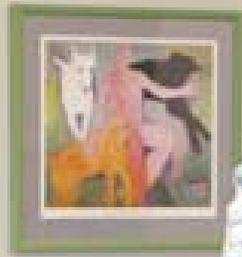


# Healing Hands



*Sandy Brown's physical rehabilitation gives new hope to injured animals*

Also in this issue:

*Dr. Michael Dryden's flea lab benefits pets worldwide*

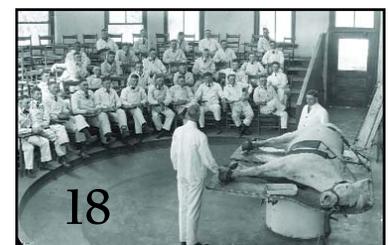
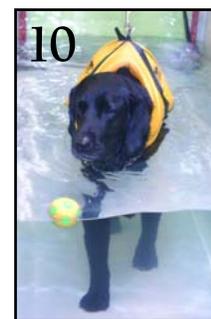
*Video conference center dedicated to late veterinary professor*

*CVM to celebrate centennial this summer*



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## From the Editor



Welcome to our first issue of "Healing Hands."

As you open the cover of this magazine, I hope that you feel as if the door to the Kansas State University College of Veterinary Medicine has

been opened to you. It is my privilege to invite you inside to learn about the impeccable quality of people, programs and activities at the college.

I would like to thank the people you will read about for graciously opening *their* doors to me during the research period for this issue. Meeting the family of Dr. Russ Frey and hearing poignant memories from his colleagues was a very moving experience.

In reading about people like Dr. Michael Dryden, Dr. Dan Thomson and physical therapist Sandy Brown, I think you will get a sense of the passion that everyone associated with the college brings to the veterinary profession and the compassion they have for their clients and patients. As Dr. Dan

Thomson says, "No one cares what you know until they know you care." You will find that everyone at the College of Veterinary Medicine truly cares.

I hope you enjoy the look and feel of our new publication. I invite everyone, especially our alumni, to contact me with your stories and suggestions for inclusion in the next issue of "Healing Hands."

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# Message from the Dean



Dear Friends of the College,

What an exciting time it is as we celebrate our centennial year! We are proud to reflect on our past with pride, but it is just as important to clarify our vision for the future.

This is a time of change throughout the world. Terrorism has shaped new fields of study and concern. Re-direction of federal funds and competition for K-12 educational support and other important state programs have led to major funding reductions for higher education. Because of these changes, we believe it is important to set priorities and address the critical issues facing our profession.

This is the perfect time to begin the next 100 years with a new look to our college magazine. "Healing Hands" has taken the place of our "Sunflower Roads" publication. Our profession is changing and so must we. "Healing Hands" reflects the expertise, concern, and gentle care we must bring to all aspects of our college. Whether it is in teaching, research or service, we all have a hand in shaping the future of veterinary medicine.

We are entering times of transition. With a tremendous shortage of veterinarians in both clinical and public practice today, there may never be a better time for veterinarians to be involved in food supply veterinary medicine, specialty care, diagnostic and comparative medicine. What a great time it is for our graduates in private practice, industry, public health, bio-security, research and food safety.

Located in the heart of our country where food animal production is critical to the world, there is growing support at K-State for food supply veterinary medicine. The American Veterinary Medical Association has identified these veterinarians as an endangered resource. We have made a commitment to build upon an already-strong legacy and enhance our large animal studies. We will provide the very best veterinarians needed in this field, whether they are in mixed animal practice, large herd management in rural America, food safety or bio-security research.

Meeting these needs over the next several years will require hard work by everyone in the college as well as support from our friends and colleagues. We will continue to address the challenges to enhance faculty salaries, reduce student debt through scholarships, assure a strong, relevant core curriculum, and evaluate the need to increase class size. We will also work to attract racially diverse students to better reflect the population of this country.

During the last century, a significant period of change, growth and advancement occurred in veterinary medicine. I am proud to say the College of Veterinary Medicine has been a world leader. I hope 100 years from now, when the dean is writing a column, he or she will value all we have accomplished. I hope our time is deemed one of vision, distinction and excellence for the betterment of the college, the profession and society.

Sincerely,

Ralph C. Richardson, DVM  
Dean, College of Veterinary Medicine

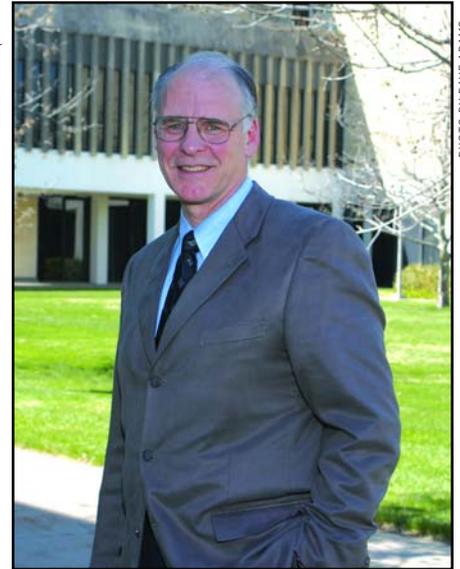


PHOTO BY DAVE ADAMS

# Changes in K-State's Agricultural Practices Section,

## A Conversation with Dr. Dan Thomson



Story and Photo by Brennan Engle

**Agricultural Practices section: (l-r) senior technician Sharon Tucker, Dr. Melanie Boileau, Dr. Eric Moore, Dr. Mike Sanderson, Dr. Peter Chenoweth, Dr. Shelie Laflin, section head Dr. Dan Thomson (seated).**

### Why is the future of food-animal medicine important to K-State?

Kansas encompasses all segments of the beef industry. We have a large cow-calf population, large stocker and feedlot operations that attract cattle from across the country and packing plants. Other states may have the same elements, but only Texas surpasses us in number of cattle. If there's one thing that we should be known for, it's beef production medicine.

### How will emerging market trends affect your approach at K-State?

We have to offer great service to Kansas beef practitioners. Instead of competing with large animal practitioners, we need to support them. We can offer new diagnostic tools and production medicine tips to them. Practitioners are spending more time on preventive medicine, production and performance consultations, antimicrobial selection and reproductive synchronization. Our college is moving toward an all-encompassing scope in the way we serve them.

### What is your relationship with the animal sciences department?

We are sharing a teaching herd so we can teach clinical skills on a routine basis, leaving more flexibility for us to work on the production medicine problems. There have been discussions about splitting faculty member appointments between the College of Agriculture and the College of Veterinary Medicine, which would be unprecedented in the United States. We're also working on plans of future facilities together.

### What initiatives exist for students?

Externships are a must. That is where students work with practitioners in Kansas and Nebraska. Most practitioners are good teachers and enjoy interacting with students. It also keeps us networking with alumni. Students, practitioners and professors form a triangle where we're all helping each other through research, teaching and outreach. We hope to foster relationships with alumni that will attract students to practices in Kansas that need new associates and owners.

