AABP Officers President



Dr. Dick Wallace is the 2008-2009 President of the American Association of Bovine Practitioners. He is currently the Dairy Extension Veterinarian with the Office of Public Engagement at the College of Veterinary Medicine, University of Illinois. He attended The Ohio State University from 1976 through 1985 and received dual Bachelors degrees in Wildlife Zoology from the College of Arts and Science (1980) and Dairy Science from the College of Agriculture (1981).

After graduation Dr. Wallace started his own mixed animal practice in Centerburg, Ohio (Knox County). Desiring more work with dairy cattle, he sold the practice in 1987 and joined a three person dairy practice in Door County, Wisconsin. In September 1993, Dr. Wallace returned to his alma mater to obtain a Master degree in Veterinary Preventive Medicine. While performing duties as OSU's first Food Animal Production Medicine Resident, he completed a project evaluating the epidemiology of *Staphylococcus aureus* mastitis in dairy cows.

In addition to his extension responsibilities, Dr. Wallace is an Associate Professor in the Community Health and Preventive Medicine Section of the Department of Veterinary Clinical Medicine. He teaches the Dairy Herd Health Management course and the dairy portion of Problems in Large Animal Nutrition. He also coordinates the fourth year Dairy Production Medicine rotation. Dr. Wallace serves on the Institutional Animal Care and Use Committee and is the dairy species veterinarian in the Agricultural Animal Care and Use Program. Current areas of research interest include dairy cattle health and well-

being, milk quality and mastitis control, and cow behavior as it affects health and productivity. In a cooperative role with the Department of Animal Sciences, Dr. Wallace also serves as the faculty coordinator for the university dairy farm.

Dick and Carrie Wallace have been married 27 years and have three children. Sarah is a senior and Katherine is a sophomore at the University of Illinois. Both girls are majoring in Speech Communications. Their son Ben is a senior in high school and will be attending Illinois State University in the fall, majoring in business administration.

Welcome to the Bovine Practitioner:

Every year, we elect a new executive officer to lead our organization. I was honored to be elected Vice President in 2006 and coordinate the preconference seminars at the Vancouver meeting in 2007. Matriculating to the President Elect position allowed me to work with a tremendous program committee and help organize the Charlotte annual meeting in 2008. Cattle well-being was a major theme for this meeting. When Mike Bolton handed me the gavel after the annual business meeting, the real work began. Being the President of the greatest bovine veterinary medical organization in the world has been a privilege that I will never forget. Again, it has been an honor to serve you, the members of the AABP.

The food animal industries and animal agriculture in general are facing tough challenges as generations of consumers have less and less contact with the origins of their food. This in turn has a great impact on our profession as we work through delicate situations with our clients. As professionals, we are regarded as one of the most trustworthy sources of accurate information. To that end, I emplore all AABP members to get involved in local, state and national issues that relate to animal health and well-being. When contemporary veterinary issues are not resolved the manner we would prefer, often we (food animal veterinarians) could be the first to blame. If we are not "at the table" when issues are first presented, we cannot provide the food animal veterinary practitioner perspective needed for our concerns to be considered. Lately, it seems we have had to react to situations imposed upon us, rather than address our issues early in the process. To be sure, certain situations arise that do not always allow us to be proactive and the only approach is to be reactive. Become involved with one of the AABP committees. Your voices are needed.

I urge all to take some time to begin or improve a mentoring experience. Many AABP members participated in the Academy of Rural Veterinarian's survey. The results of the survey will be published soon, but I have had the opportunity to attend two different presentations by two of the authors (Aurora Villarroel at AABP and Grant Dewell at AVC). One take-home message I heard loud and clear was that new graduates want and need more mentoring. They want responsibility with support, but support without being smothered. They want more than just assistance with difficult or unusual cases; they want unfailing support when interacting with staff and clients. Build their confidence by providing positive feedback. They do not want to embarrass the practice or want you to make excuses for them. Find positive ways to coach them through their failures. Communication is the key. Without consistent and regular feedback, doors shut and walls are built. The most heartening aspect of mentoring is seeing your protégés succeed.

Collaboration is the task of working together with others to accomplish a greater goal than what could be accomplished alone. Recently, the AABP has engaged in several key collaborations that will greatly benefit nearly all members in numerous ways. The FDA's prohibition on extra-label use of cephalosporins in food producing animals is the most notable. Preservation of antibiotic efficacy in human medicine is a laudable goal, but the relative risk of losing that efficacy from extra-label use of cephalosporins in food animals does not have scientific backing. Through the collaborative efforts of four AABP committees, key AABP members and your Board of Directors. the AABP along with many other organizations provided responses to the proposed ban. With the tough economic times, federal spending and release of funds for programs like the Food Animal Residue Avoidance Databank (FARAD) has been delayed, postponed or possibly eliminated. In December, the USDA and FDA found some emergency funding to keep FARAD operational, but the funds would not be available until late Spring 2009. Along with the AVMA, AASRP and several other allied groups, the Board of Directors have approved bridge funding to tide FARAD over until the federal emergency funding can be released. I am rewarded each day, knowing that AABP continues to be a leader within the cooperative efforts of the allied veterinary organizations. Working together we can accomplish greater goals than working alone.

Some of you that know me well are aware of my penchant for new technology. Stay tuned for new and cutting edge member services. The Distance Continuing Education Committee has been working diligently to begin delivery of many new programs for members. Look for the annual meeting sessions to be captured and offered as CE opportunities for those that could not attend. We are working with some preconference seminar coordinators to capture their knowledge and deliver those programs via the internet. As we move into the digital world, the AABP is not too far behind.

As the global economy has struggled, your association is thriving. I truly appreciate the opportunity to represent bovine practitioners from around the world. I hope to see many of you in September at the Omaha annual convention.

Dick Wallace

AABP Vice-President



Dr. Christine Navarre received her DVM from Louisiana State University in 1990. Following graduation, she worked in a private mixed animal (primarily dairy cattle) practice in Sulphur Springs, TX before going to Texas A & M for a large animal internal medicine residency and Master's degree. Dr. Navarre joined the Food Animal Section at the Auburn University College of Veterinary Medicine Teaching Hospital where she spent 11 years providing clinical service and teaching of food animal medicine and surgery. Dr. Navarre is currently Extension Veterinarian with the Louisiana State University Agricultural Center. She serves the State of Louisiana by providing continuing education and herd disease investigation services to livestock producers, extension agents and veterinarians. She and her family raise Simmental and Angus cattle and are very active in 4-H livestock programs. Her extended family is involved with the beef, dairy and farming industries.

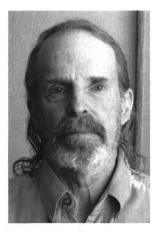
Dr. Navarre has spent much of her career teaching veterinary students, and was honored to receive the Norden Distinguished Teaching Award. She continues her student involvement by currently serving as advisor to LSU's student chapters of AABP, AASRP,

the Pre-Vet Club, and as faculty liaison to the Academy of Rural Veterinarians and the Academy of Veterinary Consultants. She teaches in both the veterinary curriculum and the undergraduate animal science curriculum.

She has authored numerous research publications and been very active in continuing education. She has delivered presentations at over 50 state, national and international meetings. She has served on the ACVIM Food Animal CE committee, and currently serves on the Southwest Veterinary Symposium Food Animal CE committee and on the Board of Directors for the North American Veterinary Conference.

Dr. Navarre currently serves on the AABP Lameness Committee and AVMA Food Safety Advisory Committee. She is a member and has served on the Board of Directors of AASRP, and is member of the Academy of Veterinary Consultants, the American Association of Extension Veterinarians, and the American College of Veterinary Internal Medicine. Christine is honored to have been elected Vice-President of AABP, and is looking forward to serving the organization

New Director – District X



Dr. Steve Smalley graduated from University of Pennsylvania in 1971 and received an MBA from the ASU Executive MBA program in 2002. His career started with a large animal practice in New Hampshire followed by one year in dairy practice in Wisconsin. In 1974 Steve purchased a practice in Arizona working exclusively with dairies in the Southwest. Steve hired and was partners with Tom Fuhrmann for several years in that practice. In September 2002, Steve joined Monsanto Dairy Business as a technical service veterinarian, a position which provided extensive experience and increased awareness of the risks to the future of modern animal agriculture. In September 2007, Steve returned to private practice. As the owner of Dairy Decisions, LLC, Steve is working on people management and employee training, as well as consulting with dairies, industry and veterinarians on operations management, financial decision process and program monitoring. Steve has been an AABP member since graduation and currently serves on the Animal Welfare Committee. Steve is also involved with the National Dairy Animal Well-Being Initiative, serving on the communication and the fund raising committees. He is a former

president of the Academy of Dairy Veterinary Consultants.

Steve has three married children and five grandchildren, all living in Arizona. His significant other is Marjorie Nard, a small animal veterinarian with a mobile holistic practice. Steve hopes to use his experience in both private practice and industry to bring value to his role as the AABP Board of Directors representative for District X.

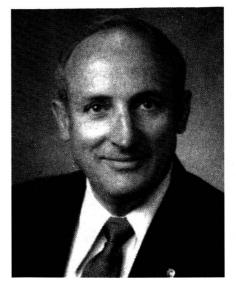
American Association of Bovine Practitioners

LIST OF EXHIBITORS – 2008

The AABP wishes to thank the following exhibitors and contributors for their loyal support of the Charlotte Convention.

