UK Maine Chance Equine Campus Facility to be Renamed Walter W. Zent Mare Reproductive Health Facility

by Jenny Evans

The University of Kentucky Board of Trustees recently approved the official naming of a research facility at UK’s Maine Chance Equine Campus as the Dr. Walter W. Zent Mare Reproductive Health Facility to honor Zent, DVM, Dipl. ACT (hon.), a veterinarian and former partner at Hagyard Equine Medical Institute, in Lexington, Ky. Zent served on the Gluck Equine Research Foundation’s Board of Directors from 2000 to 2012 and as chair from 2006 to 2012.

“The college is honored to have Walter Zent’s name on this research facility. Walter is a successful veterinarian who has not only used research information from the Gluck Equine Research Center but has contributed to the research,” said Nancy Cox, PhD, associate dean for research in UK’s College of Agriculture, Food and Environment, Kentucky Agricultural Experiment Station director and administrative leader for UK’s Ag Equine Programs. “He is a top-notch field veterinarian and a respected contributor to new research-based practices. Not only that, he has been a supporter of the UK’s Department of Veterinary Science for many decades including a distinguished leader of the Gluck Foundation Board of Directors.”

As the Gluck Equine Research Foundation chair, Zent saw a strong need for increased research in equine reproductive health and a first-class research program with excellent facilities. He helped obtain $600,000 in private donations, which were matched by the state, for remodeling UK’s Equine Reproductive Health Facilities. He and his wife, June Zent, donated to the facilities as well.

“Dr. Zent served the Gluck Equine Research Foundation during a time that saw a change in leadership, expansion of research facilities at Maine Chance Equine Campus as well as financial challenges during the global downturn of the economy,” said Mats Troedsson, DVM, PhD, Dipl. ACT, director of the Gluck Equine Research Center and chair of the UK’s Department of Veterinary Science. “His long-standing association with the Gluck Center, combined with a true passion for advances in equine veterinary medicine and science, made him uniquely suited to lead the Gluck Foundation.”

Nominating Committee Notice

On behalf of the KVMA Nominating Committee, we would like to present the candidates for consideration by the membership of the association at the 2013 Mid America Convention in Louisville, Ky. At this time, we would respectfully submit Dr. Alice Mills for the office of Vice President and Dr. Summer Buckner for the office of Secretary-Treasurer of the KVMA.

Dr. Stuart E. Brown, II, Chair
Please Join KVMA in Thanking Our Mid-America Sponsors...

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Dear Colleagues,

The summer is ending, the kids are back in school and it is getting closer to the Mid-America Conference. What a great time of year! We are very excited about our program this year with timely topics, fantastic speakers, a dental wet lab and tons of fun. Register now and bring the whole family to downtown Louisville, September 27-29, 2013. Saturday evening features “Las Vegas Comes to Louisville”. This will be a fun-filled night of gaming for adults and activities for children.

We are continuing to visit our constituent groups throughout the state in a focus group setting. The feedback we have received will help us continue to serve the veterinary community and improve our association. If you have been part of this, thank you for your time and input.

On the legislative front, please help ensure that veterinarians can provide complete care to their animal patients.

U.S. Senators Jerry Moran (R-Kansas) and Angus King (I-Maine) introduced the Veterinary Medicine Mobility Act, S. 1171. This bipartisan legislation will allow veterinarians to legally carry and dispense controlled substances to protect the health and welfare of the nation’s animals, ensure public safety, and safeguard the nation’s food supply. Veterinarians and U.S. Reps. Kurt Schrader (D-Ore.) and Ted Yoho (R-Fla.) introduced companion legislation, H.R. 1528 and we asked you to contact your Representatives to voice your support for this issue. More than 21,000 of you took action. We need your support again. Tell your U.S. Senators TODAY that veterinarians must be able to legally carry and use controlled substances for the health and welfare of the nation’s animals, to safeguard public safety and to protect the nation’s food supply. Support S.1171, the Veterinary Medicine Mobility Act, NOW.

Our first annual sporting clay shoot was a huge success. The setting at Elk Creek Vineyards was beautiful. Everyone had a fantastic time shooting the clays and the breeze! Thank you for your participation, this raised over $5,000 for our Foundation.

This is my last letter as President since Dr. Mark Smith will become your President at the Mid-America meeting. It has been an honor and pleasure serving you. I intend to stay active in the KVMA and help bring our students and young veterinarians into an active role in organized veterinary medicine. I fully anticipate that the focus groups will give us the feedback we need to keep this organization moving forward. This cannot happen without an active membership. Please, help us help the veterinarians of Kentucky.

Sincerely,

Deborah Spike-Pierce, DVM
KVMA President

In Errata:
In the summer issue of the KVMA News, page 3, Dr. Abdulla Eljack’s correct title should be: Chair, Department of Biomedical Sciences, and Director of Admission. We apologize for this error.
Dr. Clark K. Fobian of Sedalia, Missouri becomes AVMA President

Dr. Clark K. Fobian of Sedalia, Mo., begins a one-year term as president of the American Veterinary Medical Association (AVMA) by pledging to bring the association members together.

“The AVMA has been in existence for 150 years and from any studied perspective is needed more by this profession today than at any other time in our past,” Dr. Fobian told the AVMA House of Delegates during the first day of its two-day meeting held July 18-19 in Chicago. “We currently have a convergence of events relating to education, compensation, competition, employment, technology, diversity and culture like none other in the past. The needs are intense and the AVMA has the capabilities and the capacity to make a difference. We have to, once again as we have numerous times in our past, deliver, by whatever means, the value of the AVMA to all the participants in our profession—a profession that offers a perspective and service that none other replicates.”

Dr. Fobian, a University of Missouri-Columbia alum, was elected AVMA president-elect during the AVMA’s House of Delegates meeting last July in San Diego, Calif., during the AVMA’s Annual Convention. His term as president of the AVMA is a crowning achievement in a long and distinguished career as a veterinarian and a volunteer leader. Dr. Fobian has approximately 30 years of experience as a mixed and small animal veterinarian. He grew up in Kirkwood, Mo., a suburb of St. Louis, and attended the University of Missouri-Columbia, obtaining a Bachelor of Science in wildlife biology in 1972 and his Doctor of Veterinary Medicine degree in 1977.

He worked as an associate veterinarian in mixed animal practice for four years in Nevada and Marshall, Mo. before starting his own small animal practice in Sedalia, Mo. in 1981, where he continues to practice today. Through this time he has expanded his business from a solo practice to a four person practice, building a new clinic facility in 1996.

In 2006, Dr. Fobian was elected to the Executive Board of the AVMA, which oversees an association with more than 84,000 members. He has also served as chairman of the American Veterinary Medical Foundation (AVMF), which oversees the charitable arm of the AVMA. Dr. Fobian has been very active in the Missouri Veterinary Medical Association, serving as vice-president, president-elect, president and chairman of the board.

He has been married to his wife Rita for thirty-nine years. They have two grown children, Kerri and Todd, as well as three grandchildren, Eli, Liam and Maisy.

For more information about the AVMA, please visit www.avma.org.

In Memoriam

Russell V. Skinner, DVM

Russell V. Skinner, 91, of Mt. Sterling died Monday, July 22, 2013. He was a WW II veteran and a graduate of the University of Kentucky and the Auburn University College of Veterinary Medicine. He served Montgomery and surrounding counties as a Veterinarian for over 50 years and was a member of the First Christian Church. He is survived by his wife of 64 years, Jean R. Skinner, son, Russell Lee (Dixie) Skinner and two granddaughters, Anna Claire Skinner and Mary Ellen Skinner. Funeral 11am, Thursday at First Christian Church with burial following in Machpelah Cemetery. Visit Wed 5-8pm at the First Christian Church. In lieu of flowers donations suggested to First Christian Church, 222 W. Main St., Mt. Sterling, KY 40353. Taul Funeral Homes in charge of arrangements.

Read more here: http://www.legacy.com/obituaries/kentucky/obituary.aspx?n=russell-skinner&pid=165996604&thid=25103#storylink=cpy
Zent’s connection to UK’s Department of Veterinary Science spans four decades. He graduated from Cornell University’s School of Veterinary Medicine in 1963. After completing a one-year internship at Purdue University, he spent two years at UK’s Department of Veterinary Science investigating infectious disease outbreaks and pathology with professors John T. Bryans, Elvis Roger Doll, and James R. Rooney. From 1966 to present, Zent has been an equine practitioner at Hagyard Equine Medical Institute.

“I can truly say that Walter is one of the most passionate people about the Gluck Center that I know. He has been a great advocate for the faculty and research coming out of the center,” said Ed Squires, PhD, Dipl. ACT (hon.), executive director of the Gluck Equine Research Foundation.

Zent is an active member and past officer of many professional equine veterinary organizations on the international, national, and state levels. He has made numerous national and international presentations, written several book chapters, and routinely contributes articles for publication as requested.