### Do you anticipate any new faculty changes?

We have open positions and we're adding faculty. Currently, Dr. Shelie Laflin handles our local practice and teaches clinical skills. She is certified in carcass and reproductive Ultrasound and has a strong background in purebred beef ranching and small ruminants.

Dr. Melanie Boileau is managing our surgery and medicine referral cases. She also teaches many medicine lectures and has a great background working with camelids. Dr. Mike Sanderson is a cow/calf production medicine specialist. His teaching and research deals with epidemiology and bio-security.

Dr. Peter Chenoweth, our Coleman Chair, is leaving to return home to Australia, and we will be advertising his position soon. We also have two open clinical positions. One would work with Dr. Laflin in local practice, and the other would work with Dr. Boileau in medicine and surgery.

We recently hired three faculty members who will start this summer. Dr. Mike Apley from Iowa State University is a beef production medicine specialist and is boarded in pharmacology. He will establish the world center for food animal therapeutics at K-State and work in production medicine. Dr. Brad White from Mississippi State University is a cow/calf and stocker specialist. He has implemented individual animal identification in the beef industry from birth to the retail counter. And, we've hired Dr. Hans Coetzee from Iowa State University, a production medicine specialist with beef and dairy experience.

We'll also have three clinical instructor/post-graduate trainee positions, which allow practitioners to return to K-State for advanced study while teaching students.

# A PRESIDENTIAL



Associate dean Dr. Ronnie Elmore in his office displaying a photo of President Dwight D. Eisenhower with his weimaraner, Heidi. Dr. Elmore is an aficionado on first pets, and has been featured on national television speaking on the subject.

Story and Photos by Brennan Engle

## PASSION

**H**is knowledge of presidential pets has made Dr. Ronnie Elmore, associate dean at Kansas State University's College of Veterinary Medicine, somewhat of a celebrity.

In January 2005, Dr. Elmore appeared on national television along with four other historians in a special on "Animal Planet" about U.S. Presidents and their pets. This isn't his first foray into the national spotlight. Dr. Elmore was interviewed three years ago by NBC when former President Bill Clinton's dog, Buddy, died.

Dr. Elmore's fascination with first pets began 15 years ago when he toured the President Dwight D. Eisenhower Library and Museum in Abilene, Kan. He noticed pictures of Eisenhower with a dog. "I thought if Ike had pets, the other presidents probably did as well, so that's how it all got started," he said.

Dr. Elmore likes to recount a little-known story about a president's pet that lived at K-State. In 1944, while then-Gen. Dwight D. Eisenhower was commanding the preparation for the invasion of Europe during World War II, his younger brother, Milton, was the president of K-State. Dr. Elmore said Gen. Eisenhower made a secret trip to Manhattan to visit his brother. "Even though Ike was busy overseas directing the war, he made a short visit to Manhattan one night to have supper with Milton," Dr. Elmore explained. During the visit, the general gave one of his dog's puppies to Milton's daughter, Ruthie. "One of President Eisenhower's puppies was raised on our campus. To me that's just fascinating."

Dr. Elmore also belongs to the American Political Items Collectors, a national club dedicated to the preservation of artifacts relating to political campaigns.

He owns several hundred pieces of memorabilia relating to presidents and their pets. His favorite is a rare, bronze sculpture of President Warren Harding's Airedale Terrier, Laddie Boy. Only 1,000 of them were manufactured as gifts for Harding's supporters shortly after he won the 1920 election. Dr. Elmore always looked for a "Laddie Boy" figurine while traveling the country. Ironically, it was in Manhattan, Kan., where his wife stumbled onto one at an antique store. "I'm very fortunate to have him," he said.

Dr. Elmore is just as willing to share his hobby with students or local civic clubs as he is to appear on the evening news. "It's very gratifying to share the history and help people have fun with it."



# A Revolutionary Approach

Story and Photo  
by Brennan Engle

Thanks to the dogged determination of Dr. Michael Dryden, pet owners around the world are able to live more comfortably with their animals free from fleas.

Under Dr. Dryden's leadership, the Kansas State University College of Veterinary Medicine has been home to the only flea research laboratory in the world. The flea lab has had a profound impact on flea control, a market that consumers spend \$1.5 billion on each year. Dr. Dryden, a professor of veterinary parasitology, is responsible for helping formulate widely-used anti-flea treatments such as Revolution®, Frontline®, Advantage® and others.

His interest in fleas began in the mid 1980's when he was a practicing veterinarian in Wichita, Kan. Dr. Dryden had become frustrated trying to treat pets during summers that saw thriving flea populations. The treatments available at the time just didn't seem to do any good.

A few years later, while pursuing his master's degree at Purdue University, Dr. Dryden got a chance to conduct his thesis on fleas, but soon he realized he was in for a challenge. "It didn't take me long to figure out there was virtually no information on fleas in dogs and cats," he recalled.

Extensive research had been performed on the rodent flea during the

last century, which was known to transmit the bubonic plague, but little had been done on the only species of flea that infests dogs and cats, *Ctenocephalides felis* (called the cat flea). For decades, it was assumed that there were no differences in the biology and behavior of the two species. But there were major differences. "Everything we were told about the fleas of domestic animals was wrong," Dr. Dryden said.



*Ctenocephalides felis*

His key discovery, one that would reverse traditional assumptions, dealt with reproduction. He found that fleas are permanent ectoparasites, which means they can only reproduce while on their host. This contradicted the belief that fleas fed on the host, then jumped off and laid their eggs in the surrounding environment. "That was the single paradigm shift that allows for everything we do today," Dr. Dryden said. "It seems like a small point, but it was huge."

It was huge because he realized fleas and their eggs could be killed before they ever left the host, a significant point considering each female flea lays 50-100 eggs per day. "If you can stop a species from reproducing, they die within a generation, and you've got flea control."

Dr. Dryden explained that even a mild infestation can turn an animal into a "salt shaker," dropping eggs back into the environment to mature and continue the cycle.

*Dr. Michael Dryden*

*Years spent researching fleas: 19*

*Number of seminars attended to give presentations on fleas and parasites: 500 in 21 countries on six continents*

*Total funding received from pharmaceutical companies to conduct flea research: \$2.3 million*

*Pets benefited from this research: tens of millions*

*Number of veterinary students who have worked on the flea team: more than 150*

*Number of research animals adopted to good homes: 500*

In 1990, he was offered a position at K-State, his alma mater, to establish a flea laboratory. By that time, the pharmaceutical companies were already seeking his consultation on new flea control products.

Over the next 15 years, Dr. Dryden led a team of students testing nearly every flea product on the market. They continued learning more aspects about the egg reproduction, longevity, host associations, host acquisition mechanisms and insecticide resistance parameters of fleas. The flea team was the first ever to

# ach To Controlling Fleas



conduct field studies - in Manhattan, Kan. and Tampa, Fla. - observing pet owners in their homes applying flea products to their pets. The team found that most owners could not effectively administer the baths, dips and sprays. Even if they could, the procedures had to be repeated constantly or the fleas would return. Fleas and products used to control them were next to impossible for consumers to manage.

