

Twenty-Ninth Annual Conference

of the

American Association of Bovine Practitioners
San Diego, California, September 12 - 15, 1996

The Program

On behalf of the Program Planning Committee, I am pleased to present the program for the 1996 AABP conference. As you will see looking through the following pages, the Program Committee has been busy assembling one of the best continuing education events you'll find in 1996.

Thanks to Dr. Jim Sears, we are offering more seminars than ever before. Many are old favorites, but there are some exciting new opportunities as well.

AABP committees such as Reproduction and Animal Welfare worked with the Program Committee to develop sessions on some timely issues. After choosing among the general and split sessions, research summaries and practice tips, we're confident you will leave the meeting with the kind of information you need to better serve your clients.

Computer-addicts among you, take note. The Information Management committee will be introducing the AABP Home Page! They are also devoting considerable effort to help us learn about the internet, World Wide Web and e-mail. The AABP Annual conference is a great place to improve your computer skills.

We haven't forgotten that some of you come to the AABP meeting hoping to find a few minutes to relax. San Diego is a beautiful city and there are lots to see and do. I hope you'll take advantage of the tours arranged by our Local Arrangements Committee. Don't miss the Saturday night social events at the San Diego Zoo.

Please take a few minutes to look through this program. Then fill in the registration form and plan to join us in San Diego. You won't regret it.

Deborah Stark
Program Chair

1996 Program Committee

Program Chairman Deborah Stark
Seminar Coordinator Jim Sears
General Sessions Coordinator Patty Scharko
Dairy Sessions Coordinator Karen Jacobsen
Cow/Calf Sessions Coordinator Peter DeNooy
Feedlot Sessions Coordinator Rodney Oliphant
Practice Tips Coordinator Meg Cattell
Research Summaries Coordinator Phillip Jardon
Local Arrangements Coordinator Gary Daley
Exhibits Manager Sam Hutchins
Continuing Education Liaison Kathy Gloyd

An Invitation to San Diego

We would like to extend to you a special invitation to attend the AABP's Twenty-Ninth Annual Conference in San Diego.

From the festive color of Old Mexico at her southern border, along nearly 70 miles of sandy shoreline to the wideopen spaces of her North County and the nearby mountains, San Diego is both metropolitan and resort-like, thus creating her unending appeal as an ideal meeting site for our annual convention.

Surrounding one of California's greatest natural harbors, San Diego's beauty and temperate year-round climate (with an average temperature of 70 degrees) makes her a mecca for an incredible array of recreational opportunities.

Variety is perhaps this city's greatest attraction, offering almost endless leisure activities. Lovers of wildlife will be drawn to the rare collection of exotic species at the world-famous San Diego Zoo, the authentic African and Asian settings of the Wild Animal Park or the fun-filled Sea World at the Mission Bay Aquatic Park.

For the avid shoppers, trips to the Gaslamp Quarter, Horton Plaza and La Jolla are exciting destinations. And, of course, a real shopper will not want to miss the opportunity to find the real bargain in Tijuana.

If your idea of relaxation includes a boat ride and some fishing, then some deep sea fishing may be just the way you want to spend your day. Make sure you bring the sun screen. Perhaps a round of golf is more to your liking. Enjoy a day on the greens in Coronado.

San Diego's diverse cultural roots are distinctly evident in Old Town, with an ambiance of Old Mexico, Spanish architecture, and native American influences, dining, shopping and sightseeing can be an historical adventure. Old Town is only two minutes from the Town and Country Hotel.

The Town and Country Hotel and Convention Center located in San Diego's Mission Valley is minutes away from many of the famous sites and attractions. It features 1,000 guest rooms, over 32 lushly landscaped acres, and four swimming pools. Four restaurants provide diverse dining experiences. Shopping is only a short walk away.