The Zents are involved as owners and breeders in the Thoroughbred horse industry and reside on their farm in Lexington.

A dedication ceremony will be held at 4 p.m. Oct. 15 at Maine Chance Equine Campus’ Barn 26, on Spindletop Way. The event is open to the public. An RSVP to the event can be sent to Jenny Evans at jenny.evans@uky.edu.

The Gluck Equine Research Foundation was formed as a nonprofit organization to provide the exchange of information between the Gluck Center and the horse industry and to secure funds for equine research, endowed faculty positions and facilities. The mission of the Gluck Center, a UK Ag Equine program, is scientific discovery, education and dissemination of knowledge for the benefit of the health and well-being of horses. The Gluck Center faculty conducts equine research in six targeted areas: genetics and genomics, infectious diseases and immunology, musculoskeletal science, parasitology, pharmacology/toxicology and reproductive health.

Jenny Evans, a MFA candidate, is the marketing and promotion specialist senior at the Gluck Equine Research Center.
The cost of veterinary care often carries with it a certain level of sticker shock for pet owners. But there are ways to help ease your clients’ financial pain. When it comes to preventive care, we can find ways to make sure pets stay healthy while also making it easier for pet owners to afford that care.

As we all know, dogs and cats are visiting the veterinarian less frequently, and their health status shows it. A recent report indicated that preventable and treatable health issues such as diabetes, dental disease, heartworm disease and flea infestations in both dogs and cats are on the rise. This problem is no doubt a source of great frustration to you and other veterinarians. But there is a promising solution that has solid appeal among many pet owners: Preventive healthcare plans.

A preventive healthcare plan is a comprehensive package of annual veterinary services aimed at keeping a pet healthy that includes a little extra pet-owner incentive that you can provide – the choice between a monthly payment plan or lump-sum payment. These plans typically include one or more complete physical exams for routine well care, essential vaccines, certain diagnostics such as heartworm tests and blood work, and internal parasite control.

While the use of preventive healthcare plans may represent a significant change in your business approach, it also pays dividends to everyone involved – you, the pet and the pet owner.

First, pets get better, more dependable care. Instead of the current hit-or-miss approach by many clients, pet owners commit to a program; pets get the care they need, when they need it. The frequency of visits also increases, so you have an opportunity to see pets more often and catch problems early.

We also can’t underestimate the importance of how much each of us likes a plan, and that includes pet owners. Monthly payments for preventive pet care can be worked into their household budget, eliminating the pain and strain associated with a “big ticket” hit to the pocketbook. Preventive pet healthcare plans spell out both the treatment plan and the payment plan.

Thirdly, preventive healthcare plans bond clients more closely to the practice. Because they have a plan and agree to pay for the year’s services, they are more diligent and conscientious about scheduling required services. A nice added bonus is that clients differentiate your practice as a more client-friendly business, willing to reach across the counter with a show of understanding and patience when it comes to paying that bill.

To some pet owners, it seems like there’s never a good time to squeeze a veterinary visit into their regular expenses, especially when they may feel that the service is somewhat discretionary. With a preventive healthcare plan, we can help change that, making it easier on pet owners and making it better for the pet.

Among the valuable practice tools available to you through Partners for Healthy Pets is guidance on the evaluation, selection, and implementation of preventive healthcare plans. These plans, as well as the other components of the Partners’ Practice Resources Toolbox, will help enhance both the overall vitality of pets and your veterinary practice.

So visit the Preventive Healthcare Plans tool today. You’ll find a helpful overview introducing you to the concept, as well as some pretty powerful testimonials from veterinarians just like you who have already implemented the plan and like the results. You’ll learn how to design a plan best suited for your individual practice, and our Preventive Healthcare Plan Implementation Manual will take you through a step-by-step process of setting up plans, integrating them into your practice, marketing them to clients and training your staff.

Partners for Healthy Pets is dedicated to ensuring that pets received the preventive healthcare they deserve through regular visits to a veterinarian and is committed to working with you to enhance the health of your patients and your practice. Learn more about Partners for Healthy Pets and explore the Resources Toolbox at www.partnersforhealthypets.org.
Dear Auburn VetMed Community:

I am extremely pleased to announce that Dr. Dan Givens has accepted the position of Associate Dean for Academic Affairs in the College of Veterinary Medicine, and will begin his appointment on Monday, August 19, 2013, the first day of fall semester.

Dr. Givens has served this college with great energy, enthusiasm, and effectiveness as the Interim Associate Dean for Academic Affairs since October 2012. In the interim role, he has brought exceptional expertise in teaching, administration, and mentorship to this crucial position in the College. Dr. Givens experienced nearly every level of the College's academic mission: veterinary student, clinical resident, clinician, classroom lecturer, board exam reviewer, problem solving moderator, rotation coordinator, course coordinator, honor court advisor, interim department head, and interim associate dean. In each of these roles, Dr. Givens has established the highest possible standards in teaching, advising, outreach, and research, and I am certain that he will direct the college's academic affairs at a level of national and international distinction.

I want to thank Dr. Ed Morrison and other members of the search committee—Drs. Dawn Boothe, Elaine Coleman, Betsy Welles, Paul Walz, Annette Smith, Misty Edmondson, Dan LaRocque, and Jarred Russell, and CVM c/o 2014 student Brad Venable—for conducting an excellent open search that brought three nationally recognized candidates to campus. I also want to thank Dr. Donna Angarano for establishing an exceptional program in academic affairs and for facilitating the transition in leadership.

Calvin M. Johnson, Dean
Auburn University, College of Veterinary Medicine

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Dr. Dennis A. Nelson, St. Petersburg, FL
Dr. Amanda L. Holaday, Dixie Animal Hospital, Louisville, KY
Dr. Laura K. Hoffman, Laura K. Stewart, DVM, Murray, KY
Dr. Andrea Johnson, SVLC, Lexington, KY
Dr. Katharine B. Lewis, Park Equine Hospital, Lexington, KY
Dr. Daniel B. Cummings, Southside Veterinary Clinic, Clarksville, TN
Dr. Casey E. Eckert, Animal Hospital of Nicholasville, Versailles, KY
Dr. Betty B. Thomas, Woodbower Farm, Bagdad, KY
Dr. Maria R. Schnobrich, Rood and Riddle Equine Hospital, Lexington, KY
Dr. Arielle N. Corbett, Jefferson Animal Hospital, Louisville, KY
Dr. Angela (Ange) Olt, Mill Creek Veterinary Center, Greensburg, KY
Dr. Lauren Cottingham Turley, Animal Medical Center, Sebree, KY
Dr. Grace Pawat, Harrison Veterinary Clinic, Minerva, KY
Dr. Hilary M. Carlisle, Allison Lane Animal Hospital, Jeffersonville, IN
Dr. Shawn A. Morrell, Rood and Riddle Equine Hospital, Lexington, KY
Dr. Nicholas A. Werle, Ted Cundiff, DVM, Beattyville, KY
Dr. Caleb Jenkin, Stone Veterinary Clinic, Sturgis, KY
Dr. Mason M Gauss, Shively Animal Clinic, Louisville, KY
Dr. Regan L. Greene, Regan Greene, DVM, Paris, KY
Dr. J. Andrew Clark, Springhurst Animal Hospital, Louisville, KY
Dr. Emily A. Humphries, Grants Lick Veterinary Hospital, Butler, KY
Dr. Karen P. Thomas, Barren River Animal Welfare Association, Bowling Green, KY
Dr. Jessica Harmon, Rood and Riddle Equine Hospital, Lexington, KY
If alcohol or drug dependency is a problem in your life or the life of a loved one or colleague, perhaps it’s time to talk with someone who understands and can help.

Voluntary and Confidential.

Sam Vaughn, DVM - (502)245-7863 or e-mail: aviansam@bellsouth.net
Roy Burns, DVM - (502)238-5333 or e-mail: roy.burns@louisvilleky.gov

Mark Your Calendar!

Upcoming Events

September 26-29, 2013 2013 American Association of Feline Practitioners (AAFP) Conference, Dallas, TX. Three tracks including Advanced, Generalist and Para-professional levels of feline medicine will be offered for a total of 21 CE hours for the general conference. There will also be a separate registration for the Pre-conference day and Lunch and Learn session, which includes another 5 CE hours. For more information on the conference, go to the AAFP website at http://www.catvets.com/professionals/education/conferences/?Id=480.