AASRP

Abbott Animal Health Academy of Rural Veterinarians Addison Biological Laboratory, Inc. Advanced Animal Diagnostics, Inc. AFACT **Agri-Pro Enterprises** AgriLabs Allflex USA, Inc. ALOKA Ultrasound Alpharma, Inc. Alpine Medical LLC Alta Genetics Inc. American Gelbvieh Association American Veterinary Medical Association APC, Inc. Atlantic Dairy and Forage Institute AVMA GHLIT AVMA PLIT **Balchem** Corporation **Bayer Animal Health** BCF Technology **BEEF** Magazine Behlen Country Bioniche Animal Health USA, Inc. Boehringer Ingelheim Vetmedica, Inc. Bomac Vets Plus, Inc. BouMatic **Bovine Veterinarian Bowie International LLC Central States Testing CEVA** Biomune **Christian Veterinary Mission** Colorado Serum Company **Cotran Corporation** Dairy Cattle Reproduction Council



Samuel Hutchins III, DVM Exhibits Manager

Dairy Records Management Systems Dairy Tech, Inc. **DairyBusiness** Communications DeLaval **Destron Fearing** DHI Computing Service, Inc. **Diamond V Mills DSM** Nutritional Products **DVM Resources E I Medical Imaging** EIDAP Inc. Elanco Animal Health Elsevier Food Animal Residue Avoidance Databank (FARAD) FOR-MOST INC. Fort Dodge Animal Health GEA WestfaliaSurge, Inc. Genova Labs GlobalVetLink Hardy Diagnostics Hoard's Dairyman **IDEXX** Laboratories.Inc. ImmuCell Immvac Inc. Intervet/Schering-Plough Animal Health **IVX** Animal Health Jorgensen Laboratories Kansas State University Kunafin The Insectary

Lallemand Animal Nutrition Land O'Lakes Animal Milk Products Co. Lane Manufacturing Inc Lauren AgriSystems McCulloch Medical Merial Midland BioProducts Corporation Midwest Veterinary Supply, Inc. Milk & Dairy Beef Quality Assurance Center, Inc. Moly Manufacturing, Inc. **Monsanto Dairy** Multimin USA, Inc. MWI Veterinary Supply, Inc. Nasco National Institute for Animal Agriculture Nelson-Jameson Inc. **Neogen** Corporation New Z Tags Newport Labs NO-BULL ENTERPRISES Norbrook Inc. Novartis Animal Health US, Inc. Nutrition Horizons Omaha CVB PBZ LLC Pearson Livestock Equipment Pets-Inc. Pfizer Animal Health Phibro Animal Health PowerFloat Inc. Prima Tech USA Prince Agri Products, Inc.

PRN Pharmacal **Products Group International Professional Audio Recording** Professional Veterinary Products, Ltd. **Progressive Dairy Publishing** Provita **Quality Milk Production Services** Shenzhen Well.D Medical Electronics Co., Ltd. SolidTech Animal Health, Inc. Steuart Medical Steve Johnson Stone Mfg. & Supply Co. TechMix, Inc. TekVet Technologies Co. Tru-Test, Inc. Udder Health Systems, Inc. UNIVERSAL ULTRASOUND University of Guelph, MBA Executive Online Food and **Agribusiness Management** University of Nebraska **USDA-APHIS** National Animal Identification System **USFDA/Center for Veterinary Medicine** Valley Agricultural Software, Inc. Valley Feed Company Varied Industries Corporation Vedco, Inc. Veterinary Concepts Veterinary Sales & Service Vettec Virtus Nutrition Western Veterinary Conference Zinpro Performance Minerals

FUTURE MEETINGS

American Association of Bovine Practitioners

2009	Omaha, Nebraska	\mathbf{Sep}
2010	Albuquerque, New Mexico	Aug
2011	St. Louis, Missouri	Sep

September 10-12 August 19-21 September 22-24

World Buiatrics Congress

2010 Santiago de Chile, Chile

November 14-18

Executive Vice-President's Report

Business Luncheon Charlotte, North Carolina 27 September, 2008



With the addition of Ms. Katie Warren as AABP Administrative Assistant to augment the efforts of Ms. Brittani Rogers, the function of the office has been much more efficient and will continue to improve.

Finances

The treasurer's report will provide the bulk of this information. Treasurer Dr. Brian Reed had been receiving updates from the AABP office regarding any checks that are in excess of \$5,000.00 and bear only a single signature until Katie was added to the signature card at Auburn Bank. The AABP check writing policy is now in place with two signatures on checks larger than \$5,000, and the Treasurer's email approval for checks larger than \$10,000. The monthly reconciliations continue to allow Dr. Reed the ability to view the computer in the office being used for the reconciliation.

The A.G. Edwards Bank Deposit Program has provided acceptable return with total FDIC insurance coverage up to \$300,000. That amount is not adequate from June until October as both dues and meeting registration fees are being received. Following a period of dealing with short term CDs in a volatile market, an account was established at A.G. Edwards in The US Treasury Money Fund of America. This fund is protected up to \$500,000 with SIPC protection. One other note, Wachovia has merged with A.G. Edwards and the statements reflect this change. Future reports will refer to Wachovia accounts. The QuickBooks accounts have been structured to provide an easier evaluation to the specific accounts tied to the AABP Investment Policy.

Membership

The dues notices for the 2008-2009 membership year were mailed May 1, July 15 and September 10. Members with 6/30/2008 membership expiration dates will not receive the November newsletter and will be removed from AABP-L during the month of October. We have continued to grant students a longer period of grace, but this will go only until December 31. This fall, we expect to remove delinguent students from AABP-L early in December to encourage the payment of the 2008-2009 dues prior to 12/31/2008. There is input from the SLRP committee to discuss issues including, but not limited to, electronic memberships, increasing fees for foreign members who continue to request mailings (postage for 800 foreign and Canadian newsletters approximates that for 3800 U.S. newsletters) and for increasing publications options, particularly as the Bylaws and Constitution review continues.

Director and Officer Elections

Districts 4, 7, 10, and 13 had elections this spring/ summer. Drs. Wiley, Blood, Lee and Brockhoff were eligible for re-election, Dr. Brockhoff to his first actual full term. Dr. Thomas in District 1 is filling an unexpired term of less than one year and will not stand for election until 2011. In District 4, Dr. Robert Vlietstra was nominated to run against Dr. Wiley. Dr. Wiley was re-elected to a second term in a very close race. Dr. John Lee decided not to run for election to a second term, and Dr. Steve Smalley was nominated and ran unopposed and will succeed Dr. Lee as Director in District 10.

The ballot for AABP Vice President for the 2008-2009 year had two candidates, Dr. Tom Hairgrove and Dr. Christine Navarre. Dr. Navarre received the most votes and will become AABP Vice President at the close of the Annual Business Meeting. Dr. Navarre is currently chair of the AVMA's Food Safety Advisory Committee, represents AASRP on the Food Supply Veterinary Medicine Coalition, and is currently Extension Veterinarian at Louisiana State University.

General Office Activity

The workings of the office continue to change with the website and the technology introduced and implemented (often times in response to questions from the office regarding working more effectively for the membership) by both IT Coordinator Steve Johnson and the office staff. As several of the Board have experienced, Steve has made the use of email and other electronic tools simple and straightforward for Board members, committee chairs and seminar coordinators. He continues to revise the web site in ways that make things easy for our members and for the office.

Updating and verifying the member database plus correlating this with the AABP-L list continue to require weekly activity. During the past six months, I need to call attention to the fact that the AABP has paid my two oldest children, Wes and Molly, an hourly wage to handle routine office activities, and this will continue on an as-needed basis.

Liaisons and Meetings

A large variety of meetings were attended to represent AABP interests or fulfill obligations that I had coming into this position, and which have been sanctioned by the Board and include:

- March 20 National Milk Producers Federation Animal Health Committee Meeting, Washington, D.C.
- March 31 PAACO Spring Board Meeting, Indianapolis, Indiana
- April 1-3 NIAA Annual Meeting, Indianapolis, Indiana
- April 3-5 Academy of Veterinary Consultants, Omaha, Nebraska
- April 10-12 AVMA Executive Board Meeting, Schaumburg, Illinois
- April 16 USP Veterinary Medical Information Expert Committee, Washington, D.C.
- May 12-13 NCBA Producer Education Summit, Denver, Colorado
- May 28-30 International Symposium on Beef Cattle Welfare, Manhattan, Kansas
- June 22-24 AABP Executive Committee Meeting, Washington, D.C.
- July 1-12 25th World Buiatrics Congress, Budapest, Hungary
- July 16-21 AVMA Annual Conference, New Orleans, Louisiana

- July 23 AFACT American Farmers for the Advancement and Conservation of Technology, Chicago, Illinois
- July 24 AVMA Animal Welfare of Production Farm Animals, Schaumburg, Illinois
- August 4 National Dairy Animal Well Being Initiative – Principles and Guidelines sub committee, Chicago, Illinois
- September 3 National Dairy Animal Well Being Initiative – Entire working group, Chicago, Illinois

Honor Roll Nominees

The following AABP members have requested being granted honor roll status. They all qualify and I recommend that they be approved.

H. Fred Troutt Clifford E. Noffsinger Howard Whitmore Douglas R. Hageman Lionel C. Ickes

Summary

The past six months have been as busy and productive as any in the three years in this position. The Foundation has been fully established and requires a minor commitment of office resources. The hiring of Ms. Katie Warren as AABP Administrative Assistant should bring some consistency back to the office routine and allow planning for events and routine tasks rather than reacting to requests for resource allocation. The ability to work with the Board and the many groups I have encountered over the six months continues to be rewarding. I appreciate the opportunity to serve in this position.

Respectfully submitted, Gatz Riddell, DVM, MS, DACT Executive Vice President

Minutes of the American Association of Bovine Practitioners

Annual Business Luncheon 27 September 2008 Charlotte Convention Center Charlotte, North Carolina



Dr. Mike Bolton, AABP President, calls the 2008 AABP Business Meeting to order.

The meeting was called to order by AABP's President, Dr. Mike Bolton, at 12:00 p.m. President Bolton began by welcoming those in attendance and holding a moment of silence for those members who had passed away since the last business meeting.

Dr. Bolton then presented the minutes of the Vancouver Business Luncheon for approval. On motion with second, the 2007 Business Meeting minutes were approved.

President Bolton introduced the current AABP Board of Directors and the VIP guests in attendance, along with the attendees in each district. All students in attendance were also recognized. Dr. Bolton thanked the officers and volunteers for their service during the past year, and thanked the 2008 Program Committee for the excellent work in putting together the conference. He discussed the AABP's relationship with the AVMA, and then introduced Dr. Larry Corry, AVMA President-Elect, who spoke about the 2008 AVMA Conference in New Orleans, Louisiana.

Dr. Bolton introduced Dr. Elizabeth Parker, Chief Veterinarian for the NCBA. Dr. Parker discussed food safety, antibiotics, animal care guidelines, research, and public education. Dr. Bolton introduced the AABP's Treasurer, Dr. Brian Reed. Dr. Reed presented the Treasurer's Report, describing AABP's current finances in positive terms. He reported that the AABP has total assets of \$1,776,247, and net assets of \$1,477,015. Dr. Reed then thanked Dr. Mark Wustenberg and Dr. Gatz Riddell for their help and guidance. On motion, the Treasurer's Report was voted on and approved.

