

Kansas State University College of Veterinary Medicine

Healing Hands

Dr. Pedersen mentors Nebraskans
Alumni researching in Africa
Tech gets into veterinary college

The Art of Compassion

Clay Paws touch hearts
of grieving clients



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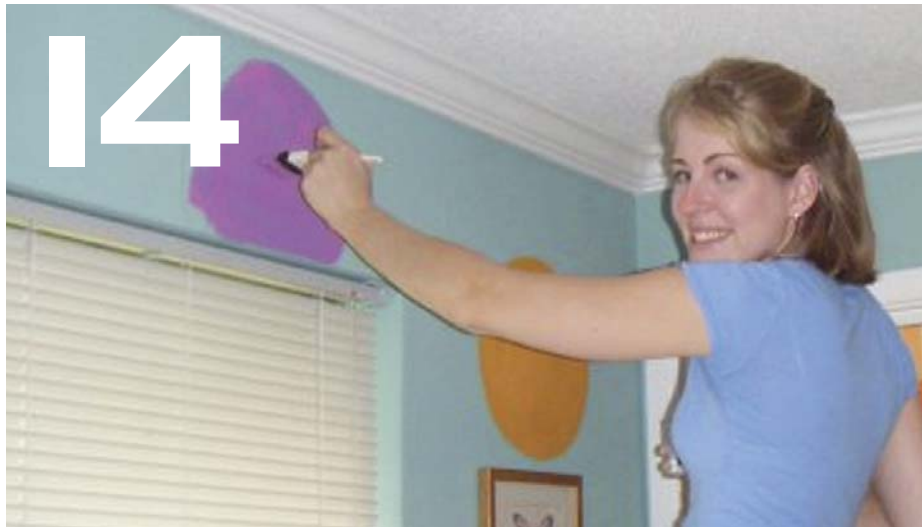
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About the cover: Fourth-year student Lindsey Smith tells about a deceased German shepherd named Oxana she painted on the back of a memento called a "Clay Paw."



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Foreword — progress

Compassion, research and planning for the future

Your K-State College of Veterinary Medicine is in the process of taking a renewed look at how we function. In doing so, I am really appreciative of the way Kansas State has always been service-driven. I think more than any other veterinary college in the country, our faculty, staff and students understand what it means to deliver outstanding veterinary services, to be good communicators, to be caring and to be compassionate.

Then to marry that with outstanding teaching and research — you put those elements together and you can see that it makes for a very special place for our students to obtain a veterinary degree.

Over the next three to five years we will see an even greater embracing of the values that are present at K-State as we look to the growth of Manhattan as a hub for the bio sciences, particularly for research in the area of infectious diseases. Already we've welcomed the Arthropod-Borne Animal Disease Research Unit (ABADRU) into our community and engaged its staff. We're in the process of welcoming the National Bio- and Agro-defense Facility (NBAF) staff to Manhattan.

To that end, the veterinary college is going through a process called Master Planning. Our goal, by early 2012, is to have a shared vision of where we need to be relative to the teaching, research and service functions of this university and the veterinary profession. We are seeking internal and external perspectives to help us be sure we are moving in a direction that will be relevant to the future, impacting our stakeholders in a positive way, while maintaining that very special role of graduating caring, compassionate, well-educated DVMs. We are also expanding the DVM degree program into other important areas such as DVM-MPH (Master of Public Health) and DVM-Ph.D., trying to be even more relevant to the world. I'm pleased at the level of ownership that our faculty and staff are taking in this process, and I sense great excitement about what may occur here.