October 10-13, 2013, NCASAM Great Smokies Veterinary Conference. Asheville Renaissance Hotel, Asheville, NC. For more information visit www.ncasam.org

November 3, 2013 Emergency and Critical Care 10th Annual Conference; Tufts Cummings School of Veterinary Medicine in North Grafton, MA. 6 CME hours. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce

November 10, 2013 Updates on Soft Tissue Surgery; Tufts Cummings School of Veterinary Medicine in North Grafton, MA. 6 CME hours. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce

November 22-24, 2013 Mid-South Regional Veterinary Conference, Harrah’s Convention Center, Tunica, MS. 20 Hours of Continuing Education. For more information, contact Lee Hughes, Executive Director, Mid-South Veterinary Medical Association 901-754-1615 Lmhughes@bellsouth.net

December 1, 2013 Timely Topics in Internal Medicine, 15th Annual Conference; December 1, 2013, at Tufts Cummings School of Veterinary Medicine in North Grafton, MA. Course Director: Linda Ross, DVM, MS, DACVIM-SA Internal Medicine, Associate Professor, Small Animal Medicine, TCSVM; 6 CME hours. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce

January 25-26, 2014 15th Annual Technician Symposium; Tufts Cummings School of Veterinary Medicine in North Grafton, MA. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce

January 25-28, 2014 3rd Annual Technician Bootcamp; Tufts Cummings School of Veterinary Medicine in North Grafton, MA. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce

February 23, 2014 Neurology for Small Animal Practitioners; Tufts Cummings School of Veterinary Medicine in North Grafton, MA. 6 CME hours. Contact for more information: Office of Continuing Education 508-887-4723, vetCEinfo@tufts.edu, web site: www.tufts.edu/vet/ce


February 28 - March 2, 2014, 2014 Music City Veterinary Conference. Embassy Suites Hotel, Murfreesboro, TN CE Hours: 22 Contact: Mrs. Deloris Green Gaines Phone number: 931/438-0070 Email address:mailto:green.del0@gmail.com Web site: www.tvmanet.org
KVMA Minutes

KVMA Executive Board Meeting
KVMA Office - Frankfort, KY
May 16, 2013

Present at the meeting: Debbie Spike-Pierce (President); Mark Smith (President Elect); Vicky McGrath (Vice-President); Summer Buckner (Secretary/Treasurer); Jim Weber (AVMA Delegate); Steve Wills (AVMA Alternate Delegate); Jack Easley (KAEP); Jennifer Quammen (NKVMA); Robert Stout (KY State Veterinarian); Barb Lewis (KVTA Representative); Alice Mills (CKVMA); and Christopher Craig (SEKVMA); Louise Cook (Executive Director KVMA). Via phone conference: Jason Rodgers (JPVMA); Mary Proctor (RADR VMA); Emily Dawson (GLVMA)

The meeting was called to order at 1:09 PM, EST. Do not have a quorum at this time but will discuss what does not need a vote for at this time.

The Elk Creek Sporting Clay Shoot, Elk Creek Hunt Club, June 27, 2013, 9am-12pm was discussed. The shoot will be limited to 80 attendees. Sponsors include: Elanco Animal Health, Merial, and Henry-Schein Animal Health. Prizes will be awarded and non-veterinarians and family members are welcome.

Quorum reached at 1:14 PM.

Constituent Association Reports were made:

- Jackson Purchase VMA – Twin Lakes was held March 2013.
- Buffalo Trace VMA – 35th Annual Morehead Clinic Days is scheduled for June 1-2, 2013. Profits are used for veterinary technician scholarships.
- KVTA – Recent 3rd annual Spring Fling for Veterinary Technicians was held at the Louisville Zoo. The KVTA will have a poster contest at the Mid-America Veterinary Conference.
- Central KY VMA – A meeting is planned for June 2013.
- Northern KY VMA – A dermatology meeting was held in April, and tentative meeting scheduled in June 2013.
- KY Association of Equine Practitioners – A board meeting was held May 2013 and a fun outing at Legends Baseball Park is scheduled for June 01, 2013.
- RADR VMA – Meeting scheduled for August 2013.
- South Central KVMA – New incoming President is Matt Paxton and new KVMA representative is Adrian Price.

Minutes reviewed from February 21, 2013, meeting were accepted as presented.

Financial Report

2012 Audit Report - Moved, accepted and passed as amended.
Audit Report – Moved, seconded and passed to accept.
The 2013 Profit & Loss Report as of May 10, 2013, was presented and discussed as well as current bank accounts. Moved, seconded, and passed.

Legislative report

State - In Kentucky, veterinarians are unable to discuss privacy of records and report abuse. AVMA policy is not clearly defined if veterinarians should scan pets for microchips. Plan to discuss developing ad hoc committee to work with licensing board to make changes in Practice Act.

Federal – H.R. 1528 – Veterinary Medicine Mobility Act – Ask Constituent groups to write personalized letter in support of Veterinary Medicine Mobility Act to Congress. Letters can also be emailed to them directly from AVMA website.

S. 950 was introduced by Senators Moran & King same as H.R. 1528 – Ask membership to contact our senators to cosponsor.

H. R. 1518 – Prevent All Soring Tactics Act – 4/11/13, introduced by Representative Ed Whitfield – makes it illegal to sore or direct someone else to sore a horse.

Same Day race medicine administration for horses – summary – in Kentucky, race day medications must be given by a 3rd party, KY Racing Commission Veterinarian.

Auburn University CVM graduation – Consider having President Elect attend white coat and graduation ceremonies to have consistency with students. Currently, KVMA does not have a representative attend the Tuskegee University CVM graduation.

FDA Meeting in Bowling Green, KY, cosponsored by FDA and Veterinary Services was discussed. Meeting coordinators discussed: antimicrobial resistance, veterinary oversight, and veterinarians in antimicrobial use. Within three years, the FDA plans to have veterinary supervision monitoring antimicrobial use in animal feed. Veterinarians must maintain VCPR and medical records. The veterinarian's job is to provide services and protect public health.

Focus Group updates were presented.

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AVMA Report

Department of Education may be instituting changes regarding veterinary school accreditation.

Council on Veterinary Service - may change number of recent graduates and emerging leaders on the council.

Resolution 8 – Violative residues in foods of animal origin
Resolution 9 – Policy on safe handling of pet food and pet treats
Resolution 10 – Policy on complimentary, alternative and integrative veterinary medicine
Resolution 11 - Revised policy on paid media consultants
Resolution 12 – Admit American Veterinary Holistic Association as an allied group

Governance restructuring at AVMA continues.

Ted Kohn, Colorado, candidate for President-elect; Gary Brown, West Virginia, new Executive Board member; and Dr. Jennifer Quammen, Kentucky, candidate as Recent Graduate Representative on the Council on Veterinary Service (CoVS).

AVMA council website – “Can you hear me now?”, regarding animal welfare is now accepting applicants from varied backgrounds. A meeting is scheduled for November 2013.

AVMA Professional Liability Insurance Trust has an opening until 5/17/13.

KVMA Mid-America Veterinary Conference update was presented. Moderators for small animal and food animal sessions are needed.

2013 Heartland Veterinary Conference hosted by KVMA agenda was discussed.

Multiweb Website Advertising proposal was discussed, no action taken.

KY Proud Magazine Advertising Rates were discussed and moved to renew the ad for $1,370, seconded and passed. Updated ad will be submitted.

Centennial Oral History Collections were donated to Louie B. Nunn Center for Oral History, UK Libraries Special Collections and Digital Programs in February 2013. KVMA members can access these recordings via the internet

New member applications – were accepted as presented. Membership total 996.

NPI numbers for veterinarians – via answer from Kentucky Board of Pharmacy – not required if owner of the animal is paying cash but the individual pharmacy’s software may require an NPI number. In this instance, the pharmacy can override the number request.

Louise Cook annual contract – discussed at the annual May meeting. Contract renewed as is. Moved for the KVMA to provide the executive director with a cell phone for KVMA use and will be reevaluated annually. Seconded and passed.

Tentative board meeting dates:

August 15, 2013 at KVMA Office
September 27, 2013 at Mid-America Veterinary Conference
November 22-23, 2013 retreat, location to be announced

Moved, seconded, passed to adjourn meeting at 4:44 PM.

Summer Buckner, DVM
Secretary/Treasurer

(Full minutes can be obtained by contacting the KVMA office.)

In Memoriam

Donald R. Carr

Donald R. Carr, 70, of Louisville, passed away Monday, August 12, 2013. He was a member of Westport Road Baptist Church and an Army veteran, was a Kentucky Colonel, a member of the Louisville Executive Club and the Louisville AG Club.

Mr. Carr was a sales representative for Merck for many years and he was well known by many Kentucky veterinarians.

Don is survived by his wife of 48 years, Joan; daughters, Laura Carr Coleman (LTC Chris Coleman, US Army) and Mary Carr Knipp (Terry); grandchildren, Matthew and Jason Coleman, and Lauren and Grant Knipp; and also a host of family and friends.