Dr. Gatz Riddell gave the Executive Vice President's Report. He thanked the AABP Board of Directors, the 2008 Program Committee, and the 2008 exhibitors. The 41st Annual Meeting had 1,139 registrants and a total of 1,757 in attendance. Dr. Riddell discussed meetings and groups that he has met with through the past year. He requested that everyone fill out the cephalosporin survey, and asked members to step forward and take action for their profession. Dr. Riddell thanked everyone who had helped him through the year, especially his family.

Dr. Bolton introduced Dr. Ann Godkin to present the Student Case Presentation Competition Awards. First place was awarded to Paula Ospina of Cornell University, second place was awarded to Jason Nickell of Kansas State University, and third place was awarded to Theresa Ollivett of Cornell University.

Dr. Joe Dedrickson of Merial introduced Dr. Dee Griffin to present the AABP-Merial Award for Excellence in Preventive Medicine - Beef to Dr. Tom Noffsinger. Dr. Al Harper presented Drs. John and Laurie Day with the AABP-Merial Award for Excellence in Preventative Medicine - Dairy.



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Dr. Bradley Mills of Pfizer introduced Dr. Gordon Atkins to present the AABP–Pfizer Distinguished Service Award to Dr. David McClary.

Dr. Rick Sibbell from Intervet/Schering-Plough Animal Health introduced Dr. Jeff Lakritz to present the AABP–Intervet/Schering-Plough Mentor of the Year Award to Dr. Bruce Hull.

Dr. Denny Hausmann introduced Dr. Steve Eicker to present the AABP–Alpharma Award of Excellence to Dr. Chuck Guard.

Dr. John Schnackel introduced Dr. Calvin Booker to present the AABP–Fort Dodge Bovine Practitioner of the Year Award to Dr. Kee Jim.

Dr. Mark Thomas presented the James A. Jarrett Award for Young Leaders to Dr. Michael Capel.

Dr. Pat Gorden presented the fourth Honorary Member Award for a non-AABP member to Dr. Leo Timms.

Dr. Charlie Hatcher presented Honorary Membership to Dr. Sam Hutchins. Dr. Harold Amstutz presented the Amstutz-Williams Award to Dr. Sam Hutchins. Dr. Hutchins served 38 years as Exhibit's Manager. Mrs. Hutchins joined Dr. Hutchins on stage and was recognized for her support and assistance throughout her husband's service.

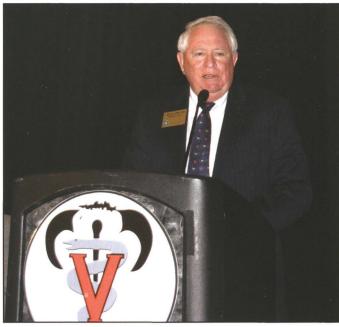
Dr. Bolton thanked Dr. Steve Edwards, his parents, and his wife. In closing he welcomed the new AABP Vice President, Dr. Christine Navarre, and the recently elected or re-elected Board of Directors: Dr. Richard Wiley, District 4 Director; Dr. Shawn Blood, District 7 Director; Dr. Steve Smalley, District 10 Director; and Dr. J. Egan Brockhoff, District 13 Director. Dr. Bolton introduced the incoming AABP President, Dr. Richard Wallace. Dr. Wallace presented the AABP President's Award to Dr. Mike Bolton.

Dr. Wallace adjourned the meeting at 2:45 p.m.

Respectfully submitted, Brittani Rogers AABP Headquarters



Dr. Elizabeth Parker, Chief Veterinarian for the BCBA in the Washington, DC, office, reviews legislative and regulatory issues of interest to veterinarians and cattlemen.



Dr. Larry Corry, AVMA President-Elect, addresses the AABP membership.





Dr. Dick Wiley presenting a Student Recognition Award to Terri Specht at the Opening Ceremony.





Dr. Mike Overton, retiring chair of the AABP Reproduction Committee, is recogized for his service to the organization.



AABP staff Dr. Gatz Riddell, Brittani Rogers and Katie Warren.



Dr. Dick Wallace, left, presents the AABP President's Award to outgoing President, Dr. Mike Bolton.

Board of Directors & Committee Meetings













2008 Bovine Practitioner of the Year



Dr. Kee Jim, center, receives the AABP–Fort Dodge 2008 Bovine Practitioner of the Year Award from Dr. Calvin Booker, left, and Dr. John Schnackel, Fort Dodge Animal Health.

Dr. John Schnackel, Fort Dodge Animal Health, described the AABP-Fort Dodge Bovine Practitioner of the Year Award. "The Bovine Practitioner of the Year Award has been awarded annually since its establishment in 1978. The award consists of a diamond ring and commemorative plaque. The award winner exhibits those qualities that exemplify the AABP and its members. Candidates are evaluated on the following criteria:

- Must be a bovine practitioner in active practice;
- The quality of veterinary service provided as judged by his or her peers;
- Participation in organized veterinary medicine, such as AABP, as well as activity on veterinary boards, such as licensing, specialty, etc.;
- Contribution to the knowledge of the profession through case reports, scientific reports and continuing education; and,
- Achievements and activities which have an impact on the cattle industry and bovine practice.

On behalf of Fort Dodge Animal Health, I would like to express our appreciation for allowing us to participate in recognizing one of your outstanding members. To present the winner of the 2008 AABP–Fort Dodge Animal Health Bovine Practitioner of the Year Award, please welcome Dr. Calvin Booker."

Dr. Booker's description of this year's award was as follows:

"It was 20 years ago at my first AABP Conference in Calgary that I had the pleasure of meeting this year's recipient of the AABP-Bovine Practitioner of the Year Award. I was a senior student from Saskatoon at the time, and the meeting took place in a bar in a section of Calgary named Electric Avenue. In this bar, the bartender poured shooters straight into your mouth instead of bothering with glassware - and this year's recipient was conducting a student teaching exercise of sorts, calmly demonstrating proper shooter consumption technique using this environmentally friendly approach. It was a post-conference seminar of sorts! This memory has always stuck with me and I was reminded of it again during this year's student reception.

I have had the privilege of knowing and working closely with this year's recipient for 20 years, during which time he has been a teacher, mentor, colleague, business partner and friend. He has accomplished a tremendous number of achievements in his veterinary career, but we only have time to touch on the highlights in this presentation. From the moment he graduated and continuing to the present, this year's recipient has been an innovator and leader in the veterinary profession with respect to feedlot practice, beef cattle production medicine, applied research, continuing education, and contributions to the beef industry.

He has been a private practitioner for his entire veterinary career. He is a founding partner of Feedlot Health Management Services (FHMS), a private veterinary practice that provides services to the feedlot sector of the beef cattle industries in Canada and the United States. The practice celebrated its 25th year of business in 2008.

Throughout his veterinary career, this year's recipient has emphasized the importance of data-based decision making and commercial field trials, which has resulted in the generation of numerous research findings that have improved the health and productivity of feedlot animals. He has authored/coauthored over 45 scientific articles in peer-reviewed journals and over 150 technical reports relevant to the academic field. He has stayed active in this regard; he has been a co-author on six peer-reviewed scientific articles in the last two years alone.

In terms of continuing education, this year's award recipient has attended many meetings and presented at more than 100 conferences and meetings throughout the world, including several presentations again in 2008. In addition, he was responsible for organizing formalized student externships at FHMS starting back in 1985. This year's recipient of the award has been instrumental in securing funding for the program and his contributions regarding the economics of beef cattle production and the realities of running a veterinary business are invaluable to the student attendees.

This year's award recipient has been a leader and great mentor to those around him. He has instilled in all of us the thought processes of clearly defining the core issues to be dealt with in each situation we encounter; using the data-based decision-making process whenever possible; continually pursuing new knowledge that will benefit ourselves and our clients; creating win-win scenarios whenever possible; and always maintaining our integrity - doing what we say we will do!

Outside of FHMS, this year's recipient of the award has demonstrated his leadership and commitment to the animal health field through his involvement in many organizations, such as AABP and the Academy of Veterinary Consultants.

This year's recipient has been recognized for his veterinary achievements on several occasions during his career, most notably:

- AABP-Merial Beef Award for Excellence in Veterinary Preventative Medicine in 1989
- Academy of Veterinary Consultants, Consultant of the Year award in 1999
- Recognition in 2007 by Bovine Veterinarian magazine as one of the six VIP's of Feedlot Medicine, with the citation noting the following quotes from his peers:

"Not afraid to challenge the dogma and gurus."

"Has a unique ability to focus on the real issues, a true scientist."

"Has probably done more to advance feedlot medicine than anyone else in North America."

Over and above his veterinary activities, this year's recipient of the award has been actively involved in the beef

cattle industry through G.K Jim Farms and his other affiliated companies, which are major players in the Canadian cattle industry through ownership of cows, backgrounding cattle and feedlot cattle. As a beef cattle producer, he has served on the board of directors and held executive positions for several beef industry groups, most notably the Alberta Cattle Feeders Association, the Canada Beef Export Federation, and the Canadian Cattlemen's Association, and his contributions in this regard have been unparalleled. During his tenure on these industry boards, a number of important policy and regulatory initiatives have been realized that removed restrictions to allow freer trade between Canada and the US, and helped develop policies, legislation, and disaster relief programs in the aftermath of the BSE crisis that crippled the Canadian beef industry in 2003. In June 2008, he was appointed as one of five Blue Ribbon panel members of world-renowned experts to the newly created Alberta Livestock and Meat Agency, whose mandate is to provide strategic advice and direction to help Alberta compete globally and transition to a sustainable beef industry in the aftermath of BSE. As a result, his contributions to the beef industry will continue for many years to come.

On top of all his industry-related activities and 25 years after obtaining his veterinary degree, this year's recipient is still fully active in the day to day activities of the FHMS practice. He:

- meets with existing clients on a daily basis
- routinely does scheduled site visits to client feedlots
- actively recruits new clients and professionals for FHMS
- participates in the field veterinary services and weekend duty schedules as required
- contributes to the design, conduct, and interpretation of research studies
- teaches students as part of the FHMS externship programs
- directs the continued development and evolution of the FHMS professional services business model

He is an outstanding example of what it takes to be an "all-round" bovine practitioner, continually developing and "reinventing" his skills, and the skills of those around him, so that FHMS can continue to be a leader in the provision of veterinary and production services/consultation to beef producers.

Although he has been recognized for his achievements on previous occasions by various organizations, his contributions to bovine practice and the beef industry in the last couple of years have demonstrated yet again that he continues to be one of the most influential, productive, and remarkable private practitioners in the AABP.

