Balance and Dry Matter Intake - **David Byers**
- 10:10 - 10:30 Vitamin Nutrition for Dry Cows: Focus on Vitamin E - **William S. Swecker, Jr.**
- 10:30 - 11:00 Milk/Refreshment Break
- 11:00 - 11:20 Trace Element Nutrition For Dry Cows: Focus on Selenium - **William S. Swecker, Jr.**
- 11:20 - noon Improving Reproductive Performance in Dairy Cattle Via Milk Fever Prevention
- **Gary Oetzel**

DAIRY SESSION II

Saturday, September 16

1:30 - 5:30 p.m.

"The Art of Seeing"

Location: Plaza A, B, C & D

Moderator: **Hank Spencer**

- 1:30-2:15 Replacement Rearing - **Walter Guterbock**
- 2:15-3:00 Cow Comfort - **Gordie Jones**
- 3:00-3:30 Milk/Refreshment Break
- 3:30-4:15 Quality Milk Production - **David Reid**
- 4:15-5:00 Nutrition Management - **Bill Prokop**
- 5:00-5:30 Question and Answer Period

DAIRY SESSION III

Sunday, September 17

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

Laminitis and Mastitis

Location: Plaza A, B, C & D

Moderator: **Robert Corbett**

- 8:00-8:50 Laminitis - **Chuck Guard**
- 8:50-9:45 Ruminocentesis: A Herd-Based Approach to Diagnosis of Subacute Rumen Acidosis
- **Ken Nordlund**
- 9:45-10:15 Milk/Refreshment Break
- 10:15-noon What's New in Records and Therapy -
- - In this session you will - -
- Learn how to use the Total Quality Management concepts with AABP's Clinical Mastitis Evaluation Records to make treatment decisions. - **Phil Sears**
- Review the factors that influence therapy decisions in clinical cases of Gram-positive mastitis.
- **David Wilson**
- Learn how these factors differ from considerations in treating clinical mastitis due to Gram-negative organisms.
- **Jeff Tyler**

COW/CALF AND FEEDLOT I

SPLIT SESSIONS

Saturday, September 16

9:30 a.m. - 12:00 noon.

Location: Centro A, B, C & D Convention Center

Moderator: **Lonty Bryant**

- 9:30-10:30 Introduction to Problem Solving and Critical Thinking - **Ken Odde**
- 10:30-11:00 Milk/Refreshment Break
- 11:00-noon Failure of Passive Transfer: Risk Factors and Affects on Lifetime performance
- **Louis Perino**

COW/CALF AND FEEDLOT II

Saturday, September 16

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

Location: Centro A, B, C & D, Convention Center

Moderator: **Lonty Bryant**

- 1:30-2:15 Efficacy Studies in the Scientific Literature: 7 Ways You Can be Mislead - **Dale Hancock**
- 2:15-3:00 Koch is Dead: Why We Should Discard Traditional Views of Infectious Processes
- **Dale Hancock**
- 3:00-3:30 Milk/Refreshment Break
- 3:30-4:15 Strategic Laboratory Use: How to Use Hypothesis Based-Laboratory Testing - **Dale Hancock**
- 4:15-5:00 Population Gestalt: Simple Tools to Focus Herd Problems - **Dale Hancock**

COW/CALF SESSION I

Sunday, September 17

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

Location: Centro A & D, Convention Center

Moderator: **Michael Downey**

- 8:00-9:00 Androgenization of Cows as Aids for Estrous Detection and Influence of Biostimulation on Postpartum Reproduction - **John Spitzer**
- 9:00-9:45 Production Record Analysis: Critical Economic Measures for Decision Making in Beef Herds (part one) - **Paul Gutierrez**
- 9:45-10:15 Milk/Refreshment Break
- 10:15-11:00 Production Record Analysis: Critical Economic Measures for Decision Making in Beef Herds (part two) - **Paul Gutierrez**
- 11:00-noon Beef cow Immunity and Its Influence on Fetal and Neonatal Health - **Louis Perino**

FEEDLOT SESSION I

Sunday, September 17

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

Location: Centro B & C, Convention Center

Moderator: **Dale Grotelueschen**

- 8:00-9:45 Understanding and Improving Carcass Quality
- **Gary Smith**
- 9:45-10:15 Milk/Refreshment Break
- 10:15-11:00 A Practitioners Perspective on Beef Carcass Condemnations - **Bob Kerschen**
- 11:00-noon Monitoring Feedlot Diseases for Quality Production - **Bob Glock**

PRACTICE TIPS

Saturday, September 16

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

Location: Plaza A, B, C & D

Moderator: **Glenn Rogers**

- Radial or Crossply? Put Treads on Their Soles - **Chris Watson**
- Practical Uses for Ultrasound in Beef Practice - **Mike Slattery**
- Bovine Fiberglass Boots, Whiffle Ball Bat Prolapse Repair, Cost Effective Hydraulic Chutes - **David Cupps**
- Brain Removal with a Water Hose - **Alan Honeycutt**
- Bovine Triple-Drip - **Gary Warner**
- Physics in Practice-Loading Cadavers - **Paul DuBois**
- Overdue Calf Delivery - **Arch Andrews**
- TMR Test Mix - **Arden Nelson**
- Pregnancy Checking - Why They're Open...not IF They're Pregnant - **Vince Traffas**
- Tennessee Tidbits V - **Hugh McCampbell**
- Mastitis Diagnostic Kit - **James Bradford**
- Calf Delivery Tools of the Trade - **William Berry**

RESEARCH SUMMARIES

DAIRY AND GENERAL

Saturday, September 16

7:00 - 9:30 p.m.

Location: Centro B & C

Moderator: **Phillip Jardon**

- "150 referral hospital uterine torsions - New thoughts on an old problem" - **Grant Frazer**
- "Bovine Immunodeficiency Virus: A Lentivirus associated with encephalitis, immune deficiency and secondary infections" - **Ron Snider**
- "Effectiveness of calcium propionate gels" - **William K. Sanchez**
- "Evaluation of morbidity and mortality in young dairy heifers after vaccination with a *pasteurella haemolytica* A 1 leukotoxoid" - **Reynold Stevens**
- "Comparison of various antibiotic treatments in cows diagnosed with toxic puerperal metritis" - **Billy Smith**
- "The effect of multiple postpartum prostaglandin treatments on the fertility of dairy cattle with endometritis" - **Michaela Kristula**
- "Otitis media in pre-weaned dairy calves: A preliminary case report" - **Gina DeChant**
- "Effect of BST on reproduction" - **Dr. Andy Keeter**

- "Type II, BVD persistently infected calves" - **Tom Drake**
- "Efficacy of four treatments of papillomatous digital dermatitis (hairy foot warts) in dairy cows" - **Walter Guterbock**

RESEARCH SUMMARIES

BEEF AND GENERAL

Saturday, September 16

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

Location: Centro A & D

Moderator: **Rob Atwill**

- "An epidemiological evaluation of beef bulls: The effects of the revised breeding soundness examination standards" - **Kammy Johnson**
- "The effect of diarrhea on the glutamine requirements of the calf gut" - **Germain Nappert**
- "The use of ultrasound in assessing injection site reactions following multivalent clostridial vaccination in cattle" - **Christine King**
- "Efficacy of ceftiofur sodium as therapy for experimentally induced bacterial foot rot" - **John Berg**
- "Overcoming fescue toxicosis using immunological means" - **Fred Thompson**
- "Select immune response in beef calves grazing endophyte-infected tall fescue" - **Korinn Saker**
- "Effect of pasture trace mineral supplementation on liver mineral levels and postweaning health" - **Dale Grotelueschen**
- "Comparison of maternal blood and fetal liver selenium concentrations in California cattle" - **John H. Kirk**
- "Pasteurella haemolytica vaccines and their effectiveness" - **Raymond W. Loan**
- "What's going on in bovine viral vaccines: Do both killed and modified live vaccines induce cell mediated immunity?" - **Chris Chase**