Memorials may be made to the American Cancer Society or choice of charity.
Student Viewpoint: A Girl and Her Horse

by Natalie Quader, Tuskegee University/SVM, Class of 2014

Nothing can replace a girl’s first horse. It is an irreplaceable bond that is difficult to describe unless one has experienced it first hand. My first horse was a chestnut Thoroughbred known around the barn as “Foster” who lived for trailer rides, carrots, and cross-country gallops. He despised ditches, turned his nose up at apples, and showed his teeth when the divots of my curry comb tickled his thin chestnut coat. Foster played a significant role in my life for a four-legged creature. He was the subject of my college entrance essay, my source of sanity during my teenage years, and the sole reason I began my pursuit of veterinary medicine. Once I left for college my riding career and time spent with my horse was put on hold. I spent those first few summers eager to return to Foster and pick up where we left off. Once veterinary school began, my times spent with Foster were very rare. Getting home was hard enough and getting to the farm was even harder. I have come to know many girls like myself who chose to be a veterinarian based on their passion for horses, and I have realized the story of a girl and her lost love affair with her horse is one too familiar to many young women who pursue veterinary medicine. When I first received the news that my horse passed away this past spring, I hung up the phone and bawled like a child. My reaction truly startled me. As a third year veterinary student exposed to euthanasia and animal death constantly, I could not believe this news had affected me so. In a way it was comforting to know that my profession had not jaded me. Losing Foster was more than just losing a pet I cared about. I felt that I was losing a part of me with his death. Riding used to be such a part of my life, and now I was coming to the realization that I was not an equestrian anymore. Getting to ride again would take more than free time; it would also require a new horse. Being a vet student saddled down with student loans made the thought of riding and owning a horse again seem even more un-attainable. This sadness I experienced soon transformed to anger. I was angry with my parents for even urging me to ride only to have it up once I began veterinary school. I was angry with veterinary school for keeping me from

Continued pg. 11

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Veterinary practice brokers focused on the financial success and growth of fellow veterinary professionals.
getting to spend time with my horse. I even felt jealousy towards the clientele bringing their horses into the clinic eager to share their victories at a show over the past weekend. I soon realized how selfish I was being. Here I am so close to fulfilling many young girls’ dreams of becoming a veterinarian, and I was able to accomplish this due to the blessings provided by everyone I felt anger towards. I began to reflect on everything my horse Foster had taught me. Every day after high school I spent my afternoons grooming him, feeding him, riding him, and keeping his stall clean. He taught me the responsibility of taking care of an animal. Had it not been for Foster I would not have met his veterinarian, Dr. Summer Buckner, who played a great role in my pursuit of veterinary medicine. Foster first taught me how to accomplish the great art of veterinary medicine—-that of “doing no harm,” and he also introduced me to the reward of instilling care and feeling responsibility for another creature. Basically every lesson I have learned from Foster has helped mold me into student of veterinary medicine that I am today.

This past April I had the privilege to work with the prestigious FEI (Federation Equestrian Internationale) veterinarians at the Rolex D-box collecting vitals of the competitors’ horses as they finished the cross-country phase of this world-renowned equestrian competition at the Kentucky Horse Park in Lexington, KY. As a previous eventer myself, this was a dream come true. This experience was also bittersweet. The Kentucky Horse Park had been the scene of many of my equestrian competitions with Foster, and the rolling hills of the Rolex cross-country course was where we took many of our cross-country gallops that he loved so much. Over this weekend, I witnessed all the veterinary care needed to maintain a top-level international sport horse. At each jump there is at least one veterinarian stationed, and then back at the finish line/D-box the head FEI veterinarian would check the animal as soon as he completed the course. The horse would continue to be monitored by another veterinarian in the D-box for the next 10-20 minutes while the eventing team staff cooled down the horse and the horse’s vitals returned to a resting rate. The horse and rider would then be dismissed to the barn area to be rehydrated with fluids and examined by another set of treating veterinarians before the final phase of the competition, stadium jumping, took place the following day. Witnessing the hard work and organization put forth by the FEI and the competition veterinarians gave me a new respect for volunteer sport horse veterinarians. It also made me realize I could keep a little bit of my old equestrian self while volunteering my new skills as a soon-to-be veterinarian.

It does make my heart happy to know that, in less than a year, I could be extending my own care and knowledge to other young girls and their horses. I am eager to experience this new bond. I am confident my love for my first horse will translate into compassion for future patients; and if Foster taught me anything, carrots always make new friends! ♦

A cross-country gallop at a Rolex event.

Photo: Terri Ralenkotter
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Pull! KVMA Foundation Clay Shoot!

by Mark S. Smith, DVM, KVMA President Elect

PULL! This was the word of the day resonating across the wooded vineyards of the Elk Creek Hunt Club and Winery on June 27th for the KVMA Foundation Clay Shoot.

More than 60 veterinarians, industry representatives, and guests enjoyed a day of shooting sporting clays, boasting, and fellowship. This fundraising event was graciously sponsored by Elanco Animal Health, Merial Animal Health, and Henry Schein Animal Health. A special thank you needs to go out to Drew Daniels, Amber Bunch, and Dannie Surbaugh for all their organization and hard work. Also providing support as shooting station sponsors were; Vetri Science Laboratories, Neogen Corporation, Midwest Veterinary Supply, Patterson Veterinary, Boehringer Ingleheim, and Henry Schein Animal Health.

This unique fun-filled event successfully raised over $5,300.00 for the KVMA Foundation. It was a unanimous consensus to make this an annual event with hopes that those not in attendance this year will be able to participate next year.

Danny Surbaugh

Drs. Dale Eckert and Sue Quammen.

Participants await their turns!
Traveling to the shoot.

Dan Calvert celebrates some fancy shooting?

Dr. Ralph Adams

Dr. Steve Wills takes aim.
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Dr. Jennifer Quammen Honored with New Role

During the July 19, 2013 AVMA House of Delegates meeting, Dr. Jennifer Quammen of Melbourne, KY was appointed as the Recent Graduate Representative on the Council on Veterinary Service (CoVS). The official term of service for the position will be from July 2013 - August 2016.

Dr. Quammen earned undergraduate degrees in biology and mathematics from Northern Kentucky University, a Master’s in Public Health from the University of Iowa and, in 2011, her degree as a Doctor of Veterinary Medicine from The Ohio State University. While her veterinary interests include surgery, public health (especially zoonotic diseases) and emergency medicine, Dr. Quammen is also involved in organized medicine, serving as the Northern KY VMA representative to the KVMA Executive Board. Being a woman of many talents and whose interests include personal fitness, Dr. Jen is currently training for her first triathlon! The KVMA and the Kentucky Veterinary News extend our sincere thanks to Dr. Quammen for her commitment to the veterinary profession! ♦

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It’s ironic to call this my last summer of freedom because, honestly, my last summer without work was in 1990 when I was fifteen years old — and truth be told I recall working pretty hard as a babysitter making just a few dollars an hour all summer! But alas, the summer of 2013 found me largely unemployed and working as a stay-at-home farm hand (on our 8 acre farm mind you!). Sure I spent two weeks in Guthrie, TX on externship at the 6666 Ranch and I rode with the very kind Dr. Eric Peterson of Equine Medical Associates here in Lexington for a week but, other than an occasional few actual paid working endeavors, I honestly spent the summer without much of a strict schedule.

Summer (Home) Accomplishments
Although it sounds perhaps as though I sat around all day eating bonbons, I was heavily engaged with a great many home projects that had gone unattended for far too long. Only six years after building it, I finally stained our barn which, because of our less than timely staining, also required pre-washing. I also stained (again add the pre-washing part) our deck and our ice house (yes our home is so old we do actually have an ice house on the property), I built over 300 feet of four board fence, scraped and painted the door trim (front & back doors), stained our porch rocker, refinished a corner cabinet, regularly attended yard work and household chores and served on the Kentucky Horse Council’s Executive Director Search Committee.

My husband and I took our annual journeys to both Michigan - to attend the Midwest Ox Drover’s Association Annual Gathering with our team of Gloucester Linebacks (Bob & Jerry) -and to Vermont to see our families – which somehow also included the transport of two Miniature Donkeys. On our return from Vermont we visited a friend in Northern Pennsylvania where we saw the most amazing dairy. The sizeable dairy (1,500 milkers) collects methane and produces enough power for the surrounding 100 homes. This is the first time I’ve seen methane collected, although I’ve been aware of the practice for some time. What a great way to enhance the profitability of the dairy and bring real value to the community!

Livestock Training and Others Giving Back to the Veterinary Profession
One of the most personally and professionally rewarding things I do is teaching animal control and peace officers how to investigate livestock cases. Amazingly and sadly many of our Kentucky officials do not have livestock handling experience and thus, when confronted with animals running at large or a case requiring investigation, they are often at a loss.

This summer I spent three days at Morehead State University on behalf of the Kentucky Horse Council teaching the Level I course. Since 2008 this is the twelfth such training (reaching nearly 200 county officials) I’ve conducted with my amazing teaching partner and friend, Beckey Reiter, Director of the Boone County Animal Shelter. Historically in these articles I try to highlight veterinarians who go above and beyond but please indulge me as I give some well-deserved praise to someone who is not a member of the veterinary profession.