By 1996, Dr. Dryden had helped companies develop a new generation of topical treatments. These spot-on

applications proved to be easy to administer, less costly and, most of all, successful. More recently, Dr. Dryden has been instrumental in the conceptualization of the product Frontline Plus®, which combines the compound s-methoprene - that acts as a synthetic birth control in fleas - to the insecticide fipronil in Frontline®.

With the success of the new generation products, treating the environment of the animal has become unnecessary 95 percent of the time. The K-State flea laboratory helped

flea control move into a new era.

Dr. Doug Carithers, senior director of Companion Animal Veterinary Services for Merial, the company that manufactures Frontline®, said that Dr. Dryden can be trusted for his honest, sound judgment. "Mike stands on science. If that science provides a benefit to the pet and pet owner, he will tout that technology," Carithers said. "That's the kind of attitude that benefits us all."

Dr. Dryden is highly sought after to talk about various aspects of his research. He has given over 500 lectures in 21 different countries, and has been featured in countless newspapers, magazines and television programs.

He also cares a great deal about the animals he uses in research. His Cat Angel and Dog Angel programs have found good homes for 500 cats and dogs that participated in product evaluations - free of fleas, of course.

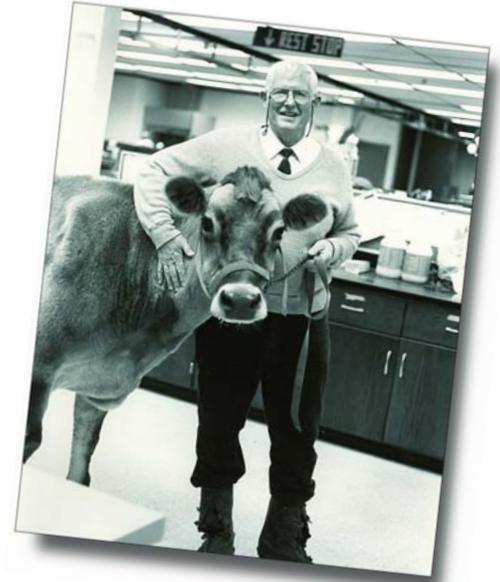
Dr. Dryden is now embarking on the unexplored area of ticks on dogs and cats. He has begun field studies of dog ticks from the rural Kansas prairie. His initial work will focus on the Lonestar, American Dog and Brown Dog Ticks, and eventually the Black-Legged Tick that carries Lyme Disease.

For Dr. Dryden, he is just happy to be able to help those who needed an answer to a frustrating problem. "It's my job to educate the pharmaceutical industry," he said. "If they can do a better job, then we have better products which are better for the pets, better for the home owner, better for the veterinarian, and everybody benefits."

# Dr. Russ Frey's Legacy of Communication



Dr. Russ Frey was a professor at the College of Veterinary Medicine, dairy farmer, veterinarian and county commissioner. He was effective in reaching out to people whether it was in a county commission meeting (above), or in the classroom with his favorite cow "Nicki" (right).



**"It was obvious that Dr. Frey loved this profession. His attitude was contagious, and I hope that we all continue to remember and emulate his love for veterinary medicine."**

-Corbin Hodges  
on behalf of the class of  
2005

By Brennan Engle

Dr. Russ Frey was a veterinarian, educator and public servant who encouraged people to get together, listen to each other and trade ideas. Those who knew him best called him "a great communicator." The communication that was important to Dr. Frey, who taught 40 classes of veterinary students at the Kansas State University College of Veterinary Medicine, will not be forgotten.

In April, the CVM dedicated the "Russ and Pat Frey Conference Center," a state-of-the-art multimedia facility made possible by a lead donation provided by the Freys shortly before Russ' death in 2003.

### *The Technology*

The facility, on the second floor of Coles Hall, is equipped with a multi-

media technology system that can be controlled through the ease of a touch-screen. Without formal training, users will be able to manage video selection to a projector and LCD monitor, presentations from a laptop computer or document camera, incoming or outgoing conference calls and all room cameras.

The room will be instrumental in interfacing meetings with people in other locations for lab demonstrations, guest seminars, classes and research projects.

### *About Russ Frey*

Dr. Frey grew up on his family's 240-acre dairy farm just north of Manhattan in the area now known as the Blue Hills. There he developed a love for animals that would lead to a long and distinguished career as a veterinarian and instructor.

He graduated the youngest in his class at the age of 22 when he received his DVM from K-State in 1952. He completed his senior year of veterinary school while serving in the U.S. Air Force Veterinary Corp, and worked as a veterinarian on an Air Force base in Germany for two years. After his stint with the military, he moved to South Dakota to practice in a large animal clinic.

In 1960, Dr. Frey returned to K-State where he began a 40-year career teaching nutrition, and digestive, renal and metabolic physiology. He served as head of the department of anatomy and physiology from 1975 to 1990.

### ***A Gifted Educator***

As a professor, Dr. Frey was very student-oriented. He had a keen memory and prided himself on being able to remember all of his former students by name and the year they graduated, even decades after they left K-State. He was also known for hosting a mountain oyster fry on his farm for the students called "Frey's fry."

"The students were all very important to him," Pat said. "He wanted them to get the very best education they could."

Jeremiah Nilges, a student from Dr. Frey's last class, remembers the professor's enthusiasm. "Dr. Frey knew our interest levels after lunch would not be at their best, so he would always throw humorous and personal stories into his lectures," Nilges said. "He would always ask at the beginning of class if we were 'fired up' because he was 'fired up.'"



**Dr. Frank Blecha, anatomy and physiology department head, left, with Pat Frey at the dedication of the "Russ and Pat Frey Conference Center" in Coles Hall on April 13.**

### ***Actively Involved***

A great deal of Dr. Frey's professional involvement as a veterinarian focused on the Kansas Veterinary Medical Association. He served as president of the KVMA and as a liaison for the KVMA to the Kansas Legislature and a delegate to the American Veterinary Medical Association House of Delegates. In 1991, he was voted Kansas Veterinarian of the Year.

### ***Serving The Public***

In 1995, Dr. Frey ventured into the public arena by running for Riley County Commissioner.

One of his goals was to find a way to build a larger law enforcement center in Manhattan. Dr. Frey's efforts to have the issue placed on the general election ballot were successful. The measure was approved by the voters, and the community received a new facility on the edge of town. Fellow County Commissioner Al Johnson fondly remembers serving with Dr. Frey. "I have a very high regard for him and always have had. He was a very intelligent man, a hard worker and an outstanding human being."

Dr. Frey served two terms as

commissioner while phasing out at K-State into retirement. During that time he also served on many local boards and as the president of the governing board of the Kansas Association of Counties.

After finishing his second term in office, Dr. Frey began working with faculty from the CVM, who saw a need for a televised conference

room, and he agreed to help solicit funding for it. Sadly, he was diagnosed with an aggressive form of cancer only months later. The conference center was such an important project to Dr. Frey that he made plans to provide the lead donation. Five weeks after being diagnosed, Dr. Frey passed away on Sept. 17, 2003, at age 73.