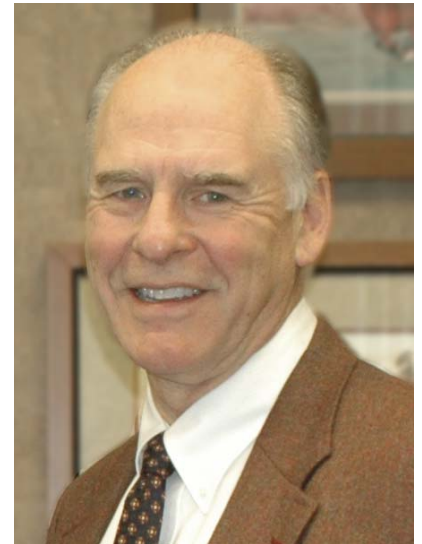
We want to capture the synergies that are possible with federal and private laboratories that are relocating to Manhattan. We don't want to squander the opportunities we have to build upon the major investment being made in the animal health fields. Whether it be from the Kansas City Animal Health Corridor, NBAF and ABADRU; from our faculty who are producing new and exciting research findings; from the delivery of outstanding veterinary care through our teaching hospital and outstanding diagnostic service through the Kansas State Veterinary Diagnostic Laboratory — we want to capture those opportunities! It just doesn't get any better than this. It's time to stand up tall and be proud to be a K-State veterinarian or a friend of the College of Veterinary Medicine.

As always, we invite you to keep in touch anytime. Be sure to find us at our new Facebook page, and look for our online newsletter, Lifelines, at the CVM website, which features monthly updates as well as new video news stories. We hope you enjoy this issue of Healing Hands with several stories about fascinating and inspiring students, alumni, faculty and college activities.

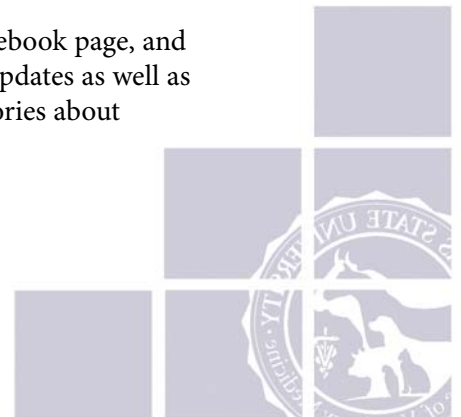
Sincerely,



Ralph C. Richardson, DVM, Dean



It's time to stand up tall and be proud to be a K-State veterinarian or a friend of the veterinary college.



bits & BYTES from the Coll

K-State names 'Coffman Commons' to honor the former dean & university provost



Dr. Jim Coffman, provost emeritus and former CVM dean, speaks at the dedication ceremony held in his honor. The Coffman Commons is an outdoor plaza near the library.

The “Coffman Commons,” an outdoor plaza with seating and garden areas south of Hale Library, have been officially named in honor of Dr. James Coffman, K-State provost emeritus and former CVM dean. Dr. Coffman and his wife, Sharon, were the guests of honor at a ceremony held in November. They were joined by their three sons and other members of their extended family.

“K-State is a great place with great values. It is a real privilege to be part of it,” Dr. Coffman said. “Having the Coffman name in this beautiful spot in the middle of the campus is exciting and very humbling. I appreciate it more than you can imagine.”

Dr. Coffman, who earned his bachelor’s degree, master’s degree, and a doctoral degree in veterinary medicine from K-State, has served the university in many capacities, including dean of the College of Veterinary Medicine from 1984 to 1987 and provost from 1987 to 2004.

As chief academic officer of K-State, Dr. Coffman’s interests included developing flexible approaches to the application of faculty time and talent;

rethinking the academic reward system so that both outstanding research and outstanding teaching were recognized and rewarded, along with service and development of intellectual property.

He was the 2004 recipient of the Iverson Bell Recognition Award for National Leadership in Diversity in Veterinary Medical Education, has been honored as a Norden Distinguished Teacher in veterinary medicine, and has received the CVM’s E.R. Frank Award. Dr. Coffman has served as president of both the American Association of Equine Practitioners and the American College of Veterinary Internal Medicine. He chaired the AVMA Professional Liability Insurance Trust. He is also one of 10 founding members of the National Academies of Practice, Veterinary Division. One of K-State’s major teaching awards is named in his honor, the Coffman Chair for University Distinguished Teaching Scholars.

AAEP awards scholarship to fourth-year student



Lindsey Horner and Cinnamon.