The convention will conclude Saturday with an "Evening at the San Diego Zoo." San Diego offers sun, fun and exceptional continuing educational opportunity. **Make plans to bring your family and join us in San Diego. See you there!**

Gary Daley
Local Arrangements Coordinator

President's Welcome

Welcome to San Diego! Travel with the AABP to the west coast, a singularly beautiful part of the country. Dr. Deb Stark and the 1996 Program Committee have put together a program that blends what has been successful in the past with what is innovative and leading-edge for the future. I would like to commend them for putting together a program which is sure to meet or exceed your expectations.

Committee involvement with the planning process has significantly enhanced the program this year. Access to and use of the World Wide Web will be the subject of numerous seminars and Computer Software Practice Tips. Come and see how the AABP and its members interact with the information superhighway.

The local arrangements coordinator, Dr. Gary Daley, has secured the San Diego Zoo for our social event. This event will prove a fitting way to end the 1996 meeting as there are to be no sessions on Sunday. Remember, however, that the first General Session starts Thursday, September 12, at 1:00 p.m. I think you will find this small change in the meeting format to be to your liking.

Come and meet with us in San Diego. I assure you that the meeting content, the convention and housing facilities, and the setting will combine to make this a memorable meeting. **The weather will be beautiful and the meeting content will demonstrate that the 29th AABP Annual conference is the "Best of the Best" for bovine continuing education. See you there!**

Gatz Riddell, Jr.

Registration Location: Mission Foyer

Monday, September 9	7:00 a.m. - 5:00 p.m.
Tuesday, September 10	7:00 a.m. - 5:00 p.m.
Wednesday, September 11	7:00 a.m. - 5:00 p.m.
Thursday, September 12	7:00 a.m. - 5:00 p.m.
Friday, September 13	7:00 a.m. - 5:00 p.m.
Saturday, September 14	9:00 a.m. - 5:00 p.m.

Keynote Speaker Address

Dennis Avery

(Dennis Avery is Sponsored by a grant from Roche Animal Nutrition and Health.)

Dennis T. Avery is a senior fellow of Hudson Institute and the director of Hudson's Center for Global Foods Issues. Mr. Avery is a recognized expert on international agriculture who specializes in studying the ways in which technology and national farm policies interact to affect farm output.

Mr. Avery grew up on a Michigan dairy farm and studied agricultural economics at Michigan State University and the University of Wisconsin. He holds awards for outstanding performance from three different government agencies and was awarded the National Intelligence Medal of Achievement in 1983.

Mr. Avery served for nearly a decade (1980-88) as the senior agricultural analyst for the U.S. Department of State, where he was responsible for assessing the foreign-policy implications of food and farming developments worldwide.

Mr. Avery joined Hudson Institute in September 1989. At Hudson, he monitors developments in world food production, farm product demand, the safety and security of food supplies, and the sustainability of world agriculture. He is the author of Hudson's well-received book *Global Food Progress 1991*, which provided an overview of the state of the world's ability to feed itself and responded to the myths about impending global starvation.

His op-eds and articles have appeared in *The Wall Street Journal*, *The Sun* (Baltimore), *The Washington Times*, *The Detroit News*, and other publications. He is frequently quoted in publications such as *The New York Times*, *The Christian Science Monitor*, *Newsweek*, *Insight*, and *Successful Farming*.

Following is an excerpt from one of Mr. Avery's publications: *The key to feeding a growing population without harming wildlife habitats is research in high-yielding farm techniques and biotechnology. The problem with organic farming is that it uses more land for farming than it preserves from chemicals. We can save biodiversity through biotechnology, and we will almost certainly decrease biodiversity if we refrain from using the technology already available.*

Special thanks to the following for their generous financial support:

Bayer Animal Health
Boehringer Ingelheim
Elanco Animal Health, Inc.