"No matter what he was doing, he always knew it was important to keep the communication going, whether it was in the classroom, one-on-one with a faculty member, or in a county commission meeting," said Dr. Frank Blecha, anatomy and physiology department head. "That communication is what we hope to continue and enhance with this conference facility."

#### *Editor's note:*

*A ribbon-cutting ceremony for the Russ and Pat Frey Conference Center was held on April 13. Highlights from the event will be presented at the college's centennial celebration. Dean Richardson will acknowledge the conference center June 5 at 12 p.m. during the opening of the 67th Annual Conference for Veterinarians at the K-State Union. A tour of the college and the conference center will follow Sunday afternoon.*



PHOTO BY DAVE ADAMS

## getting *Back on Track* with **TheraPeT**

By Brennan Engle

**N**ichole and Josh Tribble were devastated when their 5-year-old Lhasa Apso, Teddy, was hit by a car and suffered a severe spinal cord contusion. Although Teddy survived, his hind legs were completely paralyzed.

The Tribbles could hardly bear the thought of parting with Teddy, but didn't want him to suffer so they lovingly considered euthanizing him. When it was apparent that Teddy would not regain use of his legs, Dr. Brian Cellio, the neurologist who treated Teddy at the Veterinary Specialty and Emergency Center (VSEC) in Overland Park, Kan., suggested trying one more option: canine physical therapy. Nichole and her husband were willing to try anything. "You'd

do everything you can for your kids, and Teddy is definitely like one of our children," she said.

Dr. Cellio referred Teddy's case to Sandy Brown, a canine physical rehabilitation therapist whose business, "TheraPeT," is located in the VSEC complex.

After working with Teddy, mostly in an underwater treadmill for several sessions, his condition improved. He began to walk.

### ***A New Trend***

Brown, who is one of about 200 people in the United States practicing physical therapy on animals today, believes it is simply the next step in providing the comprehensive medical care that pet owners are seeking. "Today people are willing to

go further with their pets, and there are more treatment options than ever before," Brown noted. "Twenty years ago Teddy would have been put to sleep. We would not have known what to do for him."

### ***How It Began***

Brown is part of a field in veterinary medicine that has emerged during the last five years. She became interested in treating dogs shortly after getting her master's degree in physical therapy from the University of Kansas five years ago. In 2003, she graduated in the first class of a new canine rehabilitation program at the University of Tennessee, developed by a team of veterinarians and physical therapists.

"Sandy is very unique," said Dr.

Chad Johannes, KSU '97, an internal medicine doctor at VSEC. "There aren't very many like her. The service she provides to the patients is very beneficial, and that's why we're fortunate to have her."

Brown treats dogs with conditions ranging from obesity and muscle sprains, to post-orthopedic surgery and intervertebral disk disease. She also handles many of the treatments offered in human physical therapy including myofascial release, electrical stimulation, swimming, cold and heat therapy, range of motion stretching and treadmill therapy.

She pointed out that physical rehabilitation can't be only about hard work for animals. "I try to make it fun for them. I give them treats and let them roam around when they get



PHOTO COURTESY SANDY BROWN

**Teddy makes huge strides after an accident left him partially paralyzed.**

here. It's not intimidating," Brown said.

Henry, a black Labrador who suffers from arthritis, had surgery to remove bone fragments in his elbow. He gets a 15-minute session in the underwater treadmill once a week. Not only is his limp gone and energy increased, but he also enjoys the



PHOTO BY DAVE ADAMS

**Henry, a black Labrador, gets his workout in the underwater treadmill. An underwater treadmill can be beneficial to dogs who have had orthopedic surgery, need to lose weight or have neurological damage.**

water and attention. "Henry's beside himself. He really loves coming to TheraPeT," said Nancy Gordon, Henry's owner. "He's a water dog anyway, but he absolutely loves it."

### ***Feeling Their Pain***

The underwater treadmill can provide a wide variety of resistance-oriented exercises. Water height and treadmill speed can be adjusted to precise levels. In the case of an injured leg, a flotation device or extra weight can be added to target a certain muscle group. "We can't ask a dog to perform a specific number of hamstring or bicep repetitions, so we have to be creative with movement techniques which will get the job done," Brown explained.

Working with dogs instead of humans is much more rewarding for Brown, but she admits communicating with non-verbal patients can be tricky. "The challenging part is not being able to have the dog tell you exactly where it hurts. You have to observe all the signs, listen closely to the owner, and put it all together to come as close as you can to knowing how the dog feels."

### ***A K-State Connection***

Developing an emotional connection with animals is not something new for Brown. In fact, it was through her relationship with her two pot-bellied pigs, Ziggy and Bingo, that she developed a special connection with K-State. For many years Brown brought her pigs to the Veterinary Medical Teaching Hospital at K-State for routine healthcare. Eventually Bingo became ill and was euthanized there. Brown was struck by the compassion displayed by the doctors and students. "They took just as good of care of me as they did Bingo as we quietly put him down. I was really moved by how thoughtful and compassionate K-State was to me. I'll never forget it," she recalled.

Shortly after her Bingo's death, Brown received a letter informing her that two of the doctors had made a donation in memory of Bingo to the Pet Trust, a CVM program honoring the human-animal bond. Pet Trust contributions go toward supporting needs within the hospital and college. Brown was so moved by the experience that she wanted to learn more about the Pet Trust and became

involved, serving on its board. She also established four scholarships in memory of Bingo. In July, she will take over as chair of the board, a job she is excited about. She said informing other practicing veterinarians about the Pet Trust so they can use the memorial program for their clients will be her main priority. "My mission will certainly be to spread the word statewide about the Pet Trust," Brown said. "It is a win-win situation for everyone. It's about celebrating the human-animal bond, and I really dig that."

### *Other Passions*

Physical fitness has always been an important part Brown's life. Before becoming a physical therapist, she

spent 18 years traveling the world as a professional juggler, performing as a solo act, and later in a group called "Gravity's Last Stand."

She and her husband, Lee Bittenbender, live in Lawrence with their three cats and a dog, Trooper. They also enjoy mountain hiking in their free time. Last year, they summited Mt. Kilimanjaro in Tanzania and this year plan to hike in the Mt. Everest area.

### *A Promising Prognosis*

Today, Teddy is approaching a 100 percent recovery, and the Tribbles are overjoyed to be a complete, happy family again.

Nichole said they owe all of Teddy's success to Brown and Thera-

PeT. "Sandy has a very positive outlook. She urged us to go the extra mile with Teddy," Tribble said. "I never dreamed he'd be able to walk again. If it weren't for her, he probably never would have."

Brown takes pride in being able to provide hope for animals that aren't responding to basic treatment or just need a little extra help. And she doesn't underestimate the impact her help can have on the lives of everyone involved.

"Canine physical therapy is very similar to human pediatrics, in that the animals are the owners' children," Brown said with a smile. "I work with their children, and I enjoy seeing the love between the pet and owner. It's just really moving."