A longtime desire to work with horses helped a fourth-year student win a scholarship.

Lindsey Horner, St. George, Kan., received a \$1,000 scholarship through The Winner’s Circle Scholarship Program, sponsored by the American Association of Equine Practitioners Foundation, Platinum Performance and The Race for Education.

Lindsey was among 32 veterinary students receiving the scholarship this year. The Winner’s Circle Scholarship is for fourth-year veterinary students who are following a career path in equine medicine. Students are nominated from each of the AAEP’s 36 student chapters in North America.

Essay earns student trip to Kentucky

The American Holistic Veterinary Medical Association (AHVMA) announced K-State veterinary student Jennifer Huang as its essay winner. Jennifer, a second-year student, earned a trip to the 2010 AHVMA Conference held in Covington, Ky., with all of her trip expenses paid for. Her winning essay was titled “Holistics: The Balance between Mind, Body and Modern Medicine.” The conference was held in October.



Jennifer Huang

“When I heard my essay was selected, I was thrilled to have the opportunity to attend the conference without having to worry about financial limitations,” Jennifer said.

When writing her essay, Jennifer focused on how she originally became interested in holistic medicine. Then she described what contributions she made to the school, future promotion plans and what direction she sees holistic medicine heading.

College of Veterinary Medicine

Gabel and Booe join development staff



Christie Gabel

Christie Gabel and Joe Booe (pronounced “boo”), are new development officers for the CVM.

Christie, originally from Eaton, Colo., earned a bachelor’s degree in animal sciences and industry at K-State in 2007. As a student, she competed on the K-State Livestock Judging Team and was a member of Collegiate CattleWomen. Before joining the CVM, Christie was employed as a pharmaceutical sales representative for Elanco.

Joe earned a bachelor’s degree in education at K-State in 2002 with an emphasis in biology and general science. Joe was previously a pharmaceutical sales representative with Merck and Company in Hays, Kan., and a sales consultant with Novartis Pharmaceuticals in Wichita, Kan.



Joe Booe

Dr. Dryden: Veterinarian of the Year

Dr. Michael Dryden was recognized in February as the 2010 Veterinarian of the Year by Ceva Animal Health at the Purina Pro Plan® 56th Annual Show Dogs of the Year Awards in New York City.

Dr. Dryden is a University Distinguished Professor of veterinary parasitology in the Department of Diagnostic Medicine/Pathobiology. Known affectionately as “Dr. Flea,” he has authored or co-authored more than 100 journal articles and book chapters and lectured in 21 countries at national and international meetings. His research is focused on flea and tick biology and control, urban wildlife as vectors of parasitic diseases and diagnosis and control of gastrointestinal parasites.



Joan and Dr. Michael Dryden

Food For Thought starts Dr. Upson Lecture Series

Dr. Temple Grandin, a world-renowned animal behaviorist and a person with high functioning autism, was introduced as the first Upson Lecture speaker. The Upson Lecture Series is a new lecture series that was launched in honor of Dr. Dan Upson, professor emeritus of anatomy and physiology.

Food for Thought, a student group, has been the driving force in making this lecture series a reality.

“The goal of Food for Thought is the students that are from a rural background and have interest in agriculture are basically teaching their friends that have no understanding of agriculture about what actually goes on at a farm,” adviser Dr. Dan Thomson said.

At the premiere of the Upson Lecture Series, it featured speaker Dr. Temple Grandin. She addressed the university, as well as the veterinary students and

faculty. In her speech, Dr. Grandin covered her personal and professional life. When she was originally diagnosed with autism, her parents were told that she should be institutionalized. Instead Dr. Grandin overcame the disability and developed a way to think in pictures and see through the animal’s perspective. Members of the group consider Dr. Temple Grandin the perfect way to start the lecture series.

“It was just really exciting to get the Food for Thought name out there and



Mary Ellen Matthews, first-year student, asks Dr. Temple Grandin about her personal challenges with autism.

get the Upson Lecture Series kind of kicked off with a bang,” said Tera Rooney, first-year student.