COMPUTER PRACTICE TIPS

Fee: Free to all registrants
Location: Room 208, Convention Center
Date: Friday, September 15
Time: 8:00 a.m. - 12:00 noon
Coordinator: **Patty Scharko, DVM**
 Phone (902) 566-0828
 FAX (902) 566-0958
 email: scharko@upej.ca

- 8:00 a.m. First Step Onto the Net-getting Internet mail - **Jim Ehrlich**
- 8:30 a.m. Surfing the Net "AABP Home Page: Simplified Information Retrieval by Practitioners" - **Steve Eicker**
- 9:00 a.m. NOAH: What It Offers to Bovine Practitioners - **Jim Brewer**
- 9:30 a.m. QuickBooks: A Cost Accounting Program for Bovine Practitioners and their Clients - **Roger Saltman**

- 10:00 a.m. How to Use CTAP in Dairy Practice - **Roger Ellis**
- 10:30 a.m. The Economics of Bulk Tank SCC and Cow Culling - **Mark Van der List**
- 11:00 a.m. Anionic Salts Spreadsheet Simplified for Practical Use - **Ed Henry**
- 11:30 a.m. Welcome to the AABP Software Library - **Gale DeJong**

COMPUTER TECHNOLOGY TRANSFER SESSION

Fee: Free to all registrants
Location: Room 208, Convention Center
Date: Friday, September 15
Time: 1:30 p.m. - 3:30 p.m.
Coordinator: **Patty Scharko, DVM**

- 1:30 p.m. Barcodes and Voice Recognition Techniques for Data Entry into Computerized Dairy Database Records - **Robert Holmes**
- 2:00 p.m. Interactive Video Network: Video Conferencing for Continuing Education - **Doug Carmel**
- 2:30 p.m. Dairy Dilemmas - Introduction to Dairy Production Medicine with Interactive Video Disc - **Ken Nordlund**
- 3:00 p.m. A New Method for Continuing Education. Life-Learn: Introduction to Dairy Cow Comfort and Environmental Management with Interactive Video Disc. - **Ken Sanderson**

AABP SOFTWARE LIBRARY

The AABP library of freely-copiable software programs will be available to members all day. 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. Each program is checked for viruses, compressed and loaded onto the hard disks of dispensing machines. Members browse for free, then copy the programs of their choice onto floppies that are pre-formatted and pre-loaded with instructions for decompression. All proceeds from the sale of these floppy disks are devoted to the maintenance of the library.

Fee: Free browsing to all registrants
Location: Room 202, Convention Center
Date: Saturday, September 16
Time: 9:30 a.m. - 5:00 p.m.
Coordinator: **Gale DeJong, DVM**
 (206) 354-5095

SOCIETY FOR THERIOGENOLOGY

BOVINE SESSIONS

Friday, September 15

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

Location: Plaza A, B, C & D, Convention Center

Moderator: **Pat Phillips**

- 8:00 a.m. Welcome - **Jerry Rains**
- 8:05 a.m. Field Collection of Reproductive Data
- **Bruce Clark**
- 8:55 a.m. New Technology for Heat Detection
- **Tom Bailey**
- 9:45 a.m. Milk/Refreshment Break
- 10:15 a.m. Interactions of Nutritional Management and
Reproduction - Case Reports - **Terry Swecker**
- 11:05 a.m. Three Weeks Prior and Three Weeks Post
Partum-What I Do to Optimize Fertility of the
Next Pregnancy - **Dave Byers**
- 12:00 noon LUNCH

Friday, September 15

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

Location: Plaza A, B, C & D

Moderator: **Tom Bailey**

- 1:30 p.m. The Diagnostic Value of Seminal Proteins
- **Ana Montes**
- 2:15 p.m. A 1000 BSE's Using the New Evaluation Form
- **Bob Carson**
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. Assessing Bull Fertility - **Richard Saacke**
- 4:15 p.m. EPD's or the Pelvimeter, You make the Choice
- **Dee Whitter**

NON-BOVINE SESSIONS

EQUINE

Thursday, September 14

- 1:00 p.m. *Equine Track - General*: This day will be spent
updating clinicians on the perinatal period in
the mare.
- 1:00 p.m. High Risk Pregnancy: Identification & Treat-
ment - **Dr. Elisabeth Santschi**
- 2:00 p.m. Obstetrics in the Mare - **Dr. Walter Threlfall**
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. *Equine Track - General*
- 3:30 p.m. The Sick Postpartum Mare: Identification &
Treatment - **Dr. Grant Frazer**

Friday, September 15

- 9:00 a.m. *Equine Track - Advanced*
- 9:00 a.m. Uterine Response to Semen Deposition in the
Mare - **Dr. Mats Troedsson**
- 9:45 a.m. Milk/Refreshment Break

- 10:15 a.m. *Equine Track - Advanced*
- 10:15 a.m. Stallion Infertility: New Methods of Diagnosis
- **Dr. Jan Roser**
- 11:15 a.m. The Role of Clusterin in Stallion Reproduction
- **Dr. Jane Barber**
- 11:45 a.m. LUNCH
- 1:00 p.m. *Equine Track - Advanced*: Colloquium on the
Use of Frozen Semen in the Horse
- 1:00 p.m. Management of Mares to be Bred with Frozen
Semen - **Dr. Lisa Metcalf** - **Dr. Juan Samper**
- 2:00 p.m. Panel Discussion on Clinical Success Rates
Using Frozen Semen in the Horse.
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. *Equine Track - Advanced*
- 3:30 p.m. Infertility in the Mare: Case Presentations
- **Dr. Michelle LeBlanc**

SMALL ANIMAL

Thursday, September 14

- 1:00 p.m. *Small Animal Track - General*
- 1:00 p.m. Pregnancy Termination in the Cat Using
Prostaglandins - **Dr. Claudia Baldwin**
- 1:40 p.m. Pregnancy Termination in the Bitch Using
Bromocriptine - **Dr. Jean Pierre Held**
- 2:20 p.m. Pregnancy Termination in the Bitch Using
Prostaglandins: Treatment Success Rates and
Reasons for Failures - **Dr. Stefano Romagnoli**
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. *Small Animal Track - General*
- 3:30 p.m. Anesthetic & Surgical Technique for
Gonadectomy in the 7 Week Old Cat
- **Dr. Margaret V. Root**
- 4:00 p.m. Effects of Prepuberal Gonadectomy in the Cat
- **Dr. Margaret V. Root**

Friday, September 15

- 9:00 a.m. *Small Animal Track - Advanced*
- 9:00 a.m. Use of Serum Progesterone Concentration to
Determine Optimum Breeding Date in the Bitch
- **Dr. Shirley D. Johnston**
- 9:25 a.m. Experience With Frozen Semen Insemination in
the Dog - **Dr. Jean Pierre Held**
- 9:45 a.m. Milk/Refreshment Break
- 10:15 a.m. *Small Animal Track - Advanced*
- 10:15 a.m. Comparison of progesterone results in the cat
using ELISA test kits and Radioimmunoassay
- **Dr. Claudia Baldwin**
- 11:00 a.m. Clinical Approach to Prolonged Estrus in the
Bitch - **Dr. Stefano Romagnoli**
- 11:45 a.m. LUNCH
- 1:00 p.m. *Small Animal Track - Advanced*
- 1:00 p.m. Ethoxyquin Preservatives in Petfood: Is There
An Effect on Canine Fertility?
- **Dr. Michael Murphy**
- 2:00 p.m. Immune Responses to Over Nutrition in Grow-
ing Dogs - **Dr. Dennis Lawler**
- 3:00 p.m. Milk/Refreshment Break

- 3:30 p.m. Small Animal Track - Advanced
- 3:30 p.m. Effect of Experimental Induced Thyroid Insufficiency on Semen Quality in the Dog
- **Dr. Cheri Johnson**