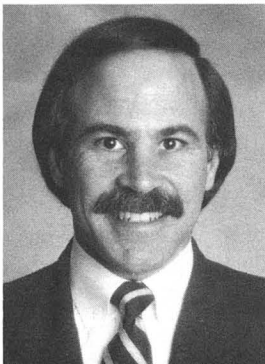
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The Upjohn Company

An Evening at the SAN DIEGO ZOO

Welcome to the world famous San Diego Zoo! Among its 100 acres and 5,000 species of exotic plants covering the expanse of the park, you will find the world's rarest collection of animals. There are cuddly Koalas, brilliant Peacocks, and don't miss "Tiger River" a three acre tropical rain forest zone featuring tigers, tapirs, crocodiles and more. Of course there are the ever-popular lions, elephants, giraffes and other animal denizens from around the world all exhibited in barless, moated enclosures resembling the animals' natural habitat. Tonight, enjoy cocktails during a private "Animal Pals" Presentation at the San Diego Zoo's newest group event facility, Treetops. During this informal "chit chat", guests get a chance to meet some of the Zoo's natives up close and personal while trainers are on hand to answer questions. Then, relax to a gourmet dinner as the day's last rays of sun disappear over the horizon. From this panoramic venue, overlooking the San Diego Zoo, you will enjoy a night to remember.

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



Dr. Roger L. Saltman, Cazenovia, New York is the new AABP Treasurer (elected in 1995).

Dr. Saltman grew up in Downey, California. He attended Princeton University from 1967 until 1971 when he received the AB degree in Pre-Med, Sociology and Near Eastern Studies. In 1979, Dr. Saltman was involved in an

Aquavet Program at Marine Biological Institute, Woods Hole, MA. He was a self employed farmer in Prattsburgh, NY from 1973 to 1977.

Dr. Saltman received the DVM degree from Cornell University in 1981 and entered an Externship in Food Animal Medicine and Reproduction at the University of California, Davis Veterinary School. He joined the Homer Animal Clinic, New York in 1981 where he was engaged in a mixed practice with special interest in mastitis prevention and bovine reproduction.

From July, 1983 until October, 1987 he practiced at the Cazenovia Animal Hospital, New York - a mixed practice with emphasis on dairy cattle medicine and production management. He prepared and presented evening client

Meeting Site

All scientific sessions, seminars, exhibits, posters and other scheduled activities will be held at the Town and Country Hotel Convention Center, 500 Hotel Circle North.

Exhibits

The commercial and educational exhibits will be located in the Atlas Ballroom and the Mission Ballroom of the Town and Country Hotel and Convention Center, San Diego, California. These exhibits provide the bovine veterinarian an opportunity to interact with providers of biologicals, pharmaceuticals, equipment and services.

Exhibit Hours

Thursday, September 12	4:00 p.m. - 7:00 p.m.
Friday, September 13	9:00 a.m. - 5:00 p.m.
Saturday, September 14	8:30 a.m. - 1:30 p.m.

Registration

Location: Mission Foyer

Monday, September 9	7:00 a.m. - 5:00 p.m.
Tuesday, September 10	7:00 a.m. - 5:00 p.m.
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education seminars.

In October, 1987 he became Technical Manager, American Cyanamid Company, Animal Health and Nutrition Division at Wayne, NJ. He was the Principal Investigator for GLP Bovine Somatotropin trials in New York and wrote a Technical Manual for Bovine Somatotropin. He was later involved in the development, marketing and quality improvement of American Cyanamid products. In 1994 he received the "Golden A" Award.

When the business was sold to Roche in 1995 he became Senior Technical Services Manager, Roche Animal Health and Nutrition at Paramus, NJ. He was specifically involved with Cattle and Swine Business Management.

Dr. Saltman has presented numerous papers in national and international meetings and published many articles.

Dr. Saltman received the Cornell University Award in 1977, the Jacob Traum Award (Microbiology) in 1981 and named one of the Two Thousand Notable American Men in 1992. He is chairman of the AABP Information Management Committee and is currently President, Executive Board of NYS College of Veterinary Medicine Alumni Association. Dr. Saltman is a member of AVMA, American Dairy Science Association, National Mastitis Council and American Association of Industrial Veterinarians.