It is with a tremendous amount of respect and pride that I introduce to you the recipient of the 2008 AABP–Fort Dodge Bovine Practitioner of the Year Award, Dr. Kee Jim."

AABP–Merial Awards for Excellence in Preventive Veterinary Medicine

Dr. Joe Dedrickson, Merial Limited, described the awards. "The awards were established in 1982, and consist of a \$1500 general scholarship contribution made in the name of the recipient to his/her veterinary college of choice and a specifically designed plaque given to the recipient. The awards recognize individual member practitioners or practices that have developed outstanding preventive medicine programs. One award is given to recognize an outstanding program for beef production and another is given to an outstanding program in dairy production. We, at Merial, are proud to have been the sponsor of this award for the last 26 years and wish to congratulate the 2008 winners."



Dr. Tom Noffsinger, left, receives the AABP–Merial Beef Award for Excellence in Preventive Veterinary Medicine from Dr. Joe Dedrickson, Merial Limited.

Dr. Dee Griffin introduced the 2008 beef award recipient.

"The winner of the AABP-Merial Preventive Medicine Beef Award was a graduate of Colorado State University's College of Veterinary Medicine in 1973. Following graduation he began practice in southwestern

Beef Award

Nebraska where his daily activities included consultation with feedlot operations in the areas of health, performance and animal behavior. To expand the level of service to his clients, he completed the Beef Production Management Series at the University of Nebraska-Clay Center in 1994.

Today's honoree has developed a passion for improving the management of stressed animals and over the years has developed low stress handling concepts as a part of management that enables caregivers to have positive effects on cattle health and performance. He helps caregiver's understand cattle behavior to apply handling concepts during calving, acclimation to a new environment, processing, pen riding, and sick cattle management. He is now known nationally for his expertise in this area, and spends countless days each year traveling across America teaching these concepts to others.

In addition to his busy beef cattle practice, this veterinarian has also been active in organized veterinary medicine, and served as President of the Academy of Veterinary Consultants. He was named the Consultant of the Year by the Academy of Veterinary Consultants, and was also honored with the Nebraska VMA Distinguished Service Award.

Most notably, he has caused us to think outside the box about the animals we serve, and at the same time has shown us that there is a positive correlation between animal care, health and productivity. Please help me congratulate Dr. Tom Noffsinger of Benkelman, Nebraska."



Dr. Joe Dedrickson, left, presents the AABP–Merial Dairy Award for Excellence in Preventive Veterinary Medicine to Drs. Laurie and John Day.

Dr. Al Harper introduced the 2008 dairy award recipients.

"Several years back, Dr. Bob Bushnell was recognized by this organization for his outstanding service to bovine medicine. At the presentation it was stated that perhaps Dr. Bushnell's greatest contribution was through the countless veterinary students he mentored while they worked for him on his mastitis crew or on various other projects. The recipients of this year's award are actually a husband and wife team who met while working for Bob during their vet school days. Since that time Drs. Laurie and John Day have spent nearly 20 years in dairy practice in Southern Idaho, the heart of Idaho's dairy industry. And just so everyone knows, Idaho passed up New York in July as the number three dairy state in the nation!

John is a second generation veterinarian. After graduating from the University of California-Davis School of Veterinary Medicine in 1987, he spent a year at Lander Vet Clinic, a high volume dairy practice in Turlock, CA, before returning to UCD for a residency in Food Animal Medicine. John has championed the use of veterinary technicians in dairy practice, and has worked closely with the College of Southern Idaho and their veterinary technician program. John has also worked with a new program at WSU that focuses on getting first and second year students out to spend time with food animal practitioners in order to stimulate interest in FAM.

Laurie graduated in 1989 and spent an additional year getting a Masters in Preventive Medicine (MPVM) degree. At that time older brother Greg was transitioning from full time practice to dairy owner/manager and Laurie began commuting to Idaho to begin the take over of Greg's dairy practice and milk quality lab, which she continues to operate today. In her "spare" time Laurie has raised numerous puppies for Guide Dogs for the Blind, while implementing the state 4H guide dog program and serving as its leader. Laurie is an active Rotarian.

Together they have worked closely with numerous veterinary schools across the country hosting student externs.

John and Laurie were married on July 4, 1987. In 1991 they moved to Jerome, Idaho where they live on a 40 acre farm. The Day's are very involved in church activities. Their son, Austin 14, a budding rock star, is active in the high school youth programs. Daughters Kaylee 11, and Anabelle 8, play piano and organ and have performed several times at church. In 2006, John and Laurie served a short mission in Mongolia with the Christian Veterinary Mission and are looking forward to future missionary service.

For the last five years the entire Day family has studied Jujitsu. John and Laurie are black belts with the kids close behind...this family can kick some butt! Please join me in congratulating this year's AABP-Merial Preventive Veterinary Medicine Award-Dairy winners, Drs. Laurie and John Day."

AABP–Pfizer Animal Health Distinguished Service Award – Merit Award Series



Dr. David McClary, left, receives the AABP–Pfizer Animal Health Distinguished Service Award from Dr. Bradley Mills, Pfizer Animal Health.

Dr. Bradley Mills, Pfizer Animal Health, described the award: "The award was established in 1989. It consists of a commemorative plaque and a certificate of appreciation. It also includes a \$1,000 donation to either the school of the recipient's choice or the Amstutz Scholarship Fund. Candidates for the award are those individuals who, thorough long and continued service, have promoted the goals of the American Association of Bovine Practitioners (AABP) and whose accomplishments have served as a model for service to bovine

agriculture through organized veterinary medicine. Selection criteria include the following:

•A career of self-effacing commitment to excellence in bovine medicine as evidenced by conscientious involvement in the affairs of the AABP:

• Demonstrated leadership in keeping organized veterinary medicine abreast of the times;

• Peer recognition as an effective spokesman for the bovine practitioner.

Dr. Gordon Atkins will introduce the 2008 award winner."

"The AABP-Pfizer Animal Health Distinguished Service Award honors those AABP members who have gone above and beyond the normal call of duty in their commitment to excellence through their service and leadership for the AABP. A review of the past recipients of this award since its inception in 1989 is a testament to the elite group of AABP leaders that this year's recipient will join.

This year's recipient exemplifies the true character of service, commitment and excellence which this distinguished award embraces.

After receiving his Bachelor of Science degree from Western Kentucky University in 1970, our recipient received his DVM from Auburn in 1974. He pursued a career in private practice in Kentucky from 1974 to 1978. In 1978 he returned to Auburn as a theriogenology resident and received his Master's Degree in 1982. From 1982-1988 he served as Assistant Professor in the Department of Large Animal Medicine and Surgery at Auburn, and he became a Diplomate of the American College of Theriogenology in 1982. Our award recipient began his long and distinguished service with the AABP when he was elected as District III Director in 1982. Throughout the next 25 years this outstanding member has generously given his time and talents and has served AABP in almost every possible capacity. He joined the Executive Committee in 1988 and served as Seminar Coordinator and Program Chair enroute to his term as President in 1990-91.

After completing his term on the Executive Committee, his contributions to AABP had just begun. He served as Chair of the Forward Planning Committee, Co-Chair of the 1993 Search Committee for the AABP Executive Vice-President, and in the same year became a committee member for the Amstutz Scholarship Fund. While involved with all these activities our recipient left academia and joined Elanco Animal Health in 1988, serving as a Research Scientist until 1996 when he was appointed Cattle Technical Consultant. It was his combined association with Elanco and his passion for attracting students to bovine practice that was instrumental in obtaining major ongoing funding from Eli Lilly for the Amstutz Scholarship Fund. He served as chair of the fund from 2003-2007, and when we see the large numbers of veterinary students now attending AABP we must acknowledge the exemplary effort he has contributed to make this a reality.

Today our award recipient serves as Senior Cattle Technical Consultant for Elanco Animal Health. Besides the AABP, he is a member of the National Mastitis Council, American Dairy Science Association, American College of Theriogenology, the Academy of Veterinary Consultants, and a national Steering Committee for Auburn University.

In recognition of his contribution to the Auburn University College of Veterinary Medicine, one of the four new state-of-the-art food animal teaching barns has been named in his honor. Amid all of these accomplishments our recipient continues to work tirelessly for the AABP as a motivator and mentor for students and AABP members alike.

He makes his home in Auburn, Alabama with wife, Kristine, and their children Justin and Charlotte, and would be the first to acknowledge the love and support he receives from his family.

His gracious, outgoing personality and commitment to excellence in everything he does makes us extremely proud to call him our colleague and most of all, our special friend.

Ladies and Gentlemen, please join with me in congratulating the 2008 winner of the AABP-Pfizer Animal Health Distinguished Service Award – Dr. David L. McClary."

AABP-Alpharma Award of Excellence



Dr. Chuck Guard, right, receives the AABP–Alpharma Award of Excellence from Dr. Denny Hausmann, Alpharma Animal Health.

Dr. Denny Hausmann, Alpharma Animal Health, described the award. "This award, established in 1989, consists of a ring and a plaque. Candidates for the award must be nominated from teaching, research, industry or government areas. The nominees' professional activities must have had a consistent and direct influence on daily activities of veterinarians in bovine practice. Eligibility also includes a degree in veterinary medicine and AABP membership." The 2008 winner was announced by Dr. Steve Eiker.

"It is my pleasure to introduce this year's recipient of the AABP-Alpharma Award of Excellence. I was on cloud nine when contacted to present the award, until it was made it very clear I had to limit my comments to three minutes.

I started thinking about how to describe this year's winner without giving away his identity immediately, and I was worried that might not be so easy.

I talked to John Ferry for some suggestions, and he told me not worry. He said I have so few friends, everyone would be able guess anyways...

Our colleague grew up on his family dairy farm in the Midwest, but in the 60's he left the small farm to the big university. He received his undergraduate degree in engineering, I suppose just like most of us in AABP. He spent the summer supervising the construction of the interstate, as Al Gore had not yet invented the internet. But further education beckoned, so he elected to do a PhD, and headed south to study anatomy of feet. He kept going, and going, and going, finally stopping when he reached Antarctica. Most everyone else already knew that there were not too many cows there, so his PhD involved the study of blood flow to the webbing of penguin's feet instead. But probably few of you were aware this was the inspiration for the movie Happy Feet. His real acting career break-through came in practice tips a few years ago. He was cast opposite of Keith Sterner in Tool Time deftly playing the role of Al as if he had worn flannel shirts his entire life.