EXOTICS/SMALL RUMINANTS/SWINE

Thursday, September 14

- 1:00 p.m. *Exotics - General*
- 1:00 p.m. General Breeding Management of the Boer Goat
- **Dr. Kathy Bretzlaff**
- 2:00 p.m. Semen collection in the Llama
- **Dr. Anne Lichtenwainer**
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. *Swine - General*
- 3:30 p.m. Semen Processing Technology for AI in Swine
- **Dr. Gary Althouse**

Friday, September 15

- 9:00 a.m. *Swine - Advanced*
- 9:00 a.m. Microscopic and Biochemical Changes in Sperm from Boars Exposed to High Ambient Temperatures - **Dr. Gary Althouse**
- 9:45 a.m. Milk/Refreshment Break
- 10:15 a.m. *Small Ruminants - Advanced*
- 10:15 a.m. Embryo Survival in the Sheep
- **Dr. John Robinson**
- 11:15 a.m. Management of Dairy Sheep During Lactation to Enhance Conception Rates - **Dr. Cindy Wolfe**
- 1:00 p.m. *Small Ruminants - Advanced*
- 1:00 p.m. Nutrition of the Pregnant Ewe: Effects on Lamb Viability & Growth - **Dr. John Robinson**
- 2:00 p.m. Embryo Transfer in Boer Goats: the Canadian Experience - **Dr. Brian Buckrell**
- 3:00 p.m. Milk/Refreshment Break
- 3:30 p.m. *Small Ruminants - Advanced*
- 3:30 p.m. Modifiers of Energy Metabolism in Ewes and Their Application to Pregnancy Toxemia
- **Dr. Mary Gessort**

For the history of Theriogenology please turn to page 22.

AABP SEMINARS

The following seminars will be presented. For more information please refer to the printed program.

- Bovine Symposium: Lecture Series
- Bovine Symposium: Lecture and Lab Series
- Quality Milk Production
- Dairy Herd Evaluation A Microcomputer Aided Approach
- Providing a Financial Analysis Service as Part of a Production Medicine Program
- Barnyard Epidemiology
- Cow/Calf Enterprise Analysis
- Cost-Effective Feedlot Consulting
- The Use of Reproductive Performance Ratios to Increase Profitability in Beef Herds

- Managing the Nutrition of Beef Cows Maintained on Forage-Based Diets
- Managing Dairy Herd Reproductive Performance
- Embryo Transfer Techniques
- An Evening of Sex
- Advanced Embryo Transfer
- What's New in Diagnosing Cattle Diseases
- Optimizing Dairy Heifer Replacement
- Applied Dairy Nutrition and Lab Problem Solving
- Advanced Dairy Nutrition
- Dry Cow Nutrition
- Carbohydrate Metabolism in Dairy Cattle
- Introduction to Microcomputers for Practitioners
- Electronic Mail For You and/or Your Spouse
- People, Purpose and Profit - the Keys to a Successful Food Animal Practice
- Marriage Enrichment
- Managing Issues & Opportunities

TECHNOLOGY TRANSFER POSTER SESSION

Location: South Exhibit Hall

The TTPS supplements the formal program by providing additional information on ideas and concepts relating to bovine medicine. The session is designed to provide a forum for the exchange of information in a relaxed informal atmosphere. Participants include both university and industry representatives. Involvement in the TTPS is an excellent opportunity to teach and learn, and leads to valuable contacts in dairy and beef practice.

The TTPS is next to the educational exhibits in the South Exhibit Hall and are available for viewing during the exhibit hours. Presenters will be asked to be available to interact and answer questions Friday and Saturday.

EXHIBITS

Location: South Exhibit Hall

Exhibits are an important part of the AABP Conference. The exhibits will be open 19 hours for 2 days in 1995. The following are special features of the AABP Conference exhibits:

AABP Pre-Convention Reception: The exhibits will open Thursday, September 14, at 4:00 p.m., one hour prior to the reception. The mixer/buffet reception will be held in and adjacent to the exhibit area from 5:00 p.m. - 7:00 p.m. This activity brings veterinarians, spouses and guests to the exhibit hall for a light meal and camaraderie before the opening ceremonies.

Half-hour coffee/milk breaks are held in the exhibit area during the morning and afternoon programs on Friday and Saturday.

A coupon worth \$2.00 towards the price of a beverage and sandwich in the food service area during the lunch breaks on Friday and Saturday will be given to each registered veterinarian Lunch breaks are 1 hour in duration.

If you are coming to the AABP Conference to learn new ideas and concepts which will strengthen your professional activities, the exhibits can be an important part of this educational process, and we look forward to your participation.

SOCIAL ACTIVITIES & TOURS

AN EVENING WITH BAXTER BLACK

Friday, Sept. 15
7:00 p.m.
South Banquet Hall
San Antonio Convention Center

Spend the evening with Baxter Black, America's best selling cowboy poet. Dine on plenty of good Tex Mex food, and enjoy the wit and humor of America's classic cowboy entertainer.

Baxter has taken the art of rhyme one step further, using his lunatic wit and animated delivery to create a whole new field of entertainment. Baxter's talents have been enjoyed by millions - from banquet and concert appearances to network television, as a commentator on National Public Radio, nationally syndicated columnist and regular guest on The Tonight Show.

Baxter's off-center cowboy poetry has been preserved (without any chemical additives) in eleven books, seven cassette tapes and two full-length video features. In addition, Baxter has recently turned novelist with the release of "Hey, Cowboy, Wanna Get Lucky?" (Crown Publishing) in August '94.

Raised near Las Cruces, New Mexico, Baxter grew up in and around the livestock business. He became a veterinarian, dispensing his medicine and practicing his humorous songs and poems on countless cowboys who worked with him on ranches and feedlots around the mountain West. Before long, Baxter was spending as much time entertaining as he was doctoring livestock. Choosing the cleaner of the two options, Baxter hung up his plastic sleeve and jumped head-first into show business. He hasn't treated a case of foot rot since.

Baxter Black's appearance is supported by a generous contribution from Pfizer Animal Health.

Price Per Person: \$24.50

TOURS

Tour 1

Mission Trail with a Treat
Wednesday, September 13
12:30 p.m. - 5:30 p.m.
\$20.35 per person

One of the country's few National Parks within an urban setting, the missions tell the early story of San Antonio. Tour Mission San Jose with its famous "Rose Window", and drive by Mission Concepcion before visiting the Lose Star Brewery with its Buckhorn Saloon and the Buckhorn Hall of Horns, Fins & Feathers. Includes transportation, admission fees and taxes.

Tour 2

Heartbeat of San Antonio
Thursday, September 14
8:30 a.m. - 12:30 p.m.
\$24.20 per person

Enjoy the Heartbeat of San Antonio as you experience the famed River Walk on board a river barge. Tour the Alamo,

San Antonio's first mission, then drive through the King William Historical District. Finish your morning with a trip to Market Square for shopping and fun. Includes transportation, admission fees and taxes.

Tour 3

San Antonio's Green Spots Tour
Thursday, September 14
1:00 p.m. - 5:00 p.m.
\$33.00 per person

Box lunches and frosty drinks are the order of the day while enjoying a number of San Antonio's favorite Green spots, from the Brackenridge Park, with its Japanese Tea Garden, the San Antonio Botanical Center, a \$6.5 million award winning complex, Fort Sam Houston, which includes the Quadrangle (one of San Antonio's most historic sites), and finally the McNay Art Museum, truly a treasure trove for both the serious and casual art lover. Includes lunch, transportation, admission fees and taxes.

Tour 4

(Repeat of Tour 1)
Mission Trail with a Treat
Friday, September 15
12:30 p.m. - 5:30 p.m.

Tour 5

**The Hill Country's
Famed Fredericksburg**
Friday, September 15
8:30 a.m. - 4:30 p.m.
\$27.50 per person

Visit the beautiful Texas Hill country and the Fredericksburg Herb Farm. Finish your day with site-seeing and shopping in historic Fredericksburg. Lunch is on your own while in Fredericksburg. Includes transportation, continental breakfast, admission fees and taxes.