Beckey Reiter first became involved with the Kentucky Horse Council in late 2007 when Kentucky was feeling the repercussions of a significant drought and literally every night the news featured a different case of starving horses. Through outreach on the part of the Council, Beckey was invited to attend a brainstorming session from which the need for offering Livestock Investigation Training was hatched.

Without question, Beckey has the greatest knowledge of animal statutes in the Commonwealth. With incredible resolve, determination, and patience, Beckey taught me about Kentucky’s animal laws and how to apply them. She worked tirelessly to get my understanding to a minimum standard so that I could field the many calls then taken on the Horse Council’s hotline. Finally, Beckey and I worked together in crafting a training to fill the gaps in livestock handling and legal knowledge for Kentucky’s peace and animal control officers.

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Keep in mind that Beckey has a full time, intense job that requires her to oversee staff, volunteers and construction projects as well as interact with elected officials. Amongst all of her normal responsibilities and volunteering and travelling with the Horse Council and other leadership roles, Beckey developed a relationship with a vet-tech training program in her area that allows the Boone County Animal Shelter increased regular access to a licensed veterinarian and provides students much needed hands-on experiences with shelter animals.

Truly, Beckey Reiter is a visionary in her field and a treasure among animal control professionals. As vet tech students move through the program in partnership with the Boone County Animal Shelter and enter the profession prepared and well-versed in handling a variety of animals, many a veterinarian should look north and thank Beckey Reiter and her extraordinary leadership.

The SFT Conference
In the beginning of August I attended the Society for Theriogenology Conference in Louisville. As a student I was able to attend at no charge which, along with the proximity to my home, made it a manageable venture. I thoroughly enjoyed the conference which began with a meet and greet for students and mentors. Dr. Maria Schnobrich of Rood and Riddle was assigned as my mentor and she is genuinely interested in learning about me and helping me with the next steps in my education and career.

Dr. Temple Grandin was the keynote speaker for the conference general assembly and watching and listening to her

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The KVMA Foundation was established in May 1989 with “a commitment to improve the profession of veterinary medicine by educating the public and developing future leaders in animal industry through financial assistance.”

One of the primary functions of the Foundation was to receive and distribute contributions and own properties, unacceptable practices for a non-profit organization such as the Kentucky Veterinary Medical Association. The Foundation places no liabilities on the KVMA.

In recent years, the Foundation has been active supporting many activities. Among them:
- Kentucky 4-H
- Kentucky FFA
- Kentucky Young Farmers
- The White Coat Ceremonies at Auburn University CVM and Tuskegee University SVM
- Gifts for KY first year veterinary students
- Disaster Relief Programs

The Foundation sympathy card program, begun in 2004, has helped support the KVMA. Since 2004 there has been $41,526.00 raised by the card program!

An organization is only as strong as its membership and the KVMA has always been strong. Those of you who support or have supported the Foundation in the past, we thank you. We hope others of you will join us today. We need your participation!

Thank you to recent card program contributors: Drs. Barbara A. Schmidt and Julie A. Wolfe, Crestwood Veterinary Hospital, Grants Lick Veterinary Hospital, Knox County Veterinary Services, Pennyrile Animal Clinic, Reidland Veterinary Clinic, Springfield Animal Clinic and The Animal Clinic - Lawrenceburg.

Student viewpoint, cont. from page 19

presentation reminded me of what a great treasure she is to the livestock industry and how important it is to consider safe handling and animal perspectives in all aspects of practice. She reminded us that just because we are working on the hind end doesn’t mean we should ignore the front end. One phrase that she used which really impressed upon me was “Avoid bad becoming normal.”

Auburn University CVM was well represented at the SFT conference and the school’s student chapter was recognized as the leading club because of both the performance of Auburn students in various competitions (including first in the quiz bowl) and various club activities throughout the school year.

Sitting for two days solid at the conference was like of preview of the coming semester when I’ll not only take Reproduction but also once again spend countless hours in the classroom preparing for that all important date in March when I start clinical rotations.

Thus, I find myself at the end of my summer worrying that perhaps I should have made it a priority to spend some time at the small animal clinic with Dr. Bosse watching spays and neuters and preparing for the upcoming year, yet delighted that I’ve accomplished so many home tasks while still managing to get in some learning!
Comer Launches New Mobile Science Units to Teach Kentucky Kids about Agriculture

Agriculture Commissioner James Comer officially launched the new units in a ceremony Thursday during the Kentucky State Fair at the Kentucky Exposition Center in Louisville.

“Most school children are two, three, or more generations removed from the farm,” Commissioner Comer said. “The Mobile Science Activity Centers enable kids to learn about agriculture’s importance in our everyday lives. These new units will use the latest technology to capture the students’ attention and help them learn.”

The MSACs travel to schools throughout the commonwealth to give students the opportunity to conduct scientific experiments related to agriculture using current educational standards and core content. The new MSACs are 44-foot trailers that each contain 11 iPads, a 70-inch LED monitor, and an all-in-one touchscreen desktop computer. Students will interact with the teacher using the iPads through Insight360 software. The mobile units contain internal generators; heating, ventilation, and air conditioning (HVAC) systems, and handicapped-accessible ramps.

The mobile units are administered by the Division of Agriculture Education and Outreach in the Kentucky Department of Agriculture’s Office of Marketing.

The new MSACs were purchased and outfitted with support from Kentucky Agriculture and Environment in the Classroom Inc.’s member partners: the AgriBusiness Association of Kentucky, Farm Credit Mid-America, the Kentucky Agricultural Development Fund, the Kentucky Beef Council, the Kentucky Cattlemen’s Association, the Kentucky Corn Growers Association, the Kentucky Dairy Development Council, the Kentucky Equine Education Project, Kentucky Farm Bureau, the Kentucky Goat Producers Association, the Kentucky Horse Council, the Kentucky Pork Producers Association, the Kentucky Poultry Federation, the Kentucky Retail Federation, the Kentucky Sheep and Wool Producers Association, the Kentucky Small Grain Growers’ Association, the Kentucky Soybean Board, and the Kentucky Veterinary Medical Association.

“This is a great example of a successful public-private sector partnership,” Commissioner Comer said. “With the help of our private partners, we will teach Kentucky’s kids why agriculture matters to all of us.”

The MSACs are booked for the next three school years. School administrators and teachers who want to find out more about the mobile units may contact Elizabeth McNulty at (502) 564-4983 or elizabeth.mcnilty@ky.gov.

LETTERS TO THE EDITOR

Every effort will be made to try and print letters that are on topics of the most general interest. The Kentucky Veterinary News reserves the right to edit letters for length and content as necessary. All submissions must contain the author’s name, address, e-mail address (if applicable), and phone number so that we may contact you to be sure of the letter’s authenticity. Only the author’s name and home town will be published. No letter will be published anonymously. Letters may be submitted electronically (Word File please) to: kvma@aol.com or by “snail mail” to: KVMA, PO Box 4067, Frankfort, KY 40604-4067
It’s summertime and the livin’ is easy! The summer months are the slow season for the Breathitt Veterinary Center. The sun is out, the grass is green, and the temperatures are enjoyable. Animals, as well as their human owners, fare well this time of year. BVC employees use the summer season for family vacations and to catch up on a lot of laboratory planning and paperwork as we enter the new academic year.

BVC faculty members provide instruction in the Murray State University Pre-Veterinary and Animal Health Technology programs. Fourth year students have BVC faculty for lecture classes and visit the BVC for hands-on laboratory and necropsy experience. Faculty members use the summer to develop class content and to update material on the university’s website for students.

To further the BVC educational mission, Dr. Debbie Reed, Case Coordinator, received notification of a USDA NIFA grant for the Expansion of Transmission Electron Microscope Capabilities. The grant will provide funding to purchase a digital camera system for the electron microscope that will project images on a large high resolution screen. The EM camera system will enhance student instruction and provide the capability to disseminate EM images via the internet and case reports.

Charles Moore, BVC IT Manager for 15 years, recently joined the staff of the Ohio Criminal Justice System Laboratory. Charles, a genius in managing our network servers and USA LIMS software, is dearly missed. We wish Charles and his family well as they move forward.

Several BVC staff members will attend the KVMA Mid-America Veterinary Conference in September. We look forward to seeing you there!