## *Hafen: a Haven for Greiving Clients*

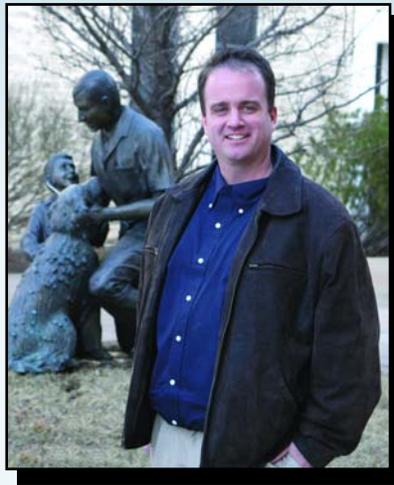
By Brennan Engle

There is a new doctor at the College of Veterinary Medicine, but he's not a veterinarian. Dr. Mac Hafen is the college's new grief counselor.

His position is brand new, funded by the Pet Trust program. Dr. Ruthanne Chun, chair of the Pet Trust Board, says hiring a therapist to help bereaved pet owners has been a top priority of the board for several years. "Since the main goal of the Pet Trust is to support and honor the human animal bond, hiring a qualified counselor to help provide that support was a natural next step for us."

Dr. Hafen is available for grief counseling to clients of the Veterinary Medical Teaching Hospital and pet owners from clinics that use the Pet Trust.

He moved from Provo, Utah, where he was born and raised. Dr. Hafen received his master's degree in family and human development from Utah State University and his Ph.D. in



**Dr. Mac Hafen, LCMFT, Ph.D.**

marriage and family therapy from Brigham Young University.

Losing a pet can be just as traumatic as losing a family member, Dr. Hafen explained. "For some people, the strongest bond they have with another living being is with their pet. And when this bond is broken, there can be a sense of profound loss," Dr. Hafen said. "Grieving for a pet is perfectly normal."

He recommends coming up with a ritual to memorialize the beloved animal. Although the ritual can be something as elaborate as a memorial service, he says it can take many forms. "Other possibilities include creating a photo montage or memorial plaque, planting trees or flowers, writing a poem or creating a song."

Dr. Hafen is also available for general mental health therapy to veterinary students and short-term consultation with faculty and staff of the CVM. Part of his time is also spent lecturing classes on issues such as interpersonal communications, stress management and balanced living.

Dr. Hafen, wife Meagan, and their two sons, Trey, 6, and Parker, 3, are enjoying their new home in Manhattan. "We have been impressed with the friendly and welcoming nature of the people here. I have felt especially welcome within the College of Veterinary Medicine and thank everyone who made my transition so comfortable."

# FOR 20 YEARS TRUSTED



By Brennan Engle

The Kansas State University College of Veterinary Medicine has been celebrating the human-animal bond for 20 years through the Pet Trust program.

Started by the late Dr. Jake Mosier, the Pet Trust is a program that honors the memory of deceased pets. Donations are made in the memory of a pet, and their name is forever memorialized in a book in the Veterinary Medical Library. The donations go toward funding countless needs within the college including scholarships, hospital renovations, and studies designed to investigate disease and relieve companion animal suffering.

"The Pet Trust is a wonderful way to express sympathy to a grieving pet owner," said Myrna Gleue, Pet Trust coordinator. "Over the course of 20 years, we have filled nearly 60 memorial books. Animal lovers of all kinds use the Pet Trust. People make donations for their friends and relatives, and occasionally we receive contributions in recognition of a veterinarian or a veterinary student for the care they provided and the kindness shown to an owner. At times, we even receive human memorials from a loved one or a veterinarian who cared for the person's pets."

Dr. Rick DeBowes, professor of surgery and chair of the Veterinary Clinical Sciences at Kansas State University from 1982-2000, remembers the inception of the program. "Jake Mosier understood the power of the human-animal bond," Dr. DeBowes said. "He had come up with the idea and was able to put together a small cadre of about 60 giving veterinarians to help support it."

In the 1990's, Dr. DeBowes assumed leadership of the program and its potential was leveraged significantly. "There's never been a person who has made a donation to the Pet Trust who hasn't met with a positive outcome for having done so," Dr. DeBowes maintained.

During the last four years, the Pet Trust has received nearly \$500,000 for the college.

Last year, 7,500 memorials were received, and this year a new project is under way that is generating new excitement called the "Whispering Garden." While the Whispering Garden works collectively with the Pet Trust, it is a very unique project. With a \$40 donation, a photograph of a deceased pet is transferred onto stainless steel plaque called a Forever Photo. The Forever Photos, measuring approximately 2" X 2", will also be displayed on panels in the newly-developed Whispering Garden near the entrance of the CVM campus. The donor also receives a replica of the Forever Photo as a keepsake. "We've had a wonderful response, and people love to show off their Forever Photos to family and friends," Gleue said.

The Pet Trust has a seven-member governing board that makes recommendations to the CVM for the expenditure of funds raised through the program. The Pet Trust recently committed \$100,000 to a future renovation of the Small Animal Intensive Care Unit in the Veterinary Medical Teaching Hospital. Commitments designated for research increased this year from \$5,000 to \$10,000.

The Pet Trust also awards four \$2,500 scholarships each year to fourth-year veterinary students for compassion and professionalism in support of clients who have suffered the loss of a pet.

**"Forever Photo" keepsakes that will be displayed in the Whispering Garden.**



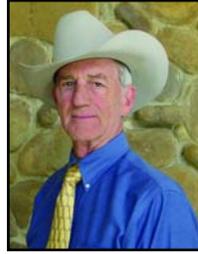
# Alumni Recognition Awards

## Dr. Dallas O. Goble ('69)

was honored with a 2004 Alumni Recognition Award from Kansas State University College of Veterinary Medicine. The award was presented at the American Association of Equine Practitioners Dec. 5, 2004.

Dr. Goble, who grew up on a ranch and started riding horses at the age of two, received a degree in agriculture from K-State in 1965 and his

DVM in 1969. He was a faculty member at the the Michigan State College of Veterinary Medicine and later the equine surgery/clinical professor at the University of Tennessee from 1976 until retiring in 2003. Dr. Goble and his wife, Brenda, live near



Dr. Dallas Goble

Knoxville, Tenn. Although retired, Dr. Goble remains busy as the Budweiser Clydesdale herd health consultant. Dr. Goble travels all over the United States evaluating the 250 horses in the Budweiser herd.

Dr. Goble still finds time to perform elective equine surgeries and give continuing education presentations. He has been published in more than 50 articles and books.

## Dr. Steven Hodes ('79)

was awarded a 2005 Alumni Recognition Award from the Kansas State University College of Veterinary Medicine during the North American Veterinary Conference, Jan. 9.

In 1980, Dr. Hodes established the Hodes Veterinary Group and Mobile Veterinary Service in Mine Hill, NJ.

His practice has grown to

employ five veterinarians and more than 20 staff members, making his practice one of the largest in northern New Jersey.

Dr. Hodes' community involvement includes providing care for the K-9 units with the Morris County Sheriff,



Dr. Steven Hodes

and the County Park Police, giving lectures to local hospitals and schools. His professional memberships extend to the American Veterinary Medical Association, Kansas Veterinary Medical Association and the New Jersey Veterinary Medical Association.