Dr. Saltman and his wife, Anne, have three children - Joshua, 14; Adam, 12; and Jonathan, 6. His hobbies are computers, snow skiing, sailing, baseball card collecting and gardening.

STUDENT RECEPTION

Thursday, September 12
9:30 p.m. - 11:00 p.m.
Location: Tiki Hut

For the second year, the Board of Directors would like to host a reception for all student AABP members present at this annual conference.

"MEET THE PROFESSOR" LUNCHEONS

Friday, September 13
Saturday, September 14
12:10 p.m. 1:20 p.m.
Fee: \$20.00 per luncheon

This was a new item at the 1995 conference. It proved so successful, we are repeating it in 1996. These sessions are planned to provide the opportunity for interaction between the speaker and a limited group of registrants. The professor will present a short informal overview intended to promote discussion and interaction. The additional registration fee is charged to cover the cost of the luncheon. There is limited attendance (30 per session).

Friday, September 13

1. **Garrett Oetzel** - Dry Cow Nutrition
Location: Dover
2. **Jerry Olson** - Treatment of Metritis/Endometritis
Location: Stratford

Saturday, September 14

1. **Tom Fuhrmann** - Calf Management
Location: Dover
2. **Mike Apley** - Treatment of BRD
Location: Stratford

Limited to 30 per session (Pre-registered Only). Please indicate your luncheon selection(s) on the registration form (a 1st and 2nd choice) by the corresponding topic number.

MILK / REFRESHMENT BREAKS
throughout the entire meeting
provided by
Protiva, a unit of Monsanto Company

PRACTICE TIPS

Friday, September 13
7:00 p.m. - 9:00 p.m.
Location: Golden West/California
Moderator: Arden Nelson

- 7:00-7:12 An assessment of the test characteristics of the Azostix test strip in measuring milk urea nitrogen and implications for field use - **Sandra Godden**
- 7:12-7:24 Monitoring Dairy Herds for Subclinical Ketosis - **Todd Duffield**
- 7:24-7:36 Reports, Retained Placentas, Rumen Fiber, and a Revisit to Ohio's Holy Land - **Mark Hardesty**
- 7:36-7:48 Practical Anesthesia for Calf Dehorning - **Greg Schuller**
- 7:48-8:00 The Rationale of Mass Treatment of Gram Negative Scours in Large Calf Ranches - **Tom Worthington**
- 8:00-8:12 Tennessee Tidbits VII - **Hugh McCampbell**
- 8:12-8:24 Practical Do's and Don'ts of Estrus Synchronization - **Colin Campbell**
- 8:24-8:36 Tips for Toggles - **Keith Sterner**
- 8:36-8:48 Quarters Add Up to Dollars and Dairy Barbecue Part II - **Andy Johnson**
- 8:48-9:00 Cow Improvements Tool Time - **Chuck Guard and Keith Sterner**

RESEARCH SUMMARIES

Beef and General Research Summaries

Thursday, September 12
1:00 p.m. - 4:30 p.m.
Moderator: Don Hansen
Location: Padre/Sierra

- 1:00 p.m. Genetic-based infectious disease resistance as a new health management strategy - **L. Gary Adams**
- 1:18 p.m. The effect of modified live BVDV vaccination during the third trimester of pregnancy in beef cows - **Sherrill A. Fleming**
- 1:36 p.m. Evaluation of type II killed BVD vaccine in the face of type II BVD challenge - **Donna M. Gatewood**
- 1:54 p.m. Persistent IBR infections in the bovine lymphoid system: implications for vaccination and control - **Chris Chase**