But back to the story...

After helping with blood-flow probes in the physiology lab, he graduated from Cornell in 1980. He practiced large animal medicine for awhile in New Hampshire, but returned to Ithaca a few years later in the ambulatory clinic. Thanks to NY farmers with overcrowded barns, poor bedding, bad concrete, and lousy rations, he was exposed to a staggering amount of lameness. Instead of looking the other way every time he passed a cow, he started a lifetime career in studying the causes, effects and treatment of dairy lameness.

He has a keen analytical mind, is skilled in economics and computing, has an incredible desire to discover new knowledge, but his big largest contribution has been teaching others. He has taught at AABP preconvention seminars, lectured at the general sessions, taught countless foot trimmers, helped with computer analysis and epidemiologic modeling, and published over 50 papers.

He has had trained over 15 veterinarians in PhD programs, lots of interns and residents, and a generation of fired-up bovine students. A few years back, he helped create the Summer Dairy Institute, an intensive 8-week program for new graduates that has attracted both talented students and infamous faculty.

I could not be prouder to introduce my friend, Dr. Chuck Guard, as our AABP–Alpharma Award of Excellence winner!"

AABP-Intervet/Schering-Plough Mentor of the Year Award



Dr. Bruce Hull, center, receives the AABP–Intervet/Schering-Plough Mentor of the Year Award from Dr. Jeff Lakritz, right, and Dr. Rick Sibbell, Intervet/Schering-Plough Animal Health.

Dr. Rick Sibbell, Intervet/Schering-Plough Animal Health, described the award.

"The AABP-Intervet/Schering-Plough Mentor of the Year Award is presented annually to an AABP member who has been engaged in the field of veterinary medicine for at least 25 years and has served as both advisor and role model to pre-veterinary and/or veterinary students. This award was instituted in 2007 and is conferred annually to a member that embodies this spirit whether in practice, the clinic, or the classroom. The recipeint is presented with a commemorative plaque at the annual business luncheon. The 2008 award winner will be introduced by Dr. Jeff Lakritz."

"Dr. Bruce Hull is the winner of the AABP-Intervet/Schering-Plough Mentor of the Year Award. Dr. Hull, emeritus professor in the Department of Veterinary Clinical Sciences, retired from full-time clinical service as a food animal surgeon in 2004, after serving The Ohio State University College of Veterinary Medicine since 1976. During his tenure at Ohio State, Dr. Hull was awarded recognition for his outstanding clinical service and teaching, including teacher of the year and the Norden Distinguished Teacher award.

Born in upstate New York, Dr. Hull attended Cornell University, earning the DVM degree in 1965. After one year in private veterinary practice and two year's service in the United States Army, Dr. Hull took a position at Iowa State University as a veterinary instructor and earned his Master's degree in Veterinary Clinical Sciences. Dr. Hull continued to work as a faculty member at Iowa State, teaching in the food animal clinical program until 1976 when he joined the faculty at The Ohio State University.

During his career at Ohio State, Dr. Hull was known as a teacher who made students think. He remains a strong believer in the art of physical diagnoses. During his 35 year teaching career, a favorite course of students was his Special Topics/Food Animal course. This course included time spent in a stall examining food animals prior to the start of didactic classes. Dr. Hull asked questions, and the students developed physical examination findings leading to clinical diagnoses. Dr. Hull's instructional abilities allowed students to develop critical thinking skills used in the diagnosis of animal diseases and disorders. Through the support of Select Sires, Dr. Hull pioneered the surgical procedures used today for femoral capital physeal fractures and seminal vesiculectomy.

Dr. Hull is an outstanding veterinary role model, both professionally and personally. Dr. Hull taught by example, working long hours and interacting with clients, their animals and his students. He emphasized the importance of compassion to students, who used this in their practice, setting examples for their clients. Those veterinarians who supported Dr. Hull's nomination attested to his ability to teach, his thoughtful consideration of their problems or concerns, and his work ethic.

Dr. Hull's long list of trainees and students are a credit to the contributions he made to their respective careers. The list of veterinarians who have trained under Dr. Hull is long and these individuals have made a tremendous impact on this profession.

In 1977 he was awarded the Outstanding Teacher of the Year by the students of the senior class. This award was voted on by the students and presented by the students.

In 1978 he received the Norden Distinguished Teacher award and was presented the AABP-Alpharma Award of Excellence from the American Association of Bovine Practitioners in 2004.

Please help me congratulate the 2008 AABP–Intervet/Schering-Plough Mentor of the Year, Dr. Bruce Hull."

James A. Jarrett Award for Young Leaders



Dr. Michael Capel, left, receives the James A. Jarrett Award for Young Leaders from Dr. Mark Thomas.

The James A. Jarrett Award for Young Leaders recognizes members of the American Association of Bovine Practitioners who have made significant contributions to ensuring the current success and the future viability of the AABP. The award will be presented at the AABP Annual Meeting to AABP members who have been nominated by another current AABP member, and who have been determined to be deserving of the award by the AABP Board of Directors. The award will be limited to deserving AABP members who have graduated from veterinary school within ten (10) calendar years. Recipients will have given extraordinary service to the AABP in a manner that significantly enhances the mission of the organization. The award will consist of a commemorative plaque and a commemorative ring. This award was established in 2005 and will be presented only when a deserving individual has been nominated and selected.

Dr. Mark Thomas introduced the 2008 award winner.

"This year's recipient was born and raised along a river in eastern NY. He ventured west to attend the animal science program at Cornell University where he began to develop an interest in dairy production. Opportunities soon arose for him to spend time riding with an early mentor, Dr. Chuck Nydam, where his interest in a career as a dairy veterinarian was sparked.

While in veterinary school at Cornell our recipient began his role as a leader through his involvement with the student AABP club. As a true leader would, he sought out the class valedictorian as his wife, a practicing veterinarian today, who is a steadfast supporter of all the extra responsibilities our recipient takes on. After veterinary school graduation in 2000, he continued his leadership role and became active in the AABP membership committee where he has served as the chairman for the past five years. Through his tenure on this committee, our recipient has been instrumental in managing the education and externship grants, instituting an externship database and creating recruitment materials for promoting our profession to future generations.

Within his practice our recipient also stands out as a leader. He is a managing partner of a 25 veterinarian, mixed-animal practice in western New York, and has been a key leader in bringing many progressive business ideas to the table. He actively mentors many student externs and teaches at the Summer Dairy Institute while still maintaining the commitment to take his dairy clients to the next level.

Responsibilities within his family congregation further support his devotion to leadership outside of veterinary medicine.

The collection of photos his wife, Kate, has sent to me for this presentation is testament that family does not take a back seat to his extensive involvement in organized veterinary medicine. His role as a husband and father of four young children will be portrayed as the pictures soon roll.

I have had the privilege of calling this year's recipient a friend and colleague for many years. So it is without further introduction that I am honored to present the 2008 James A. Jarrett Young Leader Award to Dr. Michael Capel."

Twenty-one AABP Amstutz Scholarships Presented at the 2008 AABP Meeting in Charlotte



Dr. Dan Grooms describes the history of the Amstutz Scholarship, and introduces the committee members.

During the Opening Ceremonies at the 2008 AABP meeting in Charlotte, 21 outstanding third-year veterinary students were each awarded \$2000 though the Harold Amstutz Scholarship Program. These students were selected by the AABP Amstutz Scholarship Committee from 42 exceptional applicants from 22 different North American veterinary schools. This brings the total number of scholarships awarded to 203 for a total of over \$325,000 since the first was given in 1996. The sources of funds for these awards are individual AABP member contributions and an annual generous contribution from the Eli Lilly Foundation through Elanco Animal Health. The Lilly Foundation has supported the scholarship program since 1997, with a current annual contribution of \$30,000 per year. In addition, we would also like to express our appreciation to Novartis Animal Health for their contribution through a registrant participation activity held at their booth in the Exhibit Hall during the meeting. The Amstutz Scholarship Committee would like to thank everyone for their generous support of this important and worthwhile program.

The recipients of the 2008 AABP Amstutz scholarships and respective schools are:

Cara Kneser Laurie Page Cynthia May Nick Patterson Sterling McDermott Whitney Knauer Amanda Tanner Andrew J. Chambers Brock J. Hanel Chance Armstrong Craig A. Zimmerly Estella Perez Hovland Jessica Evoniuk Justin Powell **Cvnthia Miltenburg** Jolene Birney Maggie R. Hoenig Natalie Ward Pamela Marie Knake

Tufts University Colorado State University The Ohio State University Auburn University Texas A&M University University of Pennsylvania Purdue University **Cornell University** Kansas State University Auburn University The Ohio State University University of Georgia Iowa State University University Of Illinois University of Guelph Michigan State University Iowa State University Washington State University Iowa State University

Rebecca Olinger Purdue University Suzanne Stachnik

Cornell University Fourteen of the 20 scholarship winners were among the 180-plus students in attendance at the Opening



Left to right, Jolene Birney, Cynthia Miltenburg, Pam Knake, Jessica Evoniuk and Maggie Hoenig.

Session of the Charlotte meeting. The AABP and the Scholarship Committee wish to offer the heartiest of congratulations to this group of deserving students.



Left to right: Nick Patterson, Chance Armstrong, Laurie Page, Cynthia May and Craig Zimmerly.



Left to right: Natalie Ward, Justin Powell, Suzanne Stachnik, Estella Hovland and Lacy Wright.

AABP Amstutz Scholarship Gold Level Donor Recognition

During the Opening Session the AABP Amstutz Scholarship Committee and AABP recognized nine new Gold Level scholarship fund donors. The Gold Level Donor recognition identifies individuals who have contributed at least \$1000.00 to the scholarship fund.

Recognition includes the awarding of a unique 10K gold lapel pin with the AABP logo in the center surrounded by a black band with the words AABP Amstutz Scholarship Donor. Seven new Gold Level Donors were recognized at the 2008 meeting. They are:

Dr. Richard Meiring Dr. Sheila McGuirk

Dr. Norman Galle Dr. Fred Gingrich Dr. Reilly Glore Dr. Glenn Rogers

Dr. Ronald Gill

With the addition of these seven, AABP has now recognized a total of 42 Gold Level Donors. AABP and the Scholarship Committee wish to express our deepest gratitude to the generous donations of our members, and especially those recognized as Gold Donors.