Dr. Hodes lives in Rockaway, N.J., with wife, Colleen, also a K-State graduate.

## Dr. Joseph E. Landholm ('56)

of Sedona, Ariz., was awarded a 2005 Alumni Recognition Award from the K-State College of Veterinary Medicine during the Western Veterinary Conference Feb. 21.

Dr. Landholm has had a unique career practicing elements of eastern veterinary medicine since the early 1970's.

In 1975, he was certified as a veterinary acupuncturist by the Interna-



Dean Richardson with Dr. Joseph and Sonya Landholm

tional Veterinary Acupuncture Society. He became a natural therapeutics

specialist after taking additional training in massage, herbology and Shiatsu. Dr. Landholm retired from the Fairview Veterinary Clinic in Lexington, Neb., in 1986 to become self-employed in veterinary acupuncture, massage and natural remedies.

He combines these techniques with traditional veterinary practices and has gotten responses to medical conditions that "western medicine has no way of helping," he said.

## Dr. Merton "Cap" Dierks ('61)

was honored with a 2005 Alumni Recognition Award from the K-State College of Veterinary Medicine in appreciation for his time and effort devoted to advancing veterinary education through the Nebraska Legislature and for being an exemplary role model.

The award was presented at the banquet during the Nebraska Veterinary Medical Association's annual

meeting Jan. 24.

Dr. Dierks co-owned the O'Neill Veterinary Clinic for 19 years until his retirement in 1992. As a dynamic member in the community, Dr. Dierks is very involved having served on the St. Anthony's Hospital Board of Directors and as president of the Nebraska



Dr. Cap Dierks

Veterinary Medical Association.

1986 was a pivotal year for Dr. Dierks. He was named veterinarian of the year and was elected to the Nebraska Senate, a post held for an impressive 16 years. While in the senate, Dr. Dierks helped found the Organization for Competitive Markets and served as chairman of the agriculture committee. He has loved animals since an early age growing up on his family's ranch.

# Mosier Family Honored at KVMA Gala



The Mosier family was recognized at the Kansas Veterinary Medical Association's annual awards gala brunch on Jan. 16 at the Hilton Hotel in Wichita, Kan. Eight Mosiers have earned their DVM's from K-State.

The Mosier family has been awarded a 2005 Alumni Recognition Award from the K-State University College of Veterinary Medicine.

Dr. Jacob "Jake" Mosier was the first of nine veterinarians in his family who earned their DVM's from K-State. Dr. Mosier was a professor of

surgery and medicine, and director of the teaching hospital for many years. He passed away in April 2001.

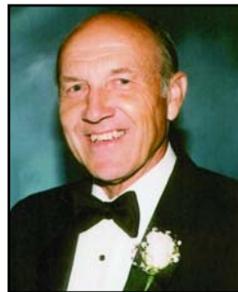
Four of his brothers devoted their lives to the veterinary profession as well. Dr. Ross Mosier owned his own private practice in Spalding, Neb. He retired in 2001.

**Dr. James Boyd ('57)** was posthumously awarded a 2005 Alumni Recognition Award from the K-State College of Veterinary Medicine. He was selected for the award because of his devotion to advancing the profession of veterinary medicine and his concern for his community.

His wife, Inez Boyd, accepted the award in his honor at the banquet for the Nebraska Veterinary

Medical Association's annual meeting on Jan. 24, in Kearney, Neb.

Dr. Boyd established the Bellevue Animal Hospital in 1963, and remained there until he sold it in



**Dr. James Boyd**

Dr. Larry Mosier obtained his DVM in 1960 and ran a large animal practice in Sargent, Neb., until his retirement last year.

Dr. Donald Mosier established a practice in Spalding, Neb., later moving to Cedar Rapids in 1969, where he continues to work.

Dr. Steve Mosier, the youngest brother, received his DVM in 1966 and opened a mixed animal practice in Hays, Kan., where he continues to practice.

A second generation of Mosiers is carrying on the family tradition. Kelly Mosier and Brad Fansher put their veterinary skills to use as ranchers. Dr. Melissa Schilling received her DVM from Iowa State University in 1995 and is a staff veterinarian for the United States Department of Agriculture in Ames Iowa.

Dr. Derek Mosier, a professor of pathology, is the only family member currently employed by K-State.

**Dr. Dean A. Rice ('74)** of Phoenix, Ariz., was honored with a 2005 Alumni Recognition Award from the Kansas State University College of Veterinary Medicine for advancing the profession of veterinary medicine and being an exemplary role model. The award was given at the Western Veterinary Conference Feb. 21, in Las Vegas, Nev.

Not only is Dr. Rice a successful veterinarian, but he also an astute

businessman, having established five clinics during the past 20 years. He built the clinics, hired young veterinarians to run them, and later sold the clinics. He currently owns and works part time at the Animal



**Dr. Dean Rice**

2003. His hospital was the first fully accredited American Animal Hospital Association veterinary hospital in Nebraska. As a founding member of the Emergency Animal Clinic for Small Animals, Dr. Boyd has contributed to the Omaha metro area.

Dr. Boyd passed away in February of 2004. Inez remembers her husband was always anxious to help people and to take late-night calls.

Clinic at Mountain Park Pavilions in Phoenix, Ariz.

Dr. Rice has been involved in the Arizona Veterinary Medical Association, the American Veterinary Medical Association and served as director of the Western Veterinary Conference from 1994 to 1997. His community service includes serving as director of the Arizona Boys Ranch and chairman of the Phoenix Zoo Animal Health Committee.



## research tips & ASSISTANCE

by Carol Elmore

I have received some feedback from several of you about not being able to find exactly what you were searching for in PubMed.

PubMed does not index every veterinary journal, so sometimes other databases must be consulted. One of the primary veterinary databases is CAB Abstracts produced by CAB International. According to their website: [www.cabi.org](http://www.cabi.org) "Its purpose is the generation, dissemination and use of knowledge in the applied biosciences to enhance development, human welfare and the environment."

Although there is a subscription charge for CAB, the organization is providing a very low cost subscription to the animal science section of the database (on [www.animalscience.com](http://www.animalscience.com)) which covers veterinary medicine and animal science topics very comprehensively. Some of the veterinary topics covered include animal diseases and disorders, healthy animals, veterinary public health including food inspection, pharmacology, animal behavior, slaughter, zoonoses, pharmacology, hygiene, dairy science and technology as well as other related topics. CAB Abstracts is international in scope and indexes most foreign veterinary medical journals. The databases also indexes related books, conference proceedings, technical reports and bulletins. It is very user friendly with many helps included to guide your searching. If you don't think that you would search that often, you can also contact me at the Veterinary Medical Library to perform a search for you.