- 2:12 p.m. The effect of 7-way clostridial booster vaccination at reimplant on subsequent sudden death syndrome mortality rates at a Nebraska feedyard - **Brad De Groot**
- 2:30 p.m. Milk/Refreshment Break
- 3:00 p.m. Association between development of serum antibody against bluetongue virus and productivity in beef cattle - **Barton W. Rohrbach**
- 3:18 p.m. The efficacy of systemic and oral oxytetracycline for control of a herd outbreak of infectious bovine keratoconjunctivitis - **Tom G. Eastman**
- 3:36 p.m. Determination of the nutritional requirement of the calf's gut - **Germain Nappert**
- 3:54 p.m. Dectomax Discovery: A review of the scientific approach to long duration endectocide activity - **Robert S. Reu**
- 4:12 p.m. Equivalent, persistent activity of Ivermectin, Abamectin, Doramectin, and Moxidectin in cattle - **William G. Ryan**

- 10:36 a.m. Jenny Lynn Flow Simulator - **David A. Reid**
- 10:54 a.m. Physiologic parameters to predict milk yield following clinical mastitis in dairy cattle - **Dale A. Moore**
- 11:12 a.m. A placebo-controlled trial of an *E. coli* J-5 bacterin and the ribotyping-base assessment of coliform bacteria diversity on a dairy farm - **Ruben N. Gonzalez**
- 11:30a.m. Cellular and humoral immune responses of calves vaccinated with novel Salmonella dublin/typhimurium vaccines - **David VanMetre**

POSTER SESSION # 1

September 12 and 13

2:30 p.m. Thursday to 1:30 p.m. Friday

The Poster Sessions are next to the educational exhibits in the exhibit hall and are available for viewing during exhibit hours.

1. **Kevin O'Connell** - The development and testing of a vaccine for prevention of infectious bovine keratoconjunctivitis.
2. **Donna M. Gatewood** - Evaluation of type II killed BVD vaccine in the face of type II BVD challenge.
3. **Donna M. Gatewood** - Evaluation of IBR vaccine virus shedding after parenteral administration of suckling calves.
4. **A. Mamdouh Osman** - Effect of certain antibiotics on the bacterial load and fertility of cattle and buffalo semen.
5. **Scott B. Laudert** - Comparative efficacy studies: Tilmicosin vs long-acting oxytetracycline or ceftiofur for treatment of BRD in newly received calves.
6. **Bob Compton** - Antibodies vs. vaccination: The conflict pre- and post vaccinal evaluation of antibody titers.
7. **Harold Jody Wade** - Autogenous vaccines in the prevention of mastitis.
8. **Chris C. L. Chase** - Cellular and humoral response following challenge with IBR, BRSV, and BVDV in cattle vaccinated with inactivated virus vaccine.
9. **Jay Samudralwar** - A novel diagnostic ready reckoner for the animal disease diagnosticians, practitioners and pathologists.

DAIRY AND GENERAL RESEARCH SUMMARIES

Friday, September 13

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

Moderator: **Don Hansen**

Location: **Padre/Sierra**

- 8:00 a.m. Case-control study of papillomatous digital dermatitis in Southern California Dairies - **Alfonso Rodriguez-Lainz**
- 8:18 a.m. Impact of preventive hoof care on dairy heifer performance - **Patty Scharko**
- 8:36 p.m. The efficacy of a monensin controlled release capsule for the prevention of subclinical ketosis in lactating dairy cattle - **Todd Duffield**
- 8:54 p.m. Preliminary results from a study evaluating the test characteristics of a milk urea nitrogen assay and the influence of factors related to sample collection and handling - **Sandra Godden**
- 9:12 a.m. Addition of potassium or sodium, but not calcium, to prepartum rations induces milk fever in dairy cows. - **Jesse P. Goff**
- 9:30 a.m. An epidemiologic study evaluating therapies for bovine mastitis - **Bill Sischo**
- 9:48 a.m. Milk/Refreshment Break
- 10:18 a.m. Segregation or use of separate milking units for *Staphylococcus aureus*-infected dairy cows - **Dave Wilson**

10. John C. Haupt - Concentrated bovine serum globulin protein as a colostrum replacement/supplement.

11. Jerre L. Johnson - Comparison of dam and neonatal trace mineral levels in Nebraska sandhills beef cattle.

12. Lorin D. Warnick - Case-control study of clinical salmonellosis in cattle herds.

13. Sonia Vazquez Flores - Effects of a select direct-fed microbial gel supplemented with different levels of vitamin E in neonatal holstein calves.