The AABP Amstutz scholarship program was established over 12 years ago to help support the education of worthy veterinary students who are interested in bovine medicine. AABP wants to identify all Gold Level qualifying members as well as encourage new contribu-

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tors to this support milestone. If you would like to make a contribution to the AABP Amstutz Scholarship Fund please contact the AABP office.

Members of the AABP Scholarship Committee for 2008 were: Dr. Art Donovan (Vice-chair and BOD representative to the committee), Dr. Harold Amstutz, Dr. Hilda Mitchell, Dr. Bill Burdett, Dr. Mark Fox, Dr. David Hamilton, and Dr. Dan Grooms (Chair).

Gold Level Donors



Dr. Norman Galle, Gold Level Donor, with Dr. Harold Amstutz, left, and Dr. Dan Grooms.



Dr. Glenn Rogers, Gold Level Donor, with Dr. Harold Amstutz, left, and Dr. Dan Grooms.



Dr. Rich Meiring, Gold Level Donor, with Dr. Harold Amstutz, left, and Dr. Dan Grooms.



Dr. Fred Gingrich, Gold Level Donor, with Dr. Harold Amstutz, left, and Dr. Dan Grooms.



Dr. Sheila McGuirk, Gold Level Donor, with Dr. Harold Amstutz, left, and Dr. Dan Grooms.

4th Non-Veterinary Honorary Member of AABP Named



Dr. Pat Gorden, right, presented the fourth Honorary Member Award for a non-AABP member to Dr. Leo Timms.

Dr. Pat Gorden described the award winner.

"Today I have the opportunity to introduce to you the newest member of our organization, who will join us as the fourth non-veterinarian to be accepted as an Honorary Member of AABP.

Our newest member was born in 1956 in Scranton PA, the youngest of four children. He became interested in dairy farming while working on his oldest sister and her husband's farm in rural Pennsylvania during high school, and for one year after high school graduation.

In 1975, he attended Cornell University in Ithaca, NY, receiving his bachelor's degree in 1979. After graduation, he went to work as a herdsman on a dairy farm near Eden NY. There he was encouraged by the local veterinarian, Dr Harry Russell, to further this education.

In 1980, he enrolled in the graduate program at the University of Wisconsin-Madison and became the last graduate student of Dr L.H. Schultz. Under the tutelage of Dr. Schultz, he completed his Masters and PhD degrees in 1984.

While at Wisconsin, he will tell you he achieved three of the five greatest achievements in his life by marrying his wife Deb, and having their first two children, Rob and Sam. Later, they were blessed with two more children, Sadie and Josh, now 12 and 10.

In November 1984 he started working for the Iowa

State University Department of Animal Science with a 100% dairy extension appointment, later receiving additional duties in teaching and research. In 1985, he introduced production medicine to the College of Veterinary Medicine by teaching the first production medicine classes offered by the college in any species. As the success of that program became evident, the beef and swine groups soon joined in leading to one of the country's most comprehensive production medicine offerings. We estimate he probably has tutored 400 veterinary students in dairy production medicine, which is not bad when you consider the number of food animal veterinarians that are graduating from the country's veterinary schools. He was recently recognized for his contributions to veterinary medicine at Iowa State by receiving a partial appointment to the faculty at ISU's College of Veterinary Medicine. Deb tells me he especially enjoys the friendships and mentoring relationships he has made with his students over the years, like veterinarians Kent Pulfer who currently manages a dairy in Nebraska, Mark Kirkpatrick with Pfizer Animal Health, King Hickman, a dairy nutrition consultant in northwestern Iowa, Angela Daniels and Ryan Royer, dairy practitioners in Dalhart, Texas, and Danelle Bickett-Weddle with the Center for Food Safety and Public Health at ISU's College of Veterinary Medicine. Others, like Jenny Butler-Steven, have gone on to medical school and many others too numerous to mention have returned to their home dairies or to work in the dairy, animal health or food safety industries.

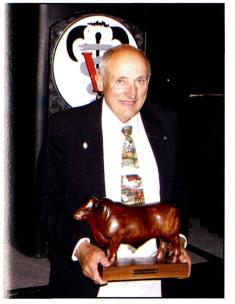
For those of you who have communicated with this individual via email, I'm sure you have noticed the message at the bottom of every email message that he sends that states "The greatest reward for teaching is experiencing the stimulation of the great minds of students!"

While ISU has kept him busy on the career front our new member is been very active in the Ames Town and Country Kiwanis, in his church and in his children's lives by leading Boy Scout dens and coaching baseball and soccer. Last year, he was recognized for his contributions by being named the Iowa Recreational Soccer Coach of the Year.

Before I step away from the podium, I would like to thank Dr. Riddell and the AABP Board of Directors for making this happen, and to Drs. Danelle Bickett-Weddle, Andy Johnson, Loren Will, John Schnakel, Bill Seglar and to his family for supplying the supporting materials.

Please join me in welcoming a man that everyone knows as Leo to our organization, Dr. Leo Timms."

Amstutz-Williams Award



Dr. Sam Hutchins III, retiring after 38 years as the AABP Exhibits Manager, received the prestigious 2008 Amstutz-Williams Award.

The award winner was introduced by Dr. Harold Amstutz.

"The Amstutz-Williams Award was established in 1986 in honor of our long time editor Eric

Williams and Harold Amstutz, and is the highest honor that can bestowed by the American Association of Bovine Practitioners. It is only awarded when a highly qualified individual is nominated and selected for outstanding service to the veterinary profession. To date recipients of the award have been Eric Williams, Harold Amstutz, Leland Allenstein, Mathaeus Stober, Elmer Woeffler, Ben Harrington, Otto Radostits, Don Williams, James Jarrett and John Noordsy.

Recipients of our awards are usually not positively identified and named until the end of the presentation, but today's recipient will be identified by almost all of you as soon as I begin describing what he has done for us that I might as well inform you now that the 2008 Amstutz-Wil-

11th Honorary Member of AABP Named

"Good Evening. It's my honor tonight to make this presentation to Dr. Sam Hutchins. Sam has been AABP's exhibits manager for 38 or 39 years. Few people have had as much impact on the AABP as Sam. There is a debate as to whether it's 38 or 39 years because it's been a long time since he began his service. Besides Sam and Dr Amstutz, how many in the audience were present at this meeting 38 or 39 years ago (2 people stood up). Sam to me is like Brett Farve, a living legend, and sometimes I feel like Aaron Rodgers as I am supposed to take Sam's place. I'm just hoping Sam doesn't come out of retirement. As Dr. Hutchins comes to the podium, help me congratulate him in his retirement, and as the winner of the prestigious Amstutz-Williams Award." liams Award recipient is Dr. Samuel Hutchins III, who has been our Exhibits Manager for 38 years.

Although Sam is the official recipient of the award it is only appropriate to mention and give credit to his wife Margaret, who for many years has been his valuable assistant during the preconvention planning period and during the convention. We thank you Margaret for all that you have done for us.

Sam you have truly fulfilled the qualifications for the Amstutz-Williams Award by providing outstanding service to the American Association of Bovine Practitioners through developing a great exhibitor program for our Annual Convention and two World Association for Buiatrics Meetings. The exhibitors have provided information and education of new products to the convention attendees, and financial assistance (totaling over \$1,000,000 in the past five years) to the AABP through booth rental payments to support convention expenses during the past 38 years.

It is widely recognized and appreciated by the AABP leaders and membership that the strong exhibitor program at our conventions has contributed much to the popularity and great attendance at our meetings.

It was my pleasure to work with Sam for 26 years and observe his Herculean efforts in recruiting exhibitors and operating a great exhibitor program each year during conventions held in the United States and Canada, and I am grateful for the opportunity.

Sam we thank you for 38 years of dedicated service to the American Association of Bovine Practitioners and wish you and Margaret much happiness in retirement. Help me congratulate our most recent recipient of the Amstutz-Williams Award, Dr. Sam Hutchins."



Dr. Sam Hutchins III, left, is given the Honorary Member Award by Dr. Charlie Hatcher, who is replacing Dr. Hutchins as the AABP Exhibits Manager.

K-State Beef Cattle Institute Holds Second Alumni Reception in 2008

The Beef Cattle Institute at Kansas State University hosted its second AABP KSU CVM alumni reception in Charlotte, NC. Nearly 70 KSU CVM alumni, faculty, former faculty and students participated in the event. Introductions and comments were made by Dr. Ralph Richardson, Dean at KSU, and KSU bovine faculty. Dr. Bob Smith was awarded the 2008 Beef Cattle Veterinarian of the Year from Kansas State University's Beef Cattle Institute. This event is planned to continue annually on Friday evenings at all upcoming AABP conferences.



Dean Ralph Richardson prepares to cut his birthday cake at the reception.



Dr. Bob Smith, right, receives the Beef Cattle Veterinarian of the Year Award from the K-State Beef Cattle Institute. Presenting the award is Dr. Bob Larson.



Dr. Mike Apley presents Certificates of Appreciation to representatives of (left to right) Bayer Animal Health, Alpharma Animal Health, Boehringer Ingelheim Animal Health and Novartis Animal Health for their support of the Kansas State University Beef Cattle Institute.

Photos courtesy of Geni Wren, Vance Publishing Company.

Welcoming Reception Wednesday, September 24, 2008

Charlotte, North Carolina

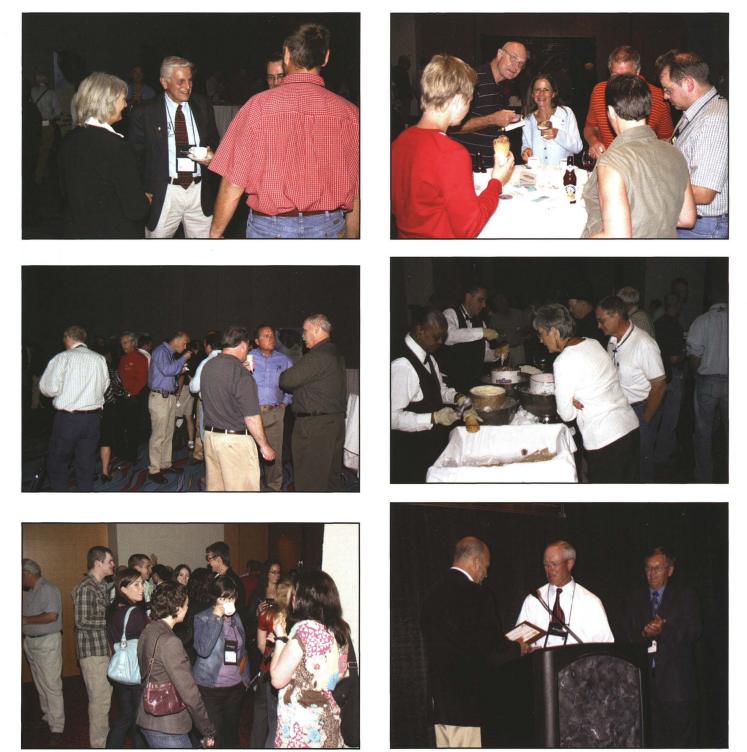
Sponsored by Bayer Animal Health, the welcoming reception for the 41st Annual AABP Conference was held as the official event to kick-off the week's activities. Members of the AABP Program Committee, local veterinarians, representatives from the Charlotte area and event planners were present to answer questions.