[http://www.vet.k-state.edu/depts/library/research\\_services.htm](http://www.vet.k-state.edu/depts/library/research_services.htm)

VETERINARY MEDICAL LIBRARY  
KANSAS STATE UNIVERSITY  
408 TROTTER HALL

# Alumni Class News

1946

Dr. John L. Noordsy, Manhattan, Kan., received the 2004 Amstutz-Williams Award, one of the most prestigious awards presented by the American Association of Bovine Practitioners. Dr. Noordsy has been a food production animal advocate his entire career, and has published many articles and texts on the subject.

1962

Dr. Janice M. Miller, Ankeny, Iowa, was named the recipient of the William P. Switzer Award in Veterinary Medicine from the College of Veterinary Medicine at Iowa State University. Dr. Miller was presented the award during the college's Scholars Research Day, Aug. 13, 2004.

1965

Dr. Tom Purinton, Athens, Ga., emeritus faculty, was honored with the Meigs Award from the College of Veterinary Medicine at the University of Georgia in April 2004. Understanding his subject, passion and ability to instruct, development of effective and novel teaching methods, dedication to students, and unselfishness were among the many reasons that Dr. Purinton was selected for the award.

1966

Linda Mosier, wife of Dr. Steve R. Mosier, Hays, Kan., received the KVMA Spouse of the Year Award at the annual meeting Jan. 14, 2005. Dr. Terry N. Turner, Great Bend, Kan., received the KVMA Lifetime Service Award at the annual KVMA meeting Jan. 14, 2005 in Wichita, Kan.

Dr. Richard D. Jamison, Sidney, Iowa, was named the Iowa Veterinary Medical Association Practitioner of the Year at their annual meeting in 2004.

1971

Dr. William L. Brown, Wamego, Kan., was awarded the Howard Dunne Memorial Award by the American Association of Swine Veterinarians. The award recognizes an AASV member who has made important contributions and provided outstanding service to the association and the swine industry. He was recently named the 2004 Kansas Veterinarian of the Year, the KVMA's highest honor.

1976

Dr. Joan "Jody" E. Johnson, Dwight, Kan., received recognition for her volunteer hours by the Hill's Caring Hearts Volunteer Recognition reception March 30, 2005, in Topeka, Kan. Dr. Johnson has directed her award to veterinary student scholarships at K-State.

1980

Dr. Billie D. Deam, Kansas City, Mo., owner of the Animal Clinic of Boardwalk Square, has been named to the Platte County Extension Leader Honor Roll. Dr. Deam was recognized for her years of service to the 4-H and Extension programs.

1984

Dr. Michael W. Dryden, Manhattan, Kan., received the KSU Distinguished Services award from the KVMA in Wichita, Kan., in January 2005.

2003

Dr. Cathleen J. Lombardi, Carrollton, Va., finished an internship in large animal surgery at VA-MD Regional College of Veterinary Medicine in July 2004. Dr. Lombardi has begun work as an equine/large animal practitioner in a mixed animal practice in Smithfield, Va. She married Jay Hollingsworth, an army JAG, in January 2004.

# Dr. Lechtenberg a Distinguished 'Fellow'

Dr. Kelly F. Lechtenberg, Oakland, Neb., was selected as the 2005 Alumni Fellow for the College of Veterinary Medicine at Kansas State University.

Dr. Lechtenberg was on hand to accept his award March 1, during a banquet hosted at the K-State Alumni Center. He also gave two seminars on Monday, Feb. 28, entitled "Lessons I Have Learned and Theories That I Can't Accept" and "Building a Business in the Gap Between Veterinary Medicine and Production Agriculture."

Dr. Lechtenberg, who is known for his cutting-edge research on respiratory disease in cattle and

swine, earned his DVM in 1987, and his Ph.D. in ruminant nutrition in 1988, both from K-State. Currently, he is involved in feedlot consultation and biomedical research on cattle and swine. He co-owns the Swine Biomedical Resource Centre, serves as president of Central States Research Centre and owns Logan Valley Feeders, all in Oakland.

Dr. Lechtenberg also works with an Omaha, Neb., teaching hospital developing and transplanting chimeric tissues that, in the future, may help people in need of heart transplants and diabetic management.



Dr. Kelly Lechtenberg

## In Memoriam

**Conley G. Isenberg**, DVM 1933, Fayetteville, N.C., died Oct. 3, 2004

**James B. Nichols**, DVM 1934, Bradenton, Fla., died Dec. 25, 2004

**Leonard W. Hibbs**, DVM 1935, Rock Island, Ill., died Sept. 25, 2004

**Joseph D. Manges**, DVM 1935, Rochester, N.Y., died April 24, 2004

**George E. Cottral**, DVM 1938, Melbourne, Australia, died April 21, 2004

**Merwin J. Gregg**, DVM 1938, Bath, N.C., died April 20, 2004

**Harry J. Conrad**, DVM 1939, San Diego, Calif., died May 24, 2004

**Francis M. Kennedy**, DVM 1940, Washburn, Ill., died Feb. 23, 2004

**James E. Bright**, DVM 1942, Moline, Ill., died Dec. 6, 2004

**Kenneth M. Gould**, DVM 1942, West Point, Neb., died Nov. 26, 2004

**Bernard M. Weiner**, DVM 1942, Roseland, N.J., died Oct. 25, 2004

**Raymond H. Cook**, DVM July 1943, Lincoln, Neb., died Aug. 11, 2004

**Elmer H. Strathman**, DVM Sept 1944, Rockford, Ill., died Sept. 5, 2004

**Allen B. Shopmaker**, DVM 1944, St. Louis, Mo., died Feb. 9, 2005

**Leland A. Latham**, DVM 1945, Rockport, Texas, died Feb. 28, 2005

**Lloyd M. Duke**, DVM 1946, Big Cabin, Okla., died June 1, 2004

**Leonard F. Greathouse**, DVM 1946, Midway, Ky., died Nov. 7, 2004

**Donald G. Low**, DVM 1947, Winters, Calif., died Nov. 7, 2004

**Cornelius D. Horan**, DVM 1949, Kansas City, Kan., died Jan. 5, 2005

**Sydney R. Byrd**, DVM 1950, Lubbock, Texas, died June 28, 2004

**Wallace J. Stephenson**, DVM 1951, Papillion, Neb., died Oct. 27, 2004

**John T. Price**, DVM 1951, Warrensburg, Mo., died Nov. 30, 2004

**Harold G. Easterday**, DVM 1952, Atwood, Kan., died Oct. 4, 2004

**Harold M. Johnson**, DVM 1952, Bennett, Neb., died Oct. 4, 2004

**Leo A. Whitehair**, DVM 1953, Rockville, Md., died Nov. 2, 2004

**Meredith J. Wiltfong**, DVM 1955, Fort Collins, Colo., died Nov. 29, 2004

**Wayne D. Bradley**, DVM 1956, Wayzata, Minn., died March 23, 2005

**Don J. Hofmaier**, DVM 1963, Crofton, Neb., died Nov. 22, 2004

**Jean M. Dieleman**, DVM 1964, Boulder City, Nev., died Nov. 15, 2004

**Bruce S. Blauch**, MS 1969, Manhattan, Kan., died Jan. 8, 2005

**Dr. Robert C. Just, Jr.**, DVM 1970, Newton, N.J., died Jan. 19, 2004

**Edward A. Atkinson**, DVM 1982, Aubrey, Texas, died Nov. 20, 2004

**Jane P. Carolan**, DVM 1988, Bradenton, Fla., died May 6, 2004



# COLLEGE OF VETERINARY MEDICINE CENTENNIAL CELEBRATION & 67TH ANNUAL CONFERENCE

Kansas State University's College of Veterinary Medicine will celebrate a century of excellence June 5-8, 2005. The celebration will take place during the 67<sup>th</sup> Annual Conference for Veterinarians held at the K-State Student Union. We invite you to be a part of our centennial celebration!