POSTER SESSION # 2

September 13 and 14

2:30 p.m. Friday to 1:30 p.m. Saturday

The Poster Sessions are next to the educational exhibits in the exhibit hall and are available for viewing during exhibit hours.

1. L. L. Smith - A summary of four studies evaluating dormectin compared to ivermectin for gastrointestinal parasite control in grazing stocker beef cattle including effects on weight gain.

2. Ed Johnson - Comparative performance of feedlot cattle with nematode and trematode infections treated with doramectin or ivermectin/clorsulon injectable solutions.

3. La Verne Schugel - The effect of complex trace minerals on cow-calf mineral status and performance.

4. Steve Berry - Footwart spray trial

5. Bill Sischo - A national project to implement TQM on dairy farms.

6. Dale A. Moore - Vaccination and biosecurity practices of Pennsylvania dairy producers.

7. David A. Reid - Jenny Lynn flow simulator.

8. Jeffery M. Musser - Potential of milk residues and pharmacokinetic values of ketoprofen following a single intravenous bolus injection.

9. James P. Davis - Livestock identification, the benefits of regulatory involvement present and future.

10. Denniss H. Wallace - Persistent activity of ivermectin and abamectin in cattle challenged daily with nematodes.

11. Lloyd Tate - Electronic tag identification utilizing an integrated data collection system.

12. John Jacobsen - Productivity of cattle treated with the Ivomec SR bolus.

13. Brad DeBey - Sarcina ventriculi associated abomasal bloat in calves.

COMPUTER PRACTICE TIPS

Fee: Free to all registrants
Location: Del Mar/Helix
Date: Thursday, September 12
Time: 1:00 p.m. - 5:00 p.m.
Coordinator: Meg Cattell, D.V.M.

1:00 **Jim Ehrlich** - AABP-L and Basic E-mail
1:30 **Jim Ehrlich** - Options in Internet Software and Services
2:00 **Mark Varner** - Web Access Options
2:30 **Dee Whittier** - Home Pages of Internet to Bovine Practitioners
3:00 **Reilly Glore** - AABP Home Page Grand Unveiling
3:30 **Gale DeJong** - Software Library Introduction and Update
4:00 **Steve Eicker** - Introduction to the Web Browsing Open Room
4:30 Web Browsing until 7:00 p.m.

AABP SOFTWARE LIBRARY

The AABP library of freely-copiable software programs will be available to members all day, Saturday, September 14. 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. Software contributions are continually sought.

Fee: free browsing to all registrants
Location: Del Mar/Helix
Date: Saturday, September 14
Time: 9:00 a.m. - 5:00 p.m.
Coordinator: Gale DeJong, D.V.M.
Phone: 360-354-5095
Fax: 360-354-3740