"Just Desserts" Reception Wednesday, September 24, 2008 Charlotte, North Carolina

Mountains of mouth-watering, enticing desserts, compliments of **Merial**, were served after the Welcoming Reception on Wednesday evening. This event provided further opportunity to continue the feast and fellowship well into the evening. Thanks to **Merial** for sponsoring the event.



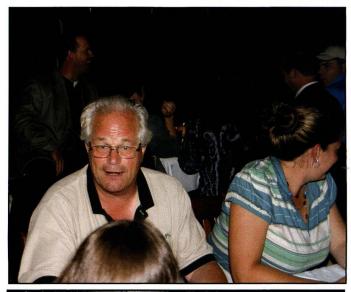
AABP Student Reception

Thursday, September 25, 2008 Charlotte, North Carolina

For the 14th year, the AABP and **Elanco Animal Health** hosted a reception for all student AABP members at the Annual Conference.



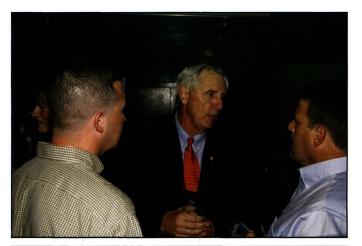
























AABP's Wine and Cheese Reception Friday, September 26, 2008 Charlotte, North Carolina

On Friday evening, AABP members had the opportunity to join friends for refreshments and conversation before heading off to dinner. Thanks to **Pfizer Animal Health** for hosting this memorable evening.













Coming Together for Southern Hospitality Charlotte, North Carolina Saturday, September 27, 2008

Thanks to **Intervet/Schering-Plough Animal Health** for sponsoring this memorable evening. This function offered attendees an opportunity to relax and visit after a busy week of continuing education.













Exhibits













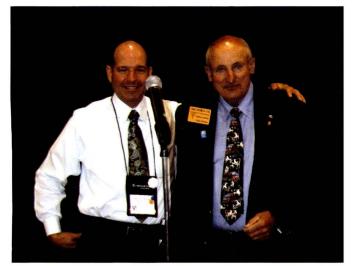












Retiring Exhibits Manager Sam Hutchins III, right, with his replacement, Dr. Charlie Hatcher.

Scientific Meetings

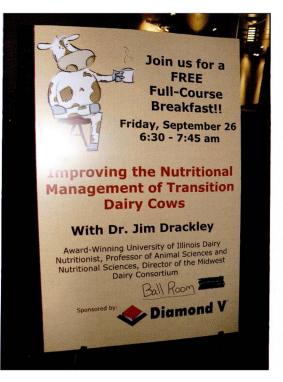




















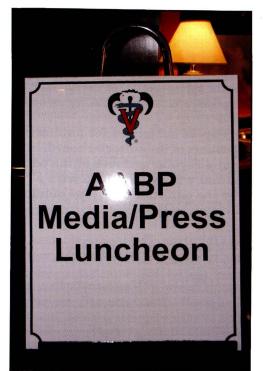








Media Luncheon













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Two issues of *The Bovine Practitioner* are published annually, one in the spring and one in the summer. It also serves as a communication medium between bovine practitioner organizations around the world. All manuscripts and communications must be presented in English.

Most articles in the journal are peer-reviewed or refereed. Papers submitted for publication in the peer-reviewed section are anonymously reviewed by three members of the editorial board. In some cases, papers may be reviewed by an outside expert(s) who is not a regular member of the editorial board. Papers published in the peer-reviewed section of the journal will be identified with a "Peer-Reviewed" banner at the top of the first page. Papers rejected by the editorial board for publication as peer-reviewed articles do not automatically qualify for publication in the non-peer-reviewed sections.

Articles published in *The Bovine Practitioner* are intended to address the needs of bovine practitioners. Types of articles considered appropriate for the journal include research reports, case reports, review articles, retrospective studies and articles describing new techniques.

All papers should begin with an abstract. Research reports should follow with an introduction, materials and methods (including experimental design and statistical analysis), results, discussion and conclusions. At the author's discretion, results and discussion may be combined.

Case reports should be written to include an introduction, history, clinical findings, appropriate laboratory data, surgical/therapeutic management, discussion and conclusions.

Review articles covering topics important to the practitioner are welcome. They should address more recent advances and bring the reader cutting edge information related to bovine practice or to beef or dairy production.

Papers reporting retrospective studies should include an introduction, clinical implications or objectives of the study, the methodology used to evaluate the data, a section that details the significance of the findings to the practitioner and conclusions.

Two manuscripts and a diskette or CD should be submitted to the editor through the mail or via a parcel delivery service. Manuscripts should be double-spaced, using 12-point Times type and 1-inch margins. Both lines and pages should be numbered. When possible Microsoft Word should be used.

Figures, tables and photographs are welcome. Figures should be numbered on the back: legends for figures should be submitted on a separate sheet of paper. Photographs can be submitted as digital images or prints; prints are preferred over 2x2 slides.

English units of measure should be used for weights, measures and temperature. If the author desires, it is acceptable to follow English units with metric units in parenthesis, i.e....440 lb (200 kg) steer had a rectal temperature of 101.5° F (38.6°C). When the use of brand names is necessary, they should be listed in footnotes or endnotes, including the name of product, manufacturer, and manufacturer's city and state.

References to literature cited in the paper must be identified in the text by the use of superscripts. References should be listed in **alphabetical order**. Suggested style for citations in the reference section is as follows:

 Allen WM, Sansom BF: Parturient paresis (milk fever) and hypocalcemia (cows, ewes, and goats), in Howard JL (ed): *Current Veterinary Therapy III. Food Animal Practice*. Philadelphia, WB Saunders Co, 1993, pp 304-308.
Barth AD, Cates WF, Harland RJ: The effect of body fat and loss of fat on breeding soundness classification of beef bulls. *Can Vet J* 36:758-764, 1995.

3. Nutrient Requirements of Beef Cattle, ed 7. Washington DC, National Academy Press, 1996.

4. Syvrud R: Vaccination for bovine respiratory syncytial virus: Benefits for both cow/calf and feedlot cattle. *Proc Am Assoc Bov Prac* 21:204-206, 1989.

All correspondence and manuscripts should be addressed to:

The Bovine Practitioner Dr. Bob Smith, Editor 3404 Live Oak Lane Stillwater, OK 74075 405-372-8666 Office 405-743-8422 Fax

Rev 04/07

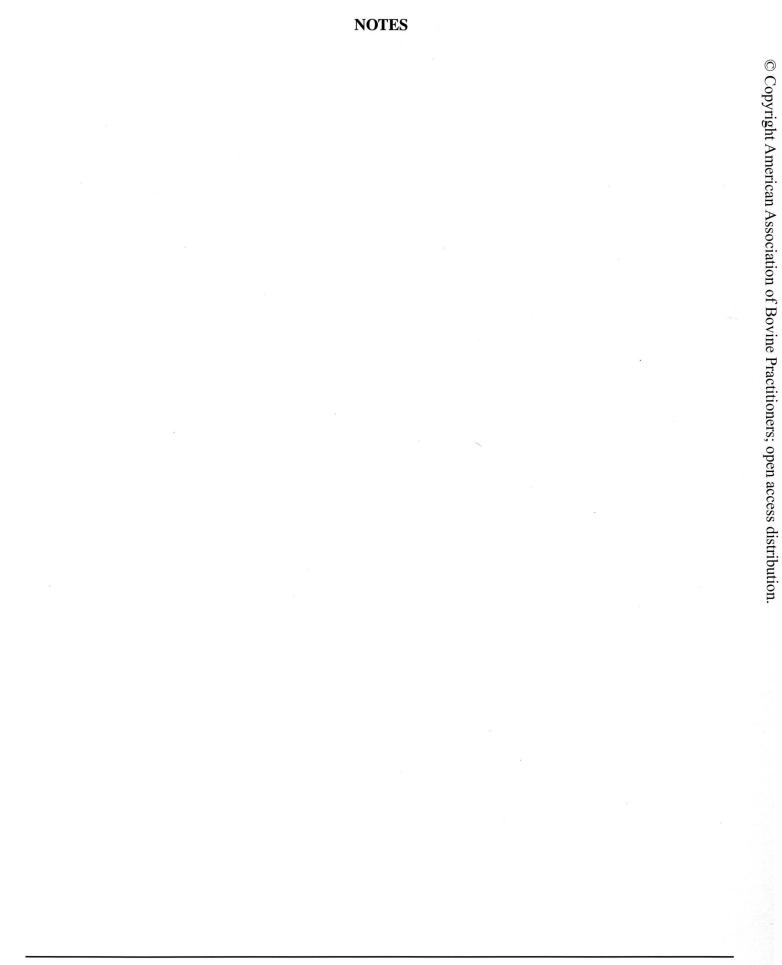
American Association of Bovine Practitioners

Prudent Drug Usage Guidelines

The production of safe and wholesome animal products for human consumption is a primary goal of members of the AABP. In reaching that goal, the AABP is committed to the practice of preventive immune system management through the use of vaccines, parasiticides, stress reduction and proper nutritional management. The AABP recognizes that proper and timely management practices can reduce the incidence of disease and therefore reduce the need for antimicrobials; however, antimicrobials remain a necessary tool to manage infectious disease in beef and dairy herds. In order to reduce animal pain and suffering, to protect the economic livelihood of beef and dairy producers, to ensure the continued production of foods of animal origin, and to minimize the shedding of zoonotic bacteria into the environment and potentially the food chain, prudent use of antimicrobials is encouraged. Following are general guidelines for the prudent therapeutic use of antimicrobials in beef and dairy cattle.