The centennial and the continuing education committees have organized many special activities to celebrate our 100<sup>th</sup> year.

The conference and centennial celebration will begin with class reunions on Friday and Saturday, June 3-4, followed by the Centennial Conference and Alumni Brunch on Sunday, June 5, at 10:30 a.m. in the K-State Student Union ground floor courtyard. The brunch will be followed by the keynote session given by Dr. James Coffman entitled "Transition: Looking Back, Looking Ahead." Dean Richardson will

give The State of the College and an update on the college's activities will be presented by a virtual tour of the college. Van tours of the campus and the College of Veterinary Medicine will follow with college tours led by CVM student ambassadors.

In honor of our centennial, we will celebrate "The ART of Veterinary Medicine." This display will include photographs, paintings and other fine art created by our veterinary medical community.

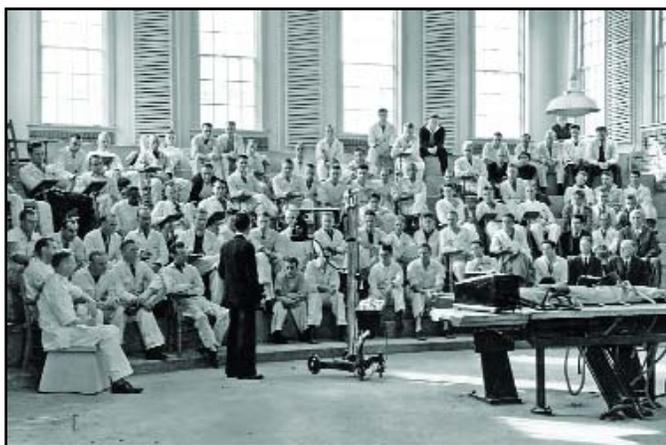
Be sure to visit the centennial, alumni, auxiliary and KVMA displays. Test your knowledge with the "Name That Instrument" contest. Place your bid at the KVMA Auxiliary silent auction. Participate in the KVMA Vaccination Clinic and Wellness Screening (Mon-Wed).

Sunday afternoon educational sessions will cover large animal and small animal topics for practitioners and will include general sessions for the whole family. The



"Name That Instrument"

The *Art* of  
Veterinary of  
Medicine



An X-ray demonstration, 1936.



Students learning MRI technology today.

PHOTO BY DAVE ADAMS

celebration will continue with a **mexican buffet and mariachi band** Sunday evening followed by entertainment by **hypnotist Dr. Al Snyder**.

The grand opening of the KVMA Veterinary Trade Show will follow with opening remarks by Dr. Ralph Richardson, Dean and Dr. Chuck Stinchcomb, KVMA President.

Also on Monday, the development office and class of 2007 will host the **11th Annual Scholarship Golf Tournament** with a 9 a.m. shotgun start at Colbert Hills Golf Course with registration at 8 a.m. Prizes will be awarded for hole-in-one, closest to pin and longest putt among others.

A Monday luncheon program will feature a K-State Speaker followed by the KVMA annual business meeting. Afternoon educational sessions include topics for **small animal, food animal, and equine practitioners** as well as **two ophthalmology labs**.

**Heritage Evening** begins Monday evening with a reception followed by dinner at the K-State Alumni Center. The evening will feature a centennial program, alumni

awards, and “A Walk through the Decades,” a program chronicling the past 100 years of veterinary medicine at K-State.

Concurrent educational sessions continue on Tuesday with sessions throughout the day for food animal and small animal practitioners plus an equine wet lab in the afternoon. Winners of the KVMA Auxiliary silent auction will be announced during the Tuesday luncheon. The KVMA trade show will be open all day with a finale at 5:30 pm with sandwiches and Call Hall ice cream!

Tuesday evening will feature “**Practice Tips by Kansas Practitioners.**” Choose large animal or small animal topics and get tips from your colleagues.

Wednesday will feature a **breakfast buffet** at 7:30 am followed by concurrent educational sessions. Wednesday topics include **wound management, vaccinology talks, jurisprudence, competing against internet retailers, and an update on agricultural biosecurity activities** at K-State. A special session, **John’s Accreditation Seminar**, will be held at the K-State Student Union on Wednesday afternoon.

For more information on any of the activities, please contact Linda M. Johnson (johnson@vet.k-state.edu) or Marci Ritter (mritter@vet.k-state.edu) at 785-532-5696. Or, check out our website at [www.vet.k-state.edu](http://www.vet.k-state.edu)

## Conference Speakers

Dr. Mike Apley	Dr. Ken Harkin
Dr. Laura Armbrust	Dr. Todd Henrikson
Dr. Don Bramlage	Dr. Sanjay Kapil
Dr. Al Brightman	Dr. Bob Larson
Dr. Bill Brown	Dr. Candy Layton
Sandy Brown, MSPT	Dr. Scott McVey
Dr. Barret Bulmer	Dr. Sue Nelson
Dr. Isabel Carbajal	Dr. Vern Otte
Dr. Carla Carleton	Dr. Steve Swaim
Dr. Jim Coffman	Dr. George Teagarden
Dr. Elizabeth Davis	Dr. Dan Thomson
Dr. Michael Dryden	Dr. Dan Upson
Dr. Ronnie Elmore	Dr. Marty Vanier
Dr. David Franz	Dr. Dave VanMetre
Dr. James Freeman	

## Kansas practitioners presenting practice tips Tuesday evening, June 7

Dr. Phillip Bentz	Dr. Tom Jernigan
Dr. Donald Coover	Dr. Billy LaRue
Dr. Garry Cowan	Dr. Mark Olson
Dr. Eva Dudek	Dr. Scott Pretzer
Dr. Steven Dudley	Dr. Pete Sherlock
Dr. Bob Gentry	Dr. Jim Swanson
Dr. Davy Harkins	Dr. Jeff VanPetten
Dr. Terry Jackson	

# A Special Thank-You to Conference Sponsors:





# CELEBRATING A CENTURY OF EXCELLENCE!

JUNE 5-8, 2005

## CENTENNIAL CELEBRATION AND 67TH ANNUAL CONFERENCE FOR VETERINARIANS



PHOTO BY DAVE ADAMS

2004



1907



For more information see pages 18-19 or contact Dr. Linda Johnson at (785)532-5696, JOHNSON@vet.k-state.edu, or visit the website at: www.vet.k-state.edu and click on Continuing Education.

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