Dedicated Mentor

Dr. Randall Pedersen leads local scholarship program

Encourages young Nebraskans to study at K-State CVM

Story by Joe Montgomery

In a state known for “Cornhuskers” and “Big Red,” there’s at least one profession that leans decidedly purple: veterinary medicine. Traditionally, K-State’s College of Veterinary Medicine has educated a significant number of Nebraska natives to become veterinarians, many who return to their home state to practice. A native of Boelus, Neb., Dr. Randall Pedersen works hard to make sure that tradition continues.

“As an alumnus, this is your home,” said Dr. Pedersen, who graduated with his DVM in 1965. “This is where they’ve (K-State) given everything to me to get me where I am today.”

Where he is today is partially retired and living with his wife, Nancy, in Royal, Neb., serving as a herd-health consultant for a large number of clients he’s built up over the years. He’s cut back his caseload, but says he has no immediate plans to fully retire.

“As long as your health is good, you enjoy what you’re doing and you can still deliver a good service, why not do it?” Dr. Pedersen said. “Once you quit — as fast as technology is going — you’re out of the loop.”

Selecting students for scholarships

While his workload is less these days, what hasn’t decreased is Dr. Pedersen’s passion for K-State. He’s been an active part of the Olson Brothers Foundation that provides scholarships to Nebraska students who want to study food animal medicine at the K-State College of Veterinary Medicine. He has worked closely with the applicants, some of whom he has mentored.

“We’re getting top quality students from Nebraska coming to our program,” Dr. Pedersen said. “The mentoring process works both ways. I mentor them, but they also mentor me. Some of the students have called me if they have a problem, and sometimes if I get into something where I need help, I’ll call them. It might be about symptoms, diagnosis or treatment.”

The Olson Brothers Foundation provides around \$50,000 in scholarship support annually. Typically eight to 10 students receive the scholarship. Dr. Pedersen said this was what the Olson brothers wanted. This is a program he feels other Nebraskans would appreciate and could consider supporting or emulating.

Of his personal motivations, he said, “It behooves us to fulfill the wishes of the Olson Brothers. I want to make sure this is how it goes.”

Vernon and Evert Olson were longtime dairy farmers who lived near Loup City, Neb. Dr. Pedersen was their herd veterinarian and worked with them for many years.

“They were extremely good dairymen and enjoyed good cattle,” Dr. Pedersen said. “They wanted to promote the care of dairy animals. We became very good friends.”

When asked about his role in the creation of the scholarship, Dr. Pedersen shifts the idea of any credit away from himself.

“I really didn’t have that much input into it — it was all their idea,” he explained. “Their idea was to give some young person a chance to fulfill his or her life dream through this endowment. And certainly they’ve done it.”

When asked why he’s so inspired to steer Nebraska kids to K-State, Dr. Pedersen cited the quality of the program and the people.

“I feel strongly that a veterinary program is a four-year integrated program with a teaching hospital,” he said. “The teaching hospital is the center. You wouldn’t go to a medical school without a medical clinic or teaching hospital. That’s just not the way to do it.”

Emphasizing the value of mentoring

Dr. Pedersen pointed out another trait that he appreciates at K-State.

“The other thing that really impresses me about K-State is their mentoring program, not only from the perspective of faculty mentoring, but also student mentoring,” Dr. Pedersen said. “This is more important than even the faculty mentoring, because students can relate to each other.”

Dr. Pedersen said the concept of mentoring has always been important to him during his career.

“When I was starting out, Dr. Elmer Woelffer (from Wisconsin) was a prominent reproductive veterinarian in the United States,” Dr. Pedersen recalled. “When he’d come into my area, I would meet him and go through herds. When we started working together, he was 71 years old. We checked herds on a rotating basis for almost 20 years. He was one of the grandfathers of the theriogenology group. He was my real mentor.”

Dr. Pedersen also mentioned Dr. Lee Allenstein, Dr. John Noordsy and Dr. Jim Lewis.