The UKVDL has received several goat mortality cases in the second quarter of the year. Polioencephalomalacia, parasitism (Hameonchus, Oesophagostomum and Trichostrongyles), enteritis, and pulmonary edema have been diagnosed along with various other disease processes. In another outbreak resulted in a 3% flock mortality in a pheasant operation with lesions consistent with avian leukosis. Some interesting cases of bovine lymphoma have also been diagnosed in animals that have died with neoplastic masses in the abomasum. The good news for the horse industry is that abortions have been minimal in the 2012-2013 reproductive season. On the other hand, the UKVDL has seen over 20 suspected cases of Potomac Horse Fever in and around central Kentucky. There is never any shortage of challenges in the diagnostic laboratory. We continue to maintain very low fees for our necropsies. When Kentucky animals die, we want to be there for your clients and also use the data to maintain adequate surveillance. Please visit our web site to try out the animal disease distribution interactive map for Kentucky which displays a 30-day moving window of diagnoses for both the Breathitt and UKVDL: http://www.vdl.uky.edu/
We recently installed an after-hours dropbox for our client’s convenience. Please try it out. We hope you enjoy the rest of summer on into the fall!

Tularemia in a Cat
Lynne Cassone, DVM DACVP, Assistant Professor of Veterinary Pathology (UKVDL)

A six-year-old domestic shorthair cat was submitted for necropsy with a history of ulcerative stomatitis, inappetence, and cervical lymphadenopathy. Clinical differentials under consideration were autoimmune disease and oral exposure to a caustic chemical, based upon the severe, diffuse damage to the oral mucosa. Gross examination confirmed the presence of severe oral ulceration that extended into the oropharynx and proximal esophagus. The submandibular, cervical, and mesenteric lymph nodes were massively enlarged and firm. The spleen was uniformly pale, and the liver contained several nodular foci of pallor. Histologically, all lymphoid tissues (lymph nodes, spleen, Peyer’s patches, etc.) exhibited necrosis and non-suppurative inflammation. Inflammation and necrosis also were present in randomly distributed foci in the liver, lungs, and kidney. While bacterial septicemia could cause a similar distribution of inflammatory lesions, the uniform involvement of all lymphoid tissues, and severity of oropharyngeal ulceration were unusual, and raised the possibility of tularemia.

The presence of Francisella tularensis in several tissues was confirmed by NVSL in Ames, Iowa. Francisella tularensis is the causative bacterial agent of the zoonosis Tularemia, aka Rabbit fever. The organism can infect over 100 species of mammals, birds, reptiles, and amphibians, but is maintained primarily in lagomorph and rodent reservoirs. Bacteria are transmitted by several species of tick (which can serve as biological vectors), and less often by other biting arthropods (serving as mechanical vectors). Of our domestic animals, cats appear to be the most susceptible to developing clinical illness. The disease is probably underdiagnosed due to the generally favorable response to routine antimicrobial therapy. Humans are most commonly infected by tick bites and injuries during processing of infected rabbits. In addition to contact with rabbits, humans have reportedly been infected by contact with diseased tissues of squirrels, sheep, pheasants, and non-human primates. Very old, very young, and immune-suppressed individuals are at risk; in spite of the wide distribution of the organism, human clinical cases are relatively rare. Individuals experiencing fever or other clinical signs who have been exposed to an animal with tularemia should seek medical attention. Clinical cases are reported to and tracked by public health authorities, due to the threat of this agent being used for bioterrorism. The US utilized F. tularensis to develop bioweapons in the 50’s and 60’s.

Rocky Mountain Spotted Fever Testing On-Line at UKVDL
Meg Steinman, MPH, Serology Section Chief (UKVDL)

One of the most common tick borne diseases in dogs and humans is Rocky Mountain Spotted Fever (RMSF). The causative agent is Rickettsia rickettsii, a rod shaped microorganism from the class, Rickettsia. The organism reproduces inside living cells, and is transmitted via a tick bite from either the American dog tick, Dermacentor variabilis or the RMSF tick (Dermacentor andersoni). Most infections occur during warmer months, March – October. Signs and symptoms of RMSF vary but generally, the dog will develop a fever within five days of contracting Rickettsia rickettsii.

Other symptoms include depression, lethargy, anorexia, blood in the urine, arrhythmia, purple spots along the skin, ataxia, edema inflammation, and swollen lymph nodes. The disease can be treated with antibiotics such as tetracycline or doxycycline for a 10 days period. Diagnosis can be made based on history and the presence of antibodies. UK VDL is now running an Indirect Fluorescent Assay test to determine the presence of RMSF antibodies. The test is set up on Fridays, and results are available on day of testing. This test is also part of a tick borne panel that looks for antibodies to Ehrlichia (canis and ewingii), Anaplasma phagocytophilum and platys), and Borrelia burgdorferi (the causative agent for Lyme disease). For additional information contact the laboratory at 859-257-8283 or visit our website at: www.vdl.uky.edu.
Acute or atypical interstitial pneumonia (AIP) is a descriptive term used by veterinary pathologists for a certain characteristic histopathological pattern of damage to the lungs of cattle. The gross characteristic findings of AIP are lungs that do not collapse when the chest cavity is opened and that are heavy and have a firm, rubbery texture. Interlobular or bullous emphysema is usually present and the cut surface of the lung may appear wet or shiny due to edema. Affected lobules are dark red to purple and may be interspersed with normal looking lobules, creating a “patchwork” or “checkerboard” appearance. These findings are confirmed at the cellular level with a very distinct pattern of damage. It is important to understand that all interstitial pneumonias do not have lesions consistent with AIP so careful evaluation of the clinical history as well as submission of lung tissue and a histopathologic examination may be necessary to determine the type of lesion involved and the etiology.

There are a variety of agents that will directly or indirectly damage the walls of the air sacs in the lungs and cause AIP. Affected animals will show “acute respiratory distress syndrome” or “ARDS” which is a sudden and dramatic onset of severe breathing difficulty. One of the first known causes of AIP in grazing cattle was acute bovine pulmonary edema and emphysema (ABPEE) or “fog fever”, a condition first reported in Europe over 200 years ago. The disease is associated with the grazing of “fog lands” which are pastures that have lush new growth after being cut for haylage or silage. In the United States, ABPEE is usually seen in beef cows over 2 years of age when they are moved in the early fall from dry, dormant summer pastures to lush fields. In the western US, the change is from dry summer mountainous pasture to a lush, irrigated lowland pasture. This lush pasture contains the amino acid tryptophan which can be metabolized by the organisms in the rumen to 3-methyl indole (3-MI). The 3-MI is absorbed into the bloodstream, transported to the lungs and metabolized to a new compound 3-methyleneindole-nine (3MEIN) that actually causes the widespread cellular injury. Recent studies have found that tryptophan levels in pastures associated with fog fever are not higher than unaffected pastures. Instead, it is the abrupt change from the low plane of nutrition associated with grazing the poor quality dry forage to lush pasture that results in alterations to the rumen microflora to one that is capable of metabolizing tryptophan to 3-MI. Clinical signs usually develop within several days and up to 2 weeks after the pasture change. Nursing calves are not at risk for fog fever and yearlings are less susceptible than adults. Brassicas including kale, rape, and green turnip tops are rich sources of tryptophan that can be converted in the rumen to 3-MI and cause AIP.

The clinical signs of a cow with AIP are often grouped together and described as an “acute respiratory distress syndrome”. This syndrome includes a sudden onset of open-mouth breathing with the head and neck extended, nostrils dilated, a sway-back appearance, foam coming from the mouth, an open shouldered stance, and sometimes aggression. Breathing is shallow and rapid (35-75 breaths per minute) and may have a loud expiratory grunt. Temperature is typically normal but may be mildly elevated due to the severity of the condition. In extreme cases, subcutaneous crepitation may be felt over the upper portions of the neck, shoulders and back. Mild exercise may cause the animal to collapse and die. Generally there is an absence of coughing and no signs of infection such as fever or depression. Severely affected animals usually die within 2-3 days after initial onset of clinical signs. Morbidity rate usually approaches 50% with a case fatality rate of approximately 30%. Less severely affected animals may improve without treatment and without further consequences. The stress of handling cattle can cause further death loss so care must be taken when removing cattle from the offending pasture. Those that survive show dramatic improvement after three days with recovery spanning approximately 10 days. Severely affected animals that survive may develop chronic emphysema or heart failure.

Treatment, if attempted, must be handled very cautiously. A dart gun may be employed to avoid having to move the animal to a treatment facility. Recommendations include:
1. Furosemide (0.5-1mg/kg IM or IV once or twice daily).
2. Flunixin meglumine (1.1-2.2 mg/kg IV daily or divided twice daily) or Dexamethasone (.05-0.2mg kg IM or IV once daily)
In the Southeastern US, acute interstitial pneumonia has been produced by ingestion of the leaves and seeds of perilla mint (*Perilla frutescens*). This common weed is also known as purple mint, wild coleus, and beefsteak plant. *P. frutescens* thrives in late summer, when pastures are frequently dry and dormant. Cattle normally avoid it but may be forced to eat it when pasture is unavailable. Perilla ketone is the toxin absorbed from the rumen into the bloodstream and carried to the lungs where it damages the lung tissue. The preseed stage is of relatively low toxicity; the green seed stage plant is most toxic, especially the seeds. Dried hay is less toxic than green plants but can be lethal while frosted plants have relatively low toxicity. Ingestion of perilla mint causes acute respiratory distress syndrome as described with fog fever. Animals are frequently found dead with mature cattle most often affected but it can occur in yearlings and calves. Treatment is of limited value and severe cases seldom survive. Cattle should be offered sufficient forage so they are not forced to graze weeds such as perilla mint.