SEMINARS

Sem. #	Title	Coord.
1	Quality Milk Production	Dahl
2	Dairy Herd Evaluation A	Fetrow
3	Microcomputer Aided Approach Providing a Financial Analysis Service as Part of a Production Medicine Program	Saltman
4	Barnyard Epidemiology	Kinsel
5	Cow-Calf Enterprise Analysis	Hamilton
6	Cost-Effective Feedlot Consult.	Griffin
7	Mineral Nutrition for Beef Cow/Calf Operations	Wikse
8	Total Quality Management for Dairy Herds	Sischo
9	Managing Dairy Herd Repro. Performance	Britt
10A	Embryo Transfer Techniques	Rowe
10B	Freezing/Thawing Embryos	Wright
11	Advanced Embryo Transfer	Robertson
12	Introduction to Computerized Cow/Calf Herd Mgt. Systems	Denoooy
13	Young Dairy Calf Mgt.	Cortese
14	Applied Dairy Nutrition and Problem Solving	Hutjens
15	Advanced Dairy Nutrition	Ferguson
16	Dry Cow Nutrition	Jardon
17	Carbohydrate Metabolism in Dairy Cattle	Nocek
18	Grazing Mgt. for Dairy Herds	Gerloff
19	E-mail Start-up	Ehrlich
20	Exploring the Internet	Ehrlich
21	People, Purpose and Profit- the Keys to a Successful Food Animal Practice	Kearley
22	Johne's Disease	Whitlock
23	Managing Issues & Opportunities	Wilkinson
24	Dairy Production and Health Management Economics	Lloyd
25	Recycling Nutrients From Animal Wastes Through Cattle Production Systems	Rogers
26	Student Seminar	Nelson

EXHIBITS

Location: Atlas Ballroom and Mission Ballroom

The twin exhibit halls will provide the veterinarian with an excellent opportunity to meet with providers of biologicals, pharmaceuticals, equipment and services applicable to cattle practice. The "Guide to the Exhibits" will feature the telephone and fax numbers of exhibitors for your convenience after the convention.

Exhibits are adjacent to the lecture halls and will have food service areas open during milk/refreshment breaks and luncheons.

The Opening Evening reception will be held in the twin exhibit halls. This mixer/buffet will last from 5:00 p.m. until 7:00 p.m. on Thursday, September 12. The activity brings veterinarians, sponsors, guests and exhibitors together for a light meal and camaraderie before the opening ceremonies.

A coupon worth \$2.00 towards the price of a beverage and sandwich will be given to each registered veterinarian for use during the Friday and Saturday luncheon breaks.

Exhibit Hours

Thursday, September 12	4:00 p.m. - 7:00 p.m.
Friday, September 13	9:00 a.m. - 5:00 p.m.
Saturday, September 14	8:30 a.m. - 1:30 p.m.

-BOVINE GIVE-A-WAY-

Six practitioners can win \$100.00 each by visiting the exhibit area. Bring business cards to deposit in milk cartons at each exhibit booth. Winners will be announced at the AABP registration area on Saturday afternoon, September 16. All veterinarians registered at the meeting are eligible.



TOURS

"Gaslamp District Walking Tour with Afternoon Tea"

Wednesday, September 11

9:00 a.m. - 1:00 p.m.

\$43.50 per person

The Gaslamp District provides a unique experience for its visitors; whether browsing through quaint antique shops, trendy art galleries or modern shopping malls everyone is enriched by the architectural and historical background of this vastly diverse city. We will then stop at the beautiful Horton Grand Hotel where you will enjoy afternoon Tea.

"Harbor Excursion and City Tour"

Wednesday, September 11

1:45 p.m. - 5:45 p.m.

\$23.00 per person

We will embark on an exciting one hour boat tour of one of the World's greatest natural harbors. On land, we will visit the site of the first upper California Mission in Old Town, where San Diego began more than 200 years ago. Then on through Balboa Park we go and finally we will visit San Diego's bustling center city with its financial districts and Gaslamp Quarter.

"Public Deep Sea Fishing"

Wednesday, September 11

5:30 a.m. - 11:30 a.m.

\$66.00 per person

There is great fishing all year round in the kelp beds just off the coast of Point Loma and La Jolla. There for the catching are Barracuda, Halibut, Calico Bass, Kelp Bass and other varieties of ocean game fish. So, sit back and relax in the luxury of this day.

"A Day on the Greens in Coronado"

Wednesday, September 11

11:30 a.m. - 6:00 p.m.

\$66.00 per person

San Diego with its perfect year around weather is a golfer's paradise. Today you will be enjoying a round of golf in Coronado. This town has become one of the great playgrounds of the world, drawing all kinds to its shores. The course is located in a small inlet on the island of Coronado, which offers excellent play and lush surroundings.