“If it hadn’t had been for my mentors, Dr. Woelffer, Dr. Allenstein, Dr. Lewis, and Dr. Noordsy, they enhanced my expertise and I could have never achieved what I have achieved,” he said. “I feel very strongly about mentoring, and I have seen how these people have helped me. I would like to be able to help others to achieve a degree of proficiency they might not have otherwise been able to do.”

In addition to being influenced by mentors, Dr. Pedersen said he has heard a few sayings over the years he has tried to live by. The most recent one came while taking physical therapy following shoulder surgery.

“As my ancestors planted for me before I was born, so do I plant for those who come after me,” Dr. Pedersen said. “Veterinary medicine has allowed me to develop where I’d never had an opportunity before — they taught me what I know and I’ll always be indebted to them for this. What I can do to repay is a small token for what they’ve done for me.” 🐾

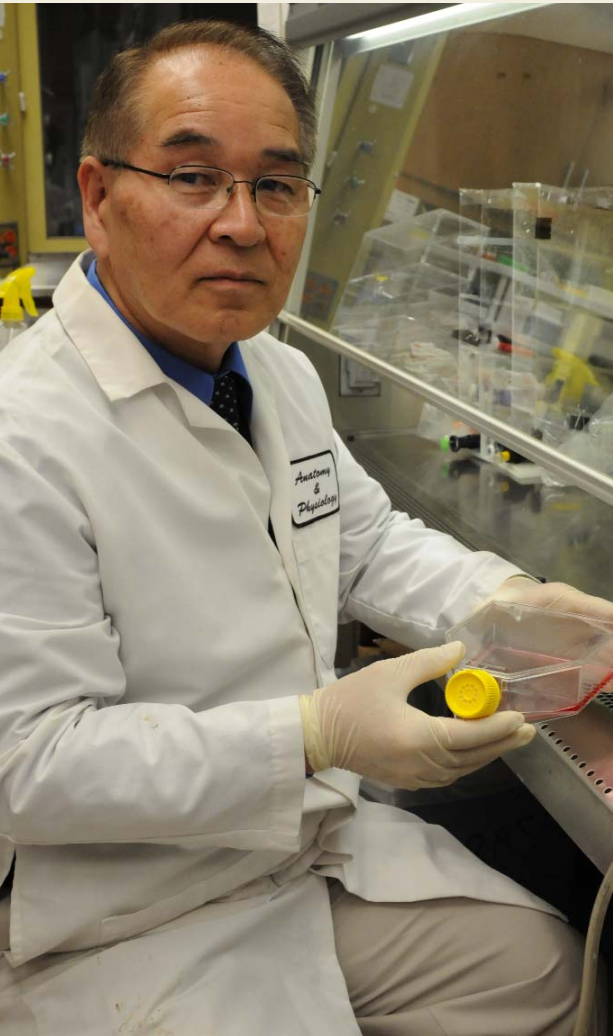


Nancy and Dr. Randall Pedersen display a wood-carved Asclepius outside their office at Royal, Neb. The Asclepius was carved by neighbor and local artist, Randy Erb.

'Why I conduct cancer research'

Dr. Masaaki Tamura's work enhances effectiveness of pharmaceuticals

Dr. Masaaki Tamura is an associate professor in the Department of Anatomy and Physiology. He earned his DVM at Kitasato University College of Veterinary Medicine, Japan, in 1973, and a Ph.D. in veterinary medicine (biochemistry and nutrition) at Azabu University College of Veterinary Medicine, Japan, in 1980. He came to the United States in 1982 as a post-doctoral fellow at Vanderbilt University, Nashville, Tenn., gradually rose up the ranks to research associate professor, and helped establish the Vanderbilt-Ingram Cancer Center. Dr. Tamura joined K-State in 2005, where he has established a successful lab that focuses on tumor physiology, cytotherapy using umbilical cord/matrix stem cells, and the development of cancer-targeted nanoparticles for therapeutic gene delivery in cancer treatment.



PHOTOS BY DAVID ADAMS