Moldy sweet potato toxicity is also a known etiology of AIP. It is caused by ingestion of 4-Ipomeanol, a toxin produced by sweet potatoes in response to infestation with the fungus *Fusarium solani*. The toxicity is usually severe and irreversible when it occurs so feeding of mold-damaged sweet potatoes should not be practiced.

Finally, there is a “Feedlot-associated AIP” that is the primary cause of respiratory death in feedlots after fibrino-suppurative bronchopneumonia. It demonstrates a seasonal peak, with the highest incidence in the summer. It affects heifers at a much greater rate, it’s more likely to affect heifers that have been on feed for a longer time, and it has a high case fatality rate. The cause of this syndrome is unknown and is probably multifactorial. It is postulated to result from an interaction of factors such as ambient temperature, airborne dust, infection, endotoxin exposure, and antioxidant depletion due to consumption of rancid fat. This type of AIP affects cattle in some feed yards but not others so management factors likely play a role in its occurrence.

Prevention of AIP is based on management strategies that prevent or lessen the exposure of susceptible cattle to known causes of AIP such as very lush pasture (offered abruptly after dry, dormant forage), moldy sweet potatoes, and Perilla mint. Administration of monensin or lasalocid at 200 mg/head/day PO has been shown to reduce the conversion of tryptophan to 3-MI in the rumen by as much as 90%. For monensin to be effective, it must be present in the rumen at the time of exposure. Little effect remains in the rumen 48 hours after removal from the diet so prevention involves continuous feeding of monensin while the cattle are at risk of tryptophan-induced AIP.
Substance abuse is a subject no one wants to approach, especially among professional groups. In reality, though, it is a problem in any professional group and tends to be more so in the medical professions because of the easy access to controlled substances.

Dependency on recreational drugs is not where most cases of substance abuse comes from among veterinarians. Rather, a large majority are the result of dependency on pain killers of one class or another. This usually comes as a result of an injury or medical condition where they are used to control pain while healing occurs. If the injury or condition becomes a chronic one and pain persists the drugs are used to be able to continue to work. Almost without realizing it dependency becomes a problem.

Practicing veterinary medicine while impaired is a violation of the Veterinary Practice Act. 201 KAR 16:010 Section 16 states: A veterinarian shall not practice veterinary medicine; (2) If his ability to practice with reasonable skill and safety is adversely affected by reason of excessive use of: alcohol, drugs, narcotics, chemicals, or other substances. A violation of this statute will result in disciplinary action by the Board.

It is the responsibility of the veterinarian to guard against substance abuse in his or her clinic. The surest way of doing this is to protect the controlled substances by keeping them locked securely and accurately log out every drug used. Then inventory them on a regular periodic basis. Accurate identification of the animal it was used on is essential. Then, if there is a questionable use of any drug, its use can be backtracked.

If you feel you may be becoming dependent on drugs don’t try to fight it on your own. The KVMA has a committee to guide you through the process. All information is strictly confidential. There is no disciplinary action taken when a voluntary commitment to the committee occurs. No one on the committee is there to point fingers. All they want to do is help. Contact the KVMA office and you will be put in contact with a member of the committee. No questions asked.

**DISCIPLINARY ACTIONS SINCE THE LAST NEWSLETTER**

**Complaint:** A veterinarian was allowing an employee to diagnose, treat, and dispense medications while the veterinarian was away from the clinic. The employee had conducted a rabies clinic while the veterinarian was out of town. Some clients were unable to get patient records from the practice because they either had not been made or had been lost.

**Charges:** The veterinarian was charged with aiding and abetting the unlawful practice of veterinary medicine and failure to maintain adequate records.

**Result:** The veterinarian was fined $5,000.00. The employee had to be fired. The veterinarian was suspended from practicing small animal medicine for eighteen months and must inform the Board before beginning again.

**Complaint:** A dog was seen to remove a deciduous tooth. The dog cardiac arrested when given anesthetic but recovered in a few seconds. The veterinarian elected to continue with the tooth extraction. When the dog recovered from the anesthetic it suddenly developed lung edema and eventually died.

**Charges:** The veterinarian was charged with endangering the health and welfare of the animal by continuing with the tooth extraction after the cardiac arrest.

**Result:** The veterinarian was fined $500.00 and must complete 8 hours of continuing education on critical care.

**Complaint:** A veterinarian examined a dog that was lethargic, running a fever and was somewhat bloated in the abdomen. Medications were given to reduce the fever and settle the stomach. The owner called the veterinarian shortly after returning home saying the dog had gotten worse. The veterinarian told the owner the medications had not had time to work. The owner called a short time later saying the dog was still worse. The veterinarian agreed to meet the owner at the clinic but the dog died in about fifteen minutes. An autopsy revealed the dog had multiple nodules on the liver, one of which had ruptured and the dog bled to death.

**Charges:** The veterinarian was charged with failure to conduct adequate tests to diagnose the dog’s condition.

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Result: The veterinarian was fined $400.00, given a reprimand and must complete 3 hours of continuing education on internal medicine.

Complaint: A veterinarian examined a horse that had become lame. The horse was x-rayed and a diagnosis of an injury to the carpus was made. The horse didn’t respond to treatment and swelling increased. Further treatment was done but there was no response. Because of concern for total weight bearing on the good leg, the horse was anesthetized to put a special shoe on it because he couldn’t bear weight on the bad leg. When the horse was trying to get up the bad leg broke and the horse was euthanized. Examination of the radiographs by a board certified radiologist revealed a fracture the veterinarian had missed on his initial examination.

Charges: The veterinarian was charged with failing to take sufficient time and conduct sufficient tests to diagnose the horse's condition.

Result: The veterinarian was fined $1,000.00, given a reprimand, and must complete 10 hours of continuing education on radiographic techniques on the horse.
More than just a restrainer, a licensed veterinary technician/technologist (LVT) is a graduate of a veterinary technology program that provides rigorous education and hands on training. Restraint is just one important skill required of anyone within the veterinary clinic. However, could you use your LVT for more?

Most of us are guilty of the mentality, if you want things done right, do them yourself. Whether based on this mentality or simply not realizing your LVT’s level of training, it would benefit you to take the time to explore the knowledge that your LVT possesses and delegate clinical tasks.

The AVMA governs veterinary technology programs, and accredits those meeting specific criteria. One of the criteria is the completion of a detailed Essential and Recommended Skills List by each student in the program. This skills list is utilized for curriculum development and instruction. As part of their education, your LVT is required to perform skills in all areas of veterinary care, including:

- Office and hospital procedures, client relations, and communication
- Administer and dispense prescribed drugs
- Patient assessment and nursing care, including:
  - obtain history, perform venipuncture and intravenous catheter placement, administer medications and fluids, develop and communicate nutrition protocols
- Routine dental prophylaxis
- Manage and maintain patients in all phases of anesthesia
- Select, utilize and maintain anesthetic delivery and monitoring instruments and equipment, including endotracheal tubes, pulse ox, ECG, blood pressure monitor
- Have knowledge of routine surgical procedures and related equipment
- Provide appropriate instruments, supplies and environment to maintain asepsis during surgical procedures
- Collect, prepare and analyze laboratory specimens, including:
  - UAs, CBCs, blood film analysis, blood chemistries, internal and external parasitologic exams, serology, microbiology and cytology exams, including ear and vaginal cytologies
- Diagnostic imaging including radiographic positioning and processing
- Laboratory animal and avian procedures

Take a look at how comprehensive the AVMA Essential and Recommended Skills List is: [https://www.avma.org/ProfessionalDevelopment/Education/Accreditation/Programs/Pages/cvtea-pp-appendix-i.aspx](https://www.avma.org/ProfessionalDevelopment/Education/Accreditation/Programs/Pages/cvtea-pp-appendix-i.aspx). Were you aware of the level of training that your LVT possesses?

Please talk to your LVT. Learn the tasks your LVT is comfortable performing or willing to practice until he/she becomes comfortable. The time you could save delegating tasks your LVT is capable of doing, such as I.V. catheter placement, and blood collection for laboratory diagnostics, is more time you can spend with more patients.

Now, are you utilizing your LVT to their full potential?
Enjoy the Fall Season!