- 1. The veterinarian's primary responsibility to the client is to help design management, immunization, housing and nutritional programs that will reduce the incidence of disease and the need for antimicrobials.
- 2. Antimicrobials should be used only within the confines of a valid veterinarian-client-patient relationship; this includes both dispensing and issuance of prescriptions.
- 3. Veterinarians should properly select and use antimicrobial drugs.
 - a. Veterinarians should participate in continuing education programs that include therapeutics and emerging and/or development of antimicrobial resistance.
 - b. The veterinarian should have strong clinical evidence of the identity of the pathogen causing the disease, based upon clinical signs, history, necropsy examination, laboratory data and past experience.
 - c. The antimicrobial selected should be appropriate for the target organism and should be administered at a dosage and route that are likely to achieve effective levels in the target organ.
 - d. Product choices and regimens should be based on available laboratory and package insert information, additional data in the literature, and consideration of the pharmacokinetics and pharmacodynamics of the drug.
 - e. Antimicrobials should be used with specific clinical outcome(s) in mind, such as fever reduction, return of mastitic milk to normal, or to reduce shedding, contagion and recurrence of disease.
 - f. Periodically monitor herd pathogen susceptibility and therapeutic response, especially for routine therapy such as dry cow intramammary antibiotics, to detect changes in microbial susceptibility and to evaluate antimicrobial selections.
 - g. Use products that have the narrowest spectrum of activity and known efficacy *in vivo* against the pathogen causing the disease problem.
 - h. Antimicrobials should be used at a dosage appropriate for the condition treated for as short a period of time as reasonable, i.e., therapy should be discontinued when it is apparent that the immune system can manage the disease, reduce pathogen shedding and minimize recurrence of clinical disease or development of the carrier state.
 - i. Antimicrobials of lesser importance in human medicine should be used in preference to newer generation drugs that may be in the same class as drugs currently used in humans if this can be achieved while protecting the health and safety of the animals.
 - j. Antimicrobials labeled for use for treating the condition diagnosed should be used whenever possible. The label, dose, route, frequency and duration should be followed whenever possible.
 - k. Antimicrobials should be used extra-label only within the provisions contained within AMDUCA regulations.
 - 1. Compounding of antimicrobial formulations should be avoided.
 - m. When appropriate, local therapy is preferred over systemic therapy.
 - n. Treatment of chronic cases or those with a poor chance of recovery should be avoided. Chronic cases should be removed or isolated from the remainder of the herd.
 - o. Combination antimicrobial therapy should be discouraged unless there is information to show an increase in efficacy or suppression of resistance development for the target organism.
 - p. Prophylactic or metaphylactic use of antimicrobials should be based on a group, source or production unit evaluation rather than being utilized as standard practice.
 - q. Drug integrity should be protected through proper handling, storage and observation of the expiration date.
- 4. Veterinarians should endeavor to ensure proper on-farm drug use.
 - a. Prescription or dispensed drug quantities should be appropriate to the production-unit size and expected need so that stockpiling of antimicrobials on the farm is avoided.
 - b. The veterinarian should train farm personnel who use antimicrobials on indications, dosages, withdrawal times, route of administration, injection site precautions, storage, handling, record keeping and accurate diagnosis of common diseases. The veterinarian should ensure that labels are accurate to instruct farm personnel on the correct use of antimicrobials.
 - c. Veterinarians are encouraged to provide written guidelines to clients whenever possible to describe conditions and instructions for antimicrobial use on the farm or unit.







Injectable Solution

Antibiotic 100 mg of tulathromycin/mL

For subcutaneous injection in beef and non-lactating dairy cattle and intramuscular injection in swine only. Not for use in female dairy cattle 20 months of age or older or in calves to be processed for veal.

CAUTION

Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian

INDICATIONS

INDICATIONS Beef and Non-lactating Dairy Cattle BRD – DRAXXIN Injectable Solution is indicated for the treatment of bovine respiratory disease (BRD) associated with Mannheimia haemolytica, Pasteurella multocida, Histophilus somni, and Mycoplasma bovis; and for the control of respiratory disease in cattle at high risk of developing BRD associated with Mannheimia haemolytica, Pasteurella multocida, Histophilus somni, and Mycoplasma bovis.

IBK-DRAXXIN Injectable Solution is indicated for the treatment of in-fectious bovine keratoconjunctivitis (IBK) associated with Moraxella bovis.

Foot Rot – DRAXXIN Injectable Solution is indicated for the treatment of bovine foot rot (interdigital necrobacillosis) associated with Fusobacterium necrophorum and Porphyromonas levii.

Swine DRAXXIN Injectable Solution is indicated for the treatment of swine respiratory disease (SRD) associated with Actinobacillus pleuropneumoniae, Pasteurella multocida, Bordetella bronchiseptica, Haemophilus parasuis, and Mycoplasma hycopneumoniae.

DOSAGE AND ADMINISTRATION Cattle

Inject subcutaneously as a single dose in the neck at a dosage of 2.5 mg/kg (1.1 mL/100 lb) body weight (BW). Do not inject more than 10 mL per injection site.

Inject intramuscularly as a single dose in the neck at a dosage of $2.5~{\rm mg/kg}~(0.25~{\rm mL/22}~{\rm lb})~{\rm BW}.$ Do not inject more than 2.5 mL per injection site.

CONTRAINDICATIONS The use of DRAXXIN Injectable Solution is contraindicated in animals previously found to be hypersensitive to the drug.

WARNINGS

WARNINGS FOR USE IN ANIMALS ONLY. NOT FOR HUMAN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR USE IN CHICKENS OR TURKEYS.

RESIDUE WARNINGS

Cattle Cattle intended for human consumption must not be slaughtered within 18 days from the last treatment. Do not use in female dairy cattle 20 months of age or older. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

Swine Swine intended for human consumption must not be slaughtered within 5 days from the last treatment.

PRECAUTIONS

Cattle

The effects of DRAXXIN on bovine reproductive performance, pregnancy, and lactation have not been determined. Subcutaneous injection can cause a transient local tissue reaction that may result in trim loss of edible tissue at slaughter.

Swine

The effects of DRAXXIN on porcine reproductive performance, pregnancy, and lactation have not been determined. Intramuscular injection can cause a transient local tissue reaction that may result in trim loss of edible tissue at slaughter.

ADVERSE REACTIONS

Cattle In one field study, two calves treated with DRAXXIN at 2.5 mg/kg BW exhibited transient hypersalivation. One of these calves also exhibited transient dyspnea, which may have been related to pneumonia.

Swine

In one field study, one out of 40 pigs treated with DRAXXIN at 2.5 mg/kg BW exhibited mild salivation that resolved in less than four hours.

STORAGE CONDITIONS Store at or below 25°C (77°F).

HOW SUPPLIED

DRAXXIN Injectable Solution is available in the following package sizes: 50 mL vial, 100 mL vial, 250 mL vial, 500 mL vial

U.S. Patents: See US 6,329,345; US 6,420,536; US 6,514,945; US 6,583,274; US 6,777,393 NADA 141-244, Approved by FDA

Distributed by: Pfizer **Pfizer Animal Health**

Division of Pfizer Inc, NY, NY 10017 To report a suspected adverse reaction call **1-800-366-5288**. To request a material safety data sheet call **1-800-733-5500**.

For additional DRAXXIN product information call 1-888-DRAXXIN or go to www.DRAXXIN.com

TAKE OBSERVE LABEL DIRECTIONS

Made in France.

79-9949-00-3 June 2008 87 1207 2

Your customers put a lot into keeping their cows in milk.

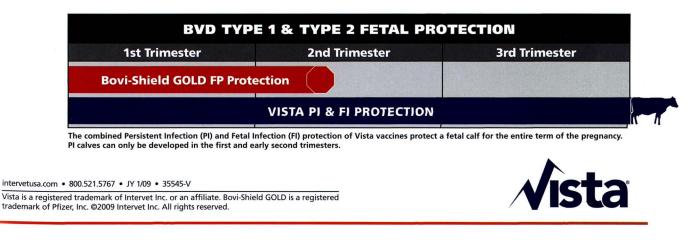


Make sure they're getting a lot out.

Trust the proven full-pregnancy BVD protection of Vista[®] vaccines to keep more cows in milk.

With all the hard work that goes into keeping every cow producing, don't trust BVD protection that doesn't cover the entire pregnancy. For maximum BVD protection and maximum production, trust Vista[®] vaccines — for the only full-term BVD Type I and Type 2 Fetal Protection, with both Persistent Infection and Fetal Infection protection.

Talk to your Intervet/Schering-Plough Animal Health sales representative or your animal health supplier about incorporating the full-term BVD protection of Vista vaccines into your recommended pre-breeding vaccination protocol.







YOU FEED THEM, NURTURE THEM AND PROVIDE THEM WITH SHELTER. UNLIKE YOUR KIDS, EVENTUALLY THEY'LL PAY YOU BACK.

The value a calf returns to you over her productive lifetime is perhaps the most compelling reason to consider the value of using DRAXXIN[®] (*tulathromycin*) Injectable Solution, DRAXXIN offers superior first-treatment results against pneumonia versus Baytril^{®1} or Nuflor.^{®2} And it's the only anti-infective labeled to treat all four bacteria associated with pneumonia in calves—including *Mycoplasma bovis*. For more information, talk to your veterinarian, Pfizer Animal Health representative or visit draxxin.com. **Her lifetime potential makes a difference.**

Do not use in female dairy cattle 20 months of age or older. Do not use in calves to be processed for veal. A pre-slaughter withdrawal time has not been determined for pre-ruminating calves. Effects on reproductive performance, pregnancy and lactation have not been determined. DRAXXIN has a pre-slaughter withdrawal time of 18 days.

Dairy Wellness Makes a Difference-



Pfizer Animal Health



Data on file, Studies 1133R-60-05-491, 1133R-60-05-492 and 1133R-60-05-493, Pfizer Inc. Length to close of study: Colorado=63 days; Texas I=59 days; Texas II=58 days.
Data on file, Studies 2132T-60-01-050, 1133R-60-02-373, 1133R-60-02-376, 1133R-60-03-389 and 1133R-60-03-390, Pfizer Inc. Length to close of study: Colorado=173-175 days; Nebraska=316-317 days; Nebraska II=60-61 days; Nebraska III=57-61 days.

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Full product information can be found on page xl.