Tour 6

**The Lyndon Baines Johnson
Hill Country**
Saturday, September 16
8:30 a.m. - 4:00 p.m.
\$46.75 per person

North of San Antonio is the Texas Hill Country and the home of our 36th president, Lyndon B. Johnson. We will visit two communities that played major roles in the shaping of President Johnson's life. Visit Johnson City, with President Johnson's boyhood home, and the Johnson Settlement. Tour the Lyndon B. Johnson Historical Park, across the Pedernales River from the "Texas White House". Enjoy box lunches under the live oak trees located in the park. Finally, see the Sauer-Beckmann Farmstead, a Living History Farm, which is operated as if it were the year 1918, with park interpreters in period clothing. Includes transportation, box lunches, admission fees and taxes.

San Antonio, Texas



The Alamo

San Antonio is the spirit of Texas. Its history runs deep; its future looks bright. A city of wonderful variety, San Antonio is where you'll see as many cowboy hats and Mexican dresses as business suits. Its many attractions and unique cultural opportunities make the city a complete vacation destination - and visitors always feel welcome.

San Antonio is one of the most convenient cities in the United States. Near the south central tip of Texas, it is located halfway between the East and West coasts of the United States. The Gulf of Mexico, the splendid Texas Hill Country, other big Texas cities, and the border of Mexico are within a few hours reach by automobile. Most major airlines service San Antonio, and there are quick connecting flights between it and other major Texas cities.

The tenth largest city in the United States, San Antonio numbers nearly one million citizens. It is set firmly in the Sun Belt, with mild weather year-round. The city enjoys more than 300 days of sunshine annually and has an average temperature of 68.8 degrees Fahrenheit. Lush greenery is seen throughout the year.

Spanish missionaries settled the area in the early

1700s. Their legacy is still felt in modern San Antonio. Four exquisite -- and still active -- **Spanish missions** are a link to the past. The tranquil missions are a marvelous way to explore the city's roots.

Expecting it to be in the middle of the woods, many visitors are surprised to find the legendary **Alamo** in the middle of downtown. The "Cradle of Texas Liberty" is another reminder of the city's Spanish past. It began life in 1718 as Mission San Antonio de Valero, the first of the city's missions. It entered the history books in 1836 when 189 defenders held the old mission against 4,000 Mexican troops for 13 days. The cry "Remember the Alamo" became the rallying point of the Texan revolution and one of this country's most popular catchphrases. Today the Alamo is a shrine to its valiant defenders and is open to the public.

There are many terrific museums to explore, including the **Institute of Texan Cultures**. This lively, colorful museum, chronicles the many ethnic groups that made Texas what it is. Their stories are told through words, photos and fascinating displays, that include such eclectic items as an authentic tepee, an old-time barbershop, frontier dentist office and sharecropper's shack.

San Antonio's River Walk

Amidst the daily hubbub of a busy metropolitan downtown, sequestered 20 feet below street level, lies one of San Antonio's jewels --- the Paseo del Rio. (See Cover Photo)

Better known as the River Walk, these cobblestone and flagstone paths border both sides of the San Antonio River as it winds its way through the middle of the business district.

The River Walk has multiple personalities --- quiet and parklike in some stretches, while other areas are full of activity with European-style sidewalk cafes, specialty boutiques, night-clubs and gleaming high-rise hotels.

Stretching for approximately 2½ miles from the Municipal Auditorium on the north end to the King William Historic District on the south, the River Walk designs were mainly the work of the late Robert H. H. Hugman, a landscape architect.

A major flood in 1921 had killed 50 people and resulted in millions of dollars in property damage, as well as public outcries to cover the river with concrete, with the riverbed to serve as a sewer. Fortunately, a small group of women, who formed the nucleus of the present day San Antonio Conservation Society, saved the river from this fate through a puppet show entitled "The Goose That Laid The Golden Egg," written by Emily Edwards.

With WPA work crews, Hugman and engineer Edwin P. Arneson completed most of the walks, arched bridges and entrance steps during 1939 to 1941. Hugman initially called his plan "The Shops Of Aragon And Romula."

The River Walk remained primarily a park for years, and, in fact, developed a tainted reputation. However, in preparation for HemisFair 1968, the World's Fair in San Antonio, commercial development and beautification along the river began in earnest and still continues.

Today, the river's floating transportation system provides a novel method of sightseeing and people watching in downtown San Antonio. Groups can also dine aboard open-air, candlelit barges and cruise their way along the scenic waterway. River taxis deliver visitors to Rivercenter, a dazzling three-level, glass shopping, dining and entertainment complex, and to the Henry B. Gonzalez Convention Center.

Entertaining is a favorite activity along the River Walk, and restaurants offer cuisines from the finest Tex-Mex delicacies to sizzling Texas steaks to Creole cooking to Italian pasta. Lively groups sing along in an Irish pub and a Dixieland band performs far into the night. Hard Rock Cafe anchors South Bank, the newest complex of dining and entertainment options.

The River Walk also offers its own unique outdoor theatre. Spectators sit on grassy steps on one side of the river, while the performance stage is on the other. The Arneson River Theatre is the site for events ranging from the Great Country River Festival and a Saint Patrick's Day show to summer's Fiesta Noche del Rio and Las Posadas ceremonies at Christmas.

Two annual parades actually "float" on the San Antonio River downtown each year. The Fiesta River Parade and the Holiday River Parade fill every inch of the River Walk with people, celebrating the season.

The San Antonio River provided life-sustaining water for the native Indians who first settled in this area and still pumps life and energy into downtown San Antonio today as the setting for the River Walk.

On the western edge of downtown is one of San Antonio's favorite attractions, **Market Square**. Mexico is in the air here. Mariachis serenade diners, Mexican folk dancers often perform, and Tex-Mex food is the specialty. In the square are El Mercado and Farmers Market Plaza, border-style marketplaces that feature authentic Mexican crafts, clothing, pottery, foods, pinatas and other items. It's a great place to browse and people watch.

Other downtown points-of-interest are the **Spanish Governor's Palace**, **San Fernando Cathedral** (the oldest cathedral in the United States), the opulent **Majestic Theatre** (a memorable setting for Broadway shows and concerts), **HemisFair Park**, the lovely **King William Historic District**, the **IMAX Theater** (with a six-story-high-screen and wrap-around sound), and several museums. The sky-high **Tower of the Americas** in HemisFair Park is one of the best ways to see the city. This 750-foot-high tower has a restaurant and observation deck at its summit, allowing a panoramic view of the city as it gradually fades into the Texas Hill Country.

Old-fashioned trolleys buzz visitors around downtown for an equally old-fashioned 25-cents. The picturesque trolleys -- with their wooden benches and brass trim -- drop visitors at a number of attractions.

San Antonio has two impressive art museums. The **McNay Art Museum** is set in a Mediterranean-style mansion and has wide-ranging collections, including post-impressionist and modern art, theater art, Medieval art, Native American art, and more.

The San Antonio Museum of Art is housed in the castle-like former headquarters of the Lone Star Brewery. This museum is noted for its antiquities collections, Mexican folk art, modern art, pre-Columbian art, and Spanish Colonial art.

Within a short driving distance of San Antonio are the rolling hills and wide-open sky of the **Texas Hill Country**. This beautiful region is dotted with quaint towns, perfect for browsing or antiquing. Hill Country rivers provide many opportunities for tubing and other sports.

Hill country **dude ranches** offer the quintessential Texas experience. Trail riding, rodeos and chuckwagon cookouts hark back to the Old West. However, the "New West" is also well represented at dude ranches, in the form of golf courses, pools and other modern amenities!

San Antonio has the advantages of a major city, the diversity of many cities, and the friendliness of a small town. It is truly an irresistible place of history and tradition, carefully blended with cosmopolitan progress. San Antonio - Something to remember!

(Information courtesy of The San Antonio Convention & Visitors Bureau)

AABP Officers

President



Robert A. Smith,
DVM
Stillwater,
Oklahoma

Dr. Robert A. Smith, Stillwater, Oklahoma is the AABP President.