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Dr. Jerry M. Allen, Small animal only, Central KY area. Monticello, KY (606) 307-2926

Dr. Suelaal Berlin, '90 Grad TX A&M. Lic. KY & IN. SA. 8001 Dry Ridge Lane, Louisville, Kentucky 40299 502-266-9322, email: berlin@bellsouth.net

Dr. Tracy Boehm, Relief and part time, Northern KY and Greater Cincinnati, Small Animal. 859-803-4987 or srgeo@yahoo.com

Dr. C. Perry Brown, 2444 Lexington Road, Winchester, Kentucky 40391 SA. 859-745-1050 email: lpbrown32@bellsouth.net

Dr. Mark Butler, Available for small animal relief work throughout Northern Kentucky and Southwest Ohio. More info and resume available at www.CinciNKVetRelief.com 1106 Mt Zion Rd., Union, KY 41091 happyt@cheerful.com 859-534-0658 (home), 740-705-1500 (cell)

Dr. Jose R. Castro, 2024 Cedargreens Rd., Knoxville, TN 37924 Ph: 813-957-5930, joxbee@yahoo.es Equine Relief Veterinarian. General practice and surgery.

Dr. Thomas Crowl, small animal practice relief service, 35 years experience, central and northern KY. 515 Two Lick Road, Cynthiana, KY 41031, 859-954-0945, tec4335@oal.com

Dr. Emily (Emma) Dawson, Greater Louisville Area (will consider areas beyond). SA primarily, limited exotic/equine. Please call or email with any inquiries at (502) 608-6108 or auvet07@yahoo.com

Dr. L. Dupkus, Small Animal relief veterinary services, long or short term, statewide. 859/623-8461.

Dr. Casey Eckert, SA, Versailles, KY (334) 444-7973. Central KY. ECKERCE@AUBURN.EDU

Dr. Fredrick C. Evans, SA medicine, limited surgery, Shelbyville-Louisville area. phone: 502-386-5834, leave message.

Dr. Virginia Garrison, Virginia E Garrison, DVM, 1270 Old Log Lick Road, Winchester, KY 40391. 859-492-9253. vegb52@gmail.com Small Animal & Exotics. Will travel in Kentucky.

Dr. Jeannette Gibson, 1681 Gienboro Road, Lawrenceburg, KY 40342, phone: (502) 839-1467, (859) 967-4703 cell or (859) 269-0600 office, email: jgibsonvdm@oal.com. Licensed in OH & KY, SA. Will travel KY & southern OH.

Dr. Jane Goecke, 962 Old US 52, New Richmond, Ohio 45157 Phone: 513-368-7383, email: goeckej@hotmail.com Lic. OH and KY. SA med. and soft tissue surgery. Gr. Cinti and N. KY w/ in 30 mi of Cincinnati.

Dr. Michelle (Shelly) Underwood Hendrix, mixed practice, licensed in both Indiana and Kentucky. Contact info (502) 353-8943 or drshellyunderwood@yahoo.com.

Dr. Justin Howard, Howard Veterinary Services, will work across the commonwealth in small, mixed or large practice and cover emergency call. Call for quotes/available dates. 606-794-0746 or jsh0022@auburn.edu

Dr. Tracy Jenkins, Lexington, KY. SA exclusive, 20 years experience, will travel. References available. Phone (859) 797-3888, email tj3600@windstream.net.

Dr. Lisa Keeher, CCRT, 10017 Glen Meadows Road, Louisville, KY 40241 502-550-9190 Lic. KY and IN SA medicine and surgery, 9 years emergency and critical care experience, will travel, certified canine rehabilitation therapist.

Dr. Stacey Phelps Kimmerer, 214 Jesselin Dr., Lexington, KY 40503; phone (859)278-0213, cell (859) 699-2411 or email staceyyvet@insightbb.com. SA. Lexington and surrounding areas.

Dr. Stephen M. Kline, 8109 Bentbrook Place, Pewee Valley, KY 40056, (H) 502-618-3882, (C) 502-689-4702 or email: dvmkline@yahoo.com. Professional interests in SA medicine and surgery, radiology and ultrasound.

Dr. Gerald Lowry, 1205 Glenellen Dr., Danville, KY 40422. Home# 859-236-2933, cell# 407-721-5462. SA, 44 years experience, references, willing to travel. Auburn ‘64, email: gerlow27@aol.com. Lic. KY and FL.

Dr. Mary E. Mattingly, 2000 Auburn University graduate medicine, surgery (soft tissue) and emergency. Willing to travel Fayette and surrounding counties. Any day of the week, willing to do several days in a row. Contact: drmarym@insightbb.com, 859-229-1625.

Dr. James Mayer, 395 Mayer Ln., Elizabethtown, KY 42701; phone (270) 351-6722. SA. Louisville & surrounding areas. Now available Monday-Friday.

Dr. Jim McCarney, SA, Avian, willing to travel. 167 Old Georgetown St., Unit 2018, Lexington, KY 40508; phone (903) 603-8585

Dr. Robert Medley, 93 Auburn Graduate, small animal only in northern KY and southern IN. Contact: 502-338-0360.

Dr. Franklin C. Mercer, 6210 Hwy 62 E, Beaver Dam, KY 42320 phone: 270-256-1430 or 270-925-5466 willing to travel Western and Central KY

Dr. Candice Pace, 559 Shimmering Moon Drive, Somerset, KY, 42503, 859/513-2502, email: candiceadkins@aol.com, will travel within 60 mile radius of Somerset.

Dr. Dacaelle Peckler, LA & SA Medicine and Surgery. Will cover extended periods of time, entire state of KY, will cover emergency & ambulatory (provide vehicle), evening on call staff. Walnut Grove Farm Veterinary Relief Services; 115 Butler Street; Paris, KY 40361 ph: 859-338-6247 (leave message) fishingdogc@aol.com or wirehorselady@yahoo.com

Dr. Linda Quirk, SA and EQ. 2150 North Middletown Road, Paris, KY 40361. Please contact me at Phone 254-760-2939, E-mail: Q6Ranch@aol.com. Licensed in KY, LA, TX.

Dr. Tony Sheets, small animal, Central and Eastern KY. Versailles, KY. (606) 483-2645 or (859) 873-6463.

Dr. Lionell T. Smith, 6307 Apex Dr., Louisville, Ky. 40219. Cell# (502) 593-3610, Home# (502) 290-3619. SA. Will Travel.

Dr. Erin Tepe, 393 North Bend Rd., Hebron, KY 41048 Cell/work# (859) 653-2381 Home: (859) 689-9122 SA and Emergency Veterinary Relief, Licensed KY, OH and IN.

Dr. Phil Topham, TravelDVM97@windstream.net Phone (330) 592-7256

Dr. Shannon Tucker, 3064 Deerfield Dr. NE, Cerdon, IN 47112, stuckerdvm@gmail.com 502-648-5932 SA relief work IN & KY

Dr. Alexis K Wallace, 3976 Lazy Creek Rd., Lanesville, IN 47136. 812-987-6531 cell, email - akwvet@hotmail.com SA, EQ, some LA experience Licensed in IN and KY, Auburn 1990

Dr. Gina Yeargan, SA surgery and medicine, including thyroidectomies (no orthopedics at this time) 859-327-7199 please leave a msg if no answer

If you are working as a relief veterinarian and would like your name listed, please contact the KVMA at (800) 552-5862, fax (502) 226-6177 or e-mail: kvma@aol.com and we will be glad to add you to our list.

SA - Small Animal, LA- Large Animal, EX- Exotics, EQ- Equine
WANTED! Wildlife Veterinarian for Bureau of Wildlife Management in Centre County, PA. You do NOT need to be a Pennsylvania resident to apply for this position. Minimum Starting salary: $59,754 and comprehensive benefits! Requirements: One year of experience as a veterinarian in the research and/or diagnosis of wildlife diseases and a doctorate degree in veterinary medicine from an AMVA or AVMA approved college or university. Necessary Special Requirement: Possession of a license to practice veterinary medicine as issued by a State Board of Veterinary Medical Examiners. Applications must be received or postmarked by September 13, 2013! Contact: Pennsylvania Game Commission, Human Resources Division, 2001 Elmerton Avenue, Harrisburg, PA 17110-9797 E-mail: lflemm@pa.gov, Phone: (717) 787-7836, www.pgc.state.pa.us (F13)

Part-time Veterinarian needed. Experience preferred in small animals. Preference given to experience with birds, all small mammals and reptiles, or at least an interest in all species and the willingness to learn. E-mail aviansam@gmail.com with resume, or apply in person, call 502-245-7863 and make appointment for interview- 30 minutes. Samuel B. Vaughn, DVM, ABVP(AVIAN) (S13)

Part-time veterinarian wanted for small animal practice in suburban Louisville, Kentucky. Good surgical skills are a plus! Please contact Ellen at (502) 758-3556. (S13)

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The Louisville Zoo is looking for a used veterinary surgery table for sale or donation. Please contact Roy B. Burns, DVM, Staff Veterinarian, Louisville Zoo, 1100 Trevilian Way, Louisville, KY 40233 (502) 238-5333 or email: Roy.Burns@louisvilleky.gov (W13)

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