"Tijuana Shopping with Lunch"

Thursday, September 12

9:00 a.m. - 2:30 p.m.

\$36.00 per person

Bienvenidos Amigos! Welcome to Mexico! Tijuana is a showcase in fascinating contrasts - with sleek, new shopping plazas settled comfortably among the quaint side streets of "Old Mexico." A Mexican lunch will be served in an elegant old hacienda, together with a Margarita cocktail!

"San Diego, City of Sun and Water"

Thursday, September 12

9:00 a.m. - 1:00 p.m.

\$20.00 per person

Your San Diego Scenes Tour explores many colorful facets of this "Harbor of the Sun" We'll point out the stately white arches of the Serra Historical Museum, the streets of historical Old Town, Cabrillo National Monument, Balboa Park, Gaslamp Quarter and the Embarcadero. Then, get ready to cast off as we embark on an exciting one hour boat tour of one of the World's greatest natural harbors.

"A Day in Historic San Diego"

Friday, September 13

9:00 a.m. - 1:00 p.m.

\$19.00 per person

San Diego del Alcalá, the first of the great California Missions, marks the birthplace of Christianity in the far West. Today, the Mission serves as an active parish church and cultural center for visitors of all faiths. Then discover Old Town where California's history began. Time has been allotted for you to stroll the popular Mexican marketplace - the Bazaar del Mundo. Here you will find 17 distinctive and international shops brimming with treasures, pleasures and wearable art!

"Shopping in La Jolla with Lunch"

Friday, September 13

9:30 a.m. - 2:30 p.m.

\$37.00 per person

Today you visit unique and beautiful La Jolla, the "Jewel of the Pacific". The shopping in La Jolla is famous the world over. You'll find art galleries, antique dealers, continental boutiques and speciality stores. Then stop at George's at the Cove, located in the center of La Jolla. Its view of the Pacific is sparkling and its California cuisine delicious.

"Behind the Scenes at Sea World"

Friday, September 13

10:00 a.m. - 4:00 p.m.

\$68.00 per adult / \$59.00 per child

This wet and wild wonderland is the second most popular attraction in California. Today, you will visit areas for "authorized personnel only" as your Sea World guide takes you behind-the-scenes to see how the many animals at Sea World are cared for. Guests will also receive a personalized show schedule to help them make the most of their visit and enjoy reserved seating at one of our Shamu shows. Some options to see are, the Avian Propagation Center, the Shark Laboratory Learning Center, the Animal Care Facility or Backstage at Dolphin or Shamu Stadium. You will have time to roam the park on your own and enjoy lunch at one of Sea World's dining facilities.

"Reuben H. Fleet Space Theatre & Science Center"

Saturday, September 14

9:00 a.m. - 1:00 p.m.

\$24.00 per person

Visit the Reuben H. Fleet Space Theatre where you can experience the sensation of space travel through the use of a tilted dome theater. Omnimax films are projected through a fish-eye lens onto the tilted 76' dome, creating unprecedented realism. The Science Center is an important part of the total Space Theatre experience. Filled with over 50 participatory exhibits, it is designed to stimulate interest in scientific principles by providing an interactive, "please touch" approach to learning.

"Behind the Scenes Tour at the Wild Animal Park"

Saturday, September 14

9:30 a.m. - 3:30 p.m.

\$41.00 per adult / \$33.00 per child

It's only 30 miles north of San Diego, but you'll swear you're on another continent when you join us for a safari to the San Diego Wild Animal Park! Today go behind the scenes on a two and one-half hour private tour of the 17-acre Nairobi Village, an up-close encounter with an exotic animal and a chat with its trainer, hand-on activities and the five mile guided safari aboard the Wgasa Bush Line Monorail. Afterwards enjoy the singing parrots and free-flying birds of prey perform at the Bird Show. There's plenty of see and do during a day you'll never forget.