A native of southeast Kansas, Dr. Smith received the BS (1968) and MS (1970) degrees in Animal Science from Kansas State University. He was on active duty in the United States Army from 1970-1972, then returned to his alma mater and received the DVM degree in 1976.

Dr. Smith spent a few months in private practice before assuming a large animal internship in the Department of Medicine and Surgery at Oklahoma State University. Until 1990, he was a field services clinician in the Large Animal Clinic and became Co-Director of the Pawhuska (Oklahoma) Research Station. During 1990 and 1991, Dr. Smith worked as a feedyard consultant with Palo Duro Veterinary Service, Canyon,

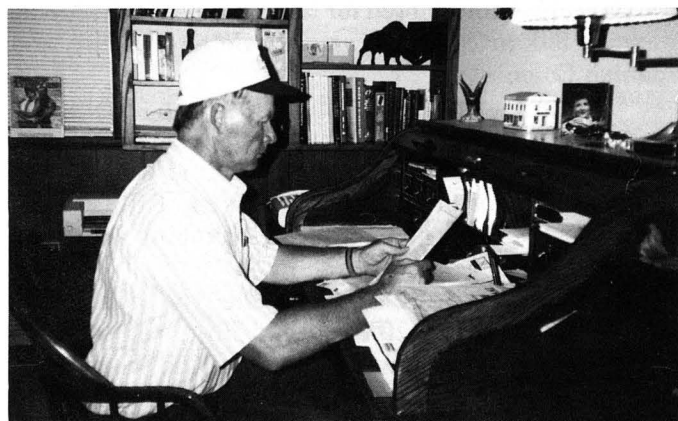


Texas. Since late 1991, he has held the McCasland Chair in Beef Health and Production at Oklahoma State University and continues to work part time as a feedyard consultant with Palo Duro Consultation. Dr. Smith has presented numerous lectures and seminars at local, state and national meetings. He received the Norden Distinguished Teacher Award in 1983. He is currently involved in beef cattle extension and conducts research at the Pawhuska Research Station.

Dr. Smith is a Diplomate of the American Board of Veterinary Practitioners. He is a member of the AVMA, AABP, Kansas VMA, Oklahoma VMA, Academy of Veterinary Consultants, National Cattlemen's Association and Oklahoma Cattlemen's Association.

Dr. Smith has served AABP as Director from District 7 (1987-92), Vice-President (1992-93), and President-Elect (1993-94). He was a Food Animal Regent, American Board of Veterinary Practitioners, 1986-1991; Director, Academy of Veterinary Consultants; Member of the NCA Beef Quality Task Force from 1991 to present; Director, Oklahoma Livestock Industry Foundation; and continues to serve as a liaison between AABP and NCA and AVC.

Dr. Smith holds the rank of Lieutenant Colonel, Air Defense Artillery, USAR. He is married with four children. His hobbies are flying, muscle cars and cattle operations.



A Message From The President

This has been another year of exciting challenges for the AABP. The year has been marked with numerous meetings, travel and more phone calls, letters and E-mail than I can count. In spite of a busy and at times a tiring schedule as AABP President, I can say with more assurance than ever that this is a great and worthwhile organization. But what makes it really great is the membership.

The AABP has always been an organization of volunteers from the membership. The officers, directors, committee chairs, committee members and those tasked to represent us at various meetings give of their time as volunteers. This heartfelt commitment shows a true dedication to veterinary medicine and the beef and dairy industry that we serve. The only salaried employees of the AABP are the editor, the exhibits manager, both of whom are part-time, and the headquarters staff in Rome, Georgia. This structure results in lowered overhead for the organization and in turn lower dues.

The mission statement of the AABP was developed last year by the Strategic Long Range Planning Committee. This mission statement is "The AABP is an international organization of veterinarians organized to enhance the professional lives of members through relevant continuing education that will:

- improve the well-being of cattle and the economic success of their owners
- increase awareness and provide leadership for issues critical to cattle industries
- improve opportunities in bovine veterinary medicine."

As a commitment to this mission statement, much time and effort were expended planning and preparing for the 1995 AABP Conference, which is to be held in San Antonio. The programs look exciting and will hopefully fulfill CE needs for the membership.

Much time was spent interacting with government agencies about industry related issues. Dialogue has been maintained with FDA-CVM about drug availability issues and proper drug usage in livestock. This includes involvement in Veterinary Feed Order discussions, presentations at the Flexible Labeling Symposium and personal interaction between AABP officers and staff and officials of CVM.

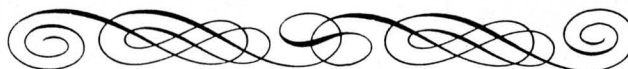
Food safety is also an important issue for bovine practitioners. Because of its importance, the Board of Directors established an AABP Food Safety Committee to address issues important to milk and beef production. The AABP actively participated in the National Food Safety Forum in Washington and is working with other groups to establish the advantages and disadvantages of Animal Production-HACCP programs. I believe these activities also show that bovine practitioners are very committed to helping produce the very safest food supply for the consumers.

Other AABP committees have also been very actively serving the membership. The Reproduction, Mastitis, Public Relations, and Nutrition Committees continue to address relevant issues within their area of responsibility. The Information Management Committee is seeking more efficient ways for the membership to receive and process information and stay on the "information super highway". The Animal Welfare Committee addresses issues which are very sensitive within our society, and tries to educate the public about production agriculture and the animal welfare commitment of our producers.

All of this has been outlined for you to show how much we can accomplish as an organization of bovine practitioners. The challenges are too broad and too numerous for us to be effective as individuals. But as an organization, such as AABP, we can accomplish an unbelievable number of feats. AABP has gone another step further in order to deal with the challenges of today. We interact often with allied organizations such as the National Cattlemen's Association, the National Mastitis Council, the American Association of Swine Practitioners, the AVMA and many more.

I have had a lot of fun this year. Working with fellow bovine practitioners and producers makes this the greatest profession that I know. While walking through an exhibit at Disney World a few years ago I saw a quote that made a lasting impression on me, "No matter what you have accomplished, someone has helped you."

Robert A. (Bob) Smith, DVM
President





President-Elect

M. Gatz Riddell, Jr., DVM
Auburn, Alabama

Dr. M. Gatz Riddell, Jr., Auburn, Alabama is the new AAB President - Elect.

Dr. Riddell was born in McPherson, Kansas. He received the B.S. degree in Arts & Sciences and also the DVM degree from Kansas State University in 1977.

Dr. Riddell served an internship in Large Animal Surgery and Medicine at the College of Veterinary Medicine, Auburn University Auburn, AL from 1977 to 1978 followed by a 3 year residency in Theriogenology at the same department. For the next couple of years, he was engaged in veterinary practice at the Harrogate Hospital for Animals, Harrogate, TN. (8 person mixed practice with emphasis on dairy herd health and embryo transfer). In 1982, he joined the Henderson Animal Clinic, Henderson, TN and in 1984 the Department of Large Animal Surgery and Medicine, College of Veterinary Medicine, Auburn University as an Assistant Professor and at present he is an Associate Professor.

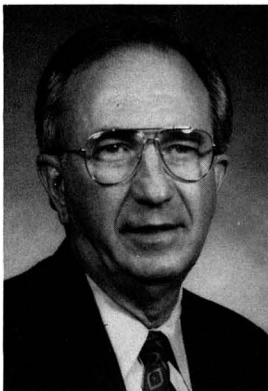
Dr. Riddell became a Diplomate, American College of Theriogenologists in 1982 and received the M.S. degree in Large Animal Surgery and Medicine from Auburn University in 1984. He teaches Bovine Theriogenology, Physical Diagnosis and Dairy Clinic Rotations. He is also responsible for clinical electives in advanced reproductive technique, dairy production medicine, clinical care of client and clinic animals and full managerial responsibilities of the Large Animal Clinic Dairy Herd since 1988.

Dr. Riddell was elected to the AABP Board of Directors to represent District 3 in 1988. He served as local arrangements chairman for the 24th Annual AABP Conference in Orlando, FL in 1991. He was Seminars Chairman for last year's annual conference in Pittsburgh, PA. He is the Program Chairman this year.

Dr. Riddell received the Norden Distinguished Teachers Award in 1986 and was named the Student Government Association Outstanding Teacher in 1989. He is a member of numerous professional organizations and has published several papers on his research work in food animal theriogenology. Dr. Riddell has presented papers at many local, state and national meetings.

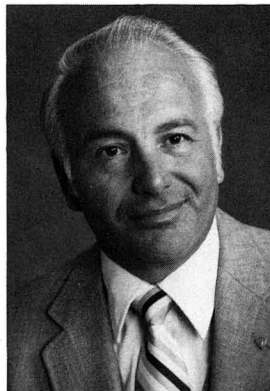
Dr. Riddell and Dr. Kay F. Pelly were married on October 25, 1980. They have three children: Molly Elizabeth, 7; Gatz Westbrook, 5; and Jonathan Pelly, 14 months old. His hobbies include bicycling, gardening, woodworking and kids.

Executive Vice President



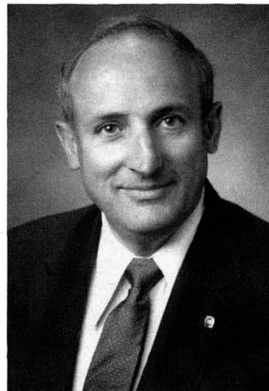
James A. Jarrett
DVM
Rome, Georgia
(also AVMA
Alternate Delegate)

Treasurer



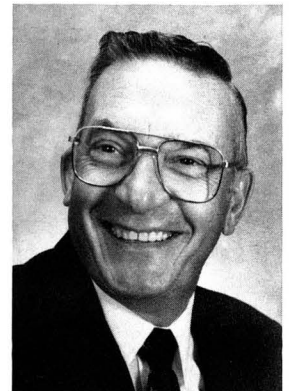
Roland S. Jeans
DVM
Evansville, Wisconsin

AABP Exhibits Manager



Samuel Hutchins III
DVM
South Barre, Vermont

AVMA Delegate



Robert H. Keith
DVM
Monroe, Wisconsin

Vice President

Deborah A. Stark, DVM
Guleph, Ontario, Canada



Dr. Deborah A Stark, is the new AABP Vice President.

Dr. Stark was raised on a dairy farm in Ontario and graduated from the Ontario Veterinary College in 1982.

She spent five years in mixed practice and developed a special interest in dairy preventive medicine.

In 1987, Dr. Stark joined the Ontario government as a Cattle Health Consultant providing extension programs and support for private practitioners. Eventually she became a manager and more involved in animal welfare issues. She also obtained a Master's Degree in Business Administration from Wilfrid Laurier University in 1990.

Since 1992, Dr. Stark has been the Director of the Veterinary Laboratory Services branch. Along with overseeing the management of 4 diagnostic laboratories and 90 staff, she is considered the "provincial veterinarian" and provides input in provincial and federal policies involving animal health issues.

Dr. Stark has been a member of the AABP since graduation and District 12 Director since 1990. She has also served as chair of the Animal Welfare Committee.

Dr. Stark is a member of the Canadian Veterinary Medical Association and the Ontario Association of Bovine Practitioners. She serves on the Board of Directors of the Ontario Farm Animal Council, and the Advisory Board for the University of Guelph's Centre for the Study of Animal Welfare.

Dr. Stark admits a certain fondness for quotations and currently tries to keep a couple in mind:

*"Rule #1 - don't sweat the small stuff;
 Rule #2 - it's all small stuff"*

and

*"If at first you do succeed -
 try to hide your astonishment"*

New Directors



Dr. Steven (Steve) Dale Lewis, Hereford, Texas is the new Director for District 8.

Dr. Lewis was born in Plainview, Texas and raised on an irrigated farm with cow-calf and feedyard entities in Olton, Texas.

Dr. Lewis was salutatorian of his graduating class for Olton High School in 1973. He attended West Texas A & M University, Canyon, Texas from 1973 until 1976. He received a B.S. Veterinary Medicine degree in 1977 and the D.V.M. degree from Texas A & M University in 1979.

From 1979 until 1982, Dr. Lewis was engaged in practice at the Muleshoe Animal Clinic, Muleshoe, Texas. In 1982 he established a general practice at the Hereford Veterinary Clinic, Hereford, Texas where he is the manager and senior partner with Dr. Mike Mimms and they now have two associate veterinarians. They all contribute to the practice of general medicine and surgery with individuals specializing in beef cattle consultation, equine and food animal research, embryo transfer, equine surgery and orthopedic surgery.

Dr. Lewis's personal practice consists of 90% beef cattle consultation and 10% equine medicine and surgery. He is currently on some form of retained professional services with over 30 background or finishing feedyards with yearly capacities of more than 1.5 million head. He is responsible for business management, drug inventory and sales in the practice. Dr. Lewis is a stockholder in XCL Feeders, Inc., Hereford, Texas, a 6,500 head background yard.

Dr. Lewis is currently president of the Academy of Veterinary Consultants, having been a director for 5 years. He is a member of AAEP, AVMA, Texas VMA, Texas Cattle Feeders Association, NCA and Hereford Country Club Board of Directors. He serves on the SmithKline Beecham, Elanco and Miles Feedyard Advisory Boards.

Dr. Lewis and his wife, Leisa, have two sons: Dustin Lee, 15 and Kody Dale, 12.



Dr. Patty Scharko, Charlottetown, PEI, Canada is the new Director for District 12.

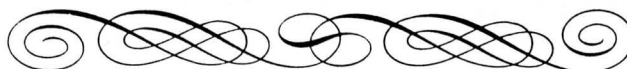
Dr. Scharko was born in Massachusetts and raised in South Carolina. She received her DVM from the University of Georgia in 1983, and accepted a one year internship with the

Ambulatory Section at Tufts University School of Veterinary Medicine. The following year was spent as an instructor at Tufts University. Dr. Scharko then worked for one year with the Rural Animal Medical Service at the University of Florida College of Veterinary Medicine. She completed her residency in Bovine Herd Health at North Carolina State University College of Veterinary Medicine and received her Masters of Public Health in Epidemiology at the University of North Carolina. Since 1989 she has been a Faculty member at the University of Prince Edward Island as Assistant Professor teaching dairy, beef and small ruminant production medicine at the Atlantic Veterinary College. She is also faculty advisor for the student chapters of the AABP, AVMA and Christian Veterinary Missions.

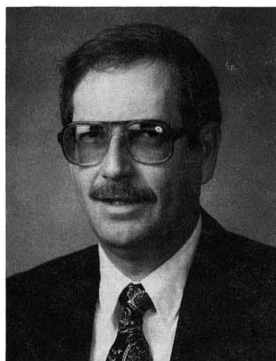
In 1994, Dr. Scharko became a Diplomate of the American College of Veterinary Preventive Medicine and a Canadian citizen. She is a member of several professional organizations.

Dr. Scharkos' involvement in AABP includes being co-ordinator for the Computer Practice Tips Session and Technology Transfer Symposium for the past three years. For the past four years she has been a member of the Information Management Committee. Thanks to Dr. John Fetrow, she started attending AABP meetings during her residency at North Carolina State University in 1986 and has not missed one meeting since then!

Dr. Scharko and her husband, Tommy, have an 18 month-old daughter. She enjoys walking, biking and swimming when there are a few free moments.



New Directors



Dr. Richard L. Wilkes, Rocky Mount, Virginia is the new Director for District 2.

Dr. Wilkes was born in Kenbridge, Virginia. He became interested in dairy cattle while participating in 4 - H calf judging. In 1973 he received a B.S. degree in Dairy Science from Virginia

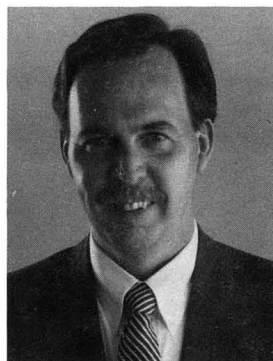
Tech and the D.V.M. degree in 1977 from the University of Georgia.

Dr. Wilkes established Farm Veterinary Services, Inc. in 1978 which is a large animal practice that concentrates on providing complete veterinary service to dairy clients in Franklin County, Virginia. He was a stockholder and associate practitioner with Blue Ridge Embryos, Inc. from 1979 until 1983 and a partner in Pell Animal Clinic, a small animal practice established in Rocky Mount, VA in 1991.

Dr. Wilkes concentrates on dairy production management with a preference for reproductive management.

He is a member of A.V.M.A., A.A.B.P., A.D.S.A., The Society for Theriogenology, Virginia V.M.A., and Virginia Food Animal Practice Academy. He has served as president of the Virginia Food Animal Practice Academy, chairman of the V.V.M.A. Food Animal Committee, and is a member of the V.V.M.A. awards and program committees. Dr. Wilkes is currently serving as a member of the Virginia Tech Dairy Sciences Advisory Board.

Richard L. Wilkes and his wife Beth have three boys, Crafton age 14, Ashley age 13, and Turner Reed age 9. He is a member of Highland United Methodist Church where he is the lay leader, chairman of long range planning, and a certified lay speaker. Richard and Beth enjoy their family and devote most of their spare time to participating with the boys in their school, church, and recreational activities.



Dr. Kenneth Nordlund, Madison, Wisconsin is the new Director for District 5.

Dr. Nordlund was raised on a beef and cash grain farm near Clear Brook, Minnesota. He received a B. S. degree in Animal Science from the University of Minnesota in 1969. From 1969 to

1972, he was a veterinary technician in the U.S. Army in Vietnam and Utah. He returned to the University of Minnesota and received the D.V.M. degree in 1977.

Dr. Nordlund was engaged in private practice with Lake Region Veterinary Center of Elbow Lake and Fergus Falls from 1977 to 1989. Practice activities included dairy production medicine and embryo transfer services.

In 1989, Dr. Nordlund became an Associate Clinical Professor, School of Veterinary Medicine, University of Wisconsin - Madison, developing a new Dairy Production Medicine teaching program for the school. He has presented numerous papers at the state and national level. A member of several professional organizations, he serves on the Board of Directors and Executive Committee of the National Mastitis Council.

In 1986, Dr. Nordlund was the recipient of the AABP Award for Excellence in Dairy Preventive Medicine.

Dr. Nordlund and his wife, Jean have four sons: Peter 17, Steven 14, and twins Paul and Tom, 11. His hobbies include gardening and reading.

AABP 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.

In Memoriam

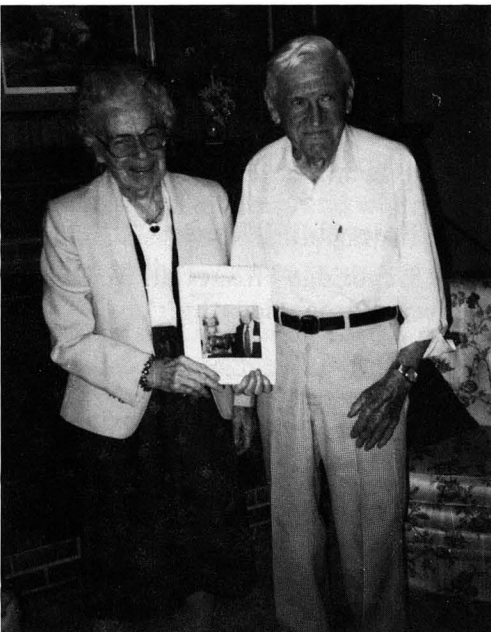


Dr. James Alfred Wight died at his home in Thirlby, Yorkshire on February 23, 1995 age 78. Better known as James Herriot, he was loved by veterinarians and animal lovers all over the world who read his books, the titles being taken from the hymn:

*All Things Bright and Beautiful
All Creatures Great and Small
All Things Wise and Wonderful
The Lord God Made them All.*

His books and the BBC television series *All Creatures Great and Small* portray the bond of trust and friendship with his clients and compassion for his patients which are so important for a successful practice. Dr. Wight was an Honorary Life Member of AABP.

Dr. Wight photographed in his favorite chair for typing his manuscripts.



Dr. Elmer A. Woelffer, 97 and his wife Marian, 85, Oconomowoc, Wisconsin were killed in an automobile accident near Elizabethtown, Kentucky on Monday, May 8, 1995. They were traveling with friends to Tennessee to visit a former Pastor.

Dr. Woelffer received the D.V.M. degree from Cornell University in 1931 and accepted an employment offer from a major New England dairy products firm. He became a leader in dairy cattle artificial insemination. He returned to his native Wisconsin and quickly gained national reputation as a reproduction and milk management specialist. Dr. Woelffer was *Hoard's Dairyman* veterinary editor for 30 years.

The recipient of many awards, he received the AABP Amstutz - Williams Award at the 1994 AABP Convention. Dr. Woelffer was an Honorary Life Member of AABP.

Dr. and Mrs. Woelffer photographed at the home of Dr. and Mrs. Harold Amstutz the previous evening.

• • • • •
Patricia Z. Bittle

AABP members extend their sympathy to Mr. Rudy Bittle and his family on the death of his wife, Pat, age 58, which occurred at her home in Stillwater, Oklahoma, Friday, May 26, 1995. Mrs. Bittle was secretary and treasurer of the family owned Frontier Printers Inc., Stillwater, printers of AABP publications *The Bovine Practitioner* and *Proceedings of the Annual Meetings*.

XIX World Buiatrics Congress

July 8 - 12, 1996

Edinburgh, Scotland, U.K.



Theme: "Cattle Medicine in Practice: Buiatrics in Action"

The XIX World Buiatrics Congress will be held in Edinburgh, Scotland, United Kingdom on July 8 - 12, 1996, organized by the British Cattle Veterinary Association (BCVA).

The main core of the Congress will be 3 simultaneous lecture sessions at the Edinburgh International Convention Center (EICC) There will be translation services in English, French, German and Spanish.

The Keynote speakers will be:

Mastitis

Larry Smith, Ohio - Future Prospects for Mastitis Control

Fertility/Reproduction

Jim Roche, Dublin - Can We Improve Reproductive Efficiency in the Postpartum Dairy Cow?

Production/Metabolic Disease

Hank Wentink, Utrecht - The Effects of Nutrition and Metabolic Disease on Immunity

Respiratory Disease

David Bryson, Belfast - Are We Making Progress in the Control of Bovine Respiratory Disease?

Diseases of the Calf

Sheila McGuirk, Wisconsin - Management of the Neonatal Calf

Herd Security/Emerging Diseases

John Wilesmith, Weybridge - What Can We Learn From Bovine Spongiform Encephalopathy?

Welfare

John Webster, Bristol - The Role of the Bovine Practitioner in Cattle Welfare

VIDEO AND SLIDE SESSION

One lecture theatre has also been set aside to present "self teaching" material such as videos and slide material. This will run continuously throughout the day and be repeated at various times. Delegates can sit in for as much or as little as they like.

POSTER SESSION

There will be a poster session running continuously throughout the conference with set times for presenters to be in attendance at their posters to answer questions or discuss material.

SEMINARS AND WORKSHOPS

There will be an extensive range of seminars, workshops and scientific visits arranged both before and during the congress period.

Calf Diarrhoea	Cattle Lameness
Dairy Herd Health	Beef Herd Health
Calf Pneumonia	Reproduction Scanning
Embryo Transfer	Aids to Diagnosis
Fluid Therapy	Mastitis Control
Cattle Abortion	Computers in Cattle Medicine

"THE EDINBURGH FRINGE"

"Practice tips"

Various trade functions and events

Abstracts for papers and posters

All interested cattle veterinarians and workers are invited to present papers for the conference.

Abstracts of proposed papers should be submitted to the BCVA office by **31st October 1995**

Abstract Instructions

- An accurate summary of the proposed papers
- No more than 300 words in English
- Informative with objectives, method and conclusions clearly stated
- Indicate a preference for oral or poster communication

Authors will then be informed by 31st December on acceptance of an abstract and will be invited to prepare a full article for publication in the proceedings and presentation at the congress as an oral paper or poster.

Speakers will be offered a 10% reduction in the registration fee in recognition of this.

Final papers will be requested by 31st March 1996 along with registration by the author.

Submit to:

The BCVA Office
 The Green
 Frampton - on - Severn
 Glos GL2 7ER
 United Kingdom
 Tel. 1452-740816
 Fax 1452-741117

WHAT HAS "EDINBURGH '96" GOT TO OFFER?

- Single central location in the Edinburgh International Conference Centre.

- A wide range of accommodations from hotels to university halls - all within easy access of the conference centre.
- The Edinburgh University Veterinary (Dick) School and a range of other centres for seminars and practical sessions both before and during the congress period.
- Easy access to Scotland for pre- and post-conference tours.
- A beautiful and historic city to enjoy during the congress.



BCVA President, Colin Whitaker, sends this message: *The British Cattle Veterinary Association has the experience, the confidence and the enthusiasm to make sure that "Edinburgh '96" has something in it for everyone. The aim is to make sure that cattle veterinary science is taken back and put into cattle practice - "Buiatrics in Action".*

TOURS AND VISITS

There is on offer an extensive range of scientific interest and pleasure visits arranged for the congress period including:

Langhill Dairy unit	Vallum Farms - ET techniques
Moredun Research Station	Veterinary Investigation Center
Easter Howgate Beef unit	AI Bull Stud

Editors note: for information on the history of W.A.B. please turn to page 9.

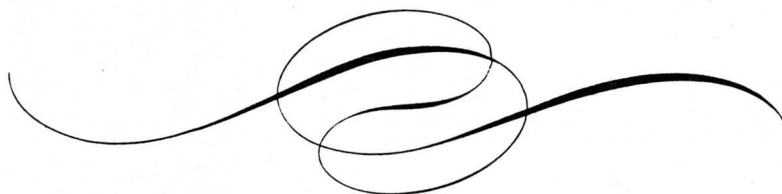
Abstract

Effects of treatment with topical ivermectin three and eight weeks after turn out on nematode control and the performance of second-season beef sucker cattle

S.M. Taylor, P.F. McMullin, T.R. Mallon, A. Kelly and W.T.R. Grimshaw
Veterinary Record (1995) 136, 558-561

Two groups of yearling suckled beef calves born between January and May of the preceding year and another two groups of lighter and slightly younger calves born between the previous March and July were grazed during their second year on four separate paddocks known to be contaminated with infective larvae of gastrointestinal nematodes. One of the heavier and one of the lighter groups were treated with a topical formulation of ivermectin three weeks and eight weeks after

turnout. The treatment of the heavier group had only relatively minor parasitological effects and no effect on weight gains, whereas the treatment of the lighter cattle resulted in increased weight gains due to effective nematode control. The paper highlights that small differences in previous performances, age and exposure to parasites can have a substantial impact on the benefits accrued from anthelmintic treatment.



FUTURE MEETINGS

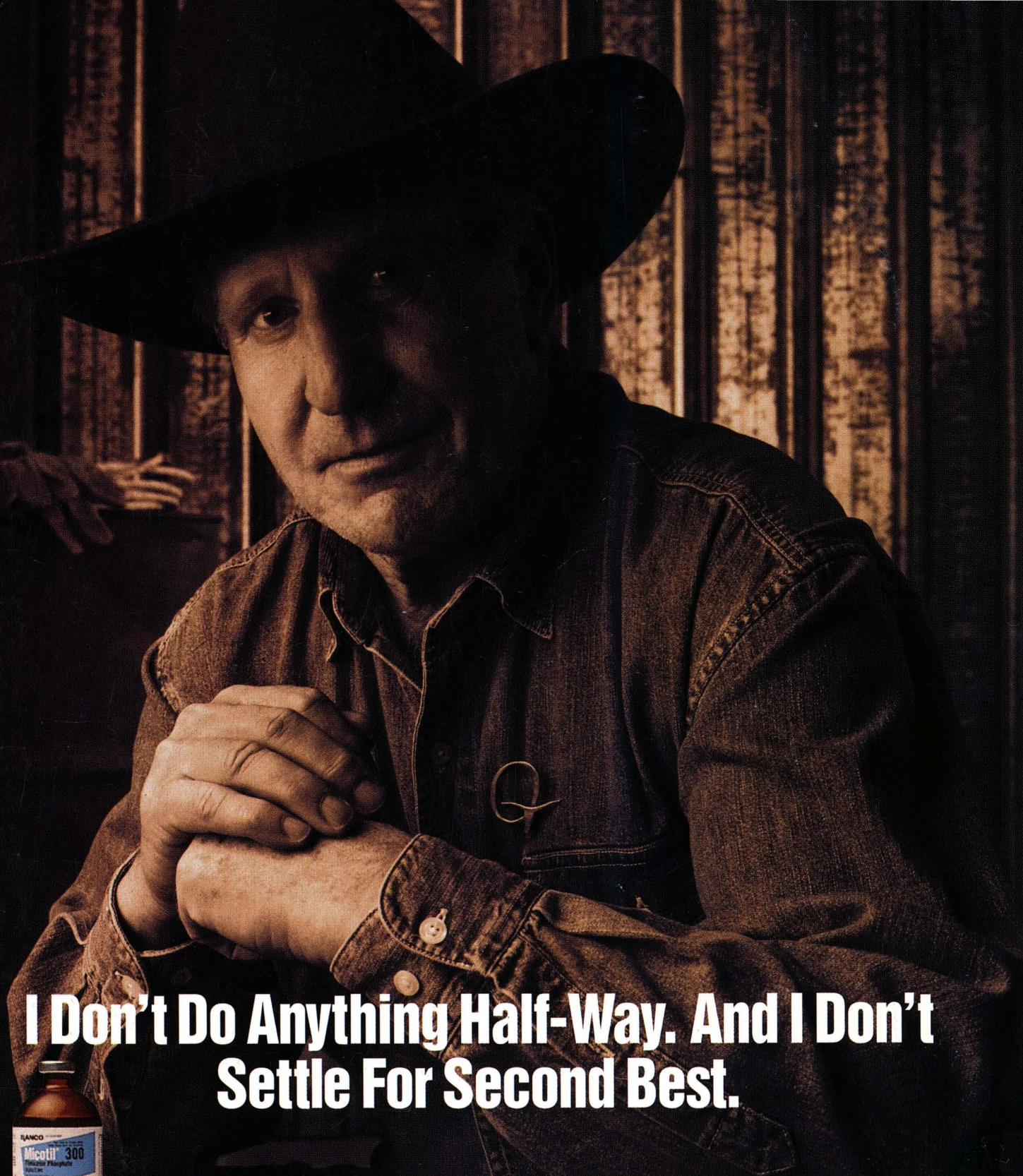
American Association of Bovine Practitioners

1996	San Diego	September	12-15
1997	Montreal	September	18-21
1998	Spokane	September	24-27
1999	Nashville	September	23-26
2000	Rapid City	September	21-24

- NOTES -

- NOTES -

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I Don't Do Anything Half-Way. And I Don't Settle For Second Best.



Tough standards. For the beef he's turning out. And the products you're recommending. But Micotil® 300 can hold its own.

It's the only pneumonia treatment that's approved for subcutaneous administration. Studies show there's no hidden muscle tissue damage when administered properly. Less costly injection site damage. Decreased carcass trim.

Subcutaneous administration meets your clients' production goals. And complies with resolutions set by the NCA. Just another good reason more veterinarians are prescribing Micotil 300.



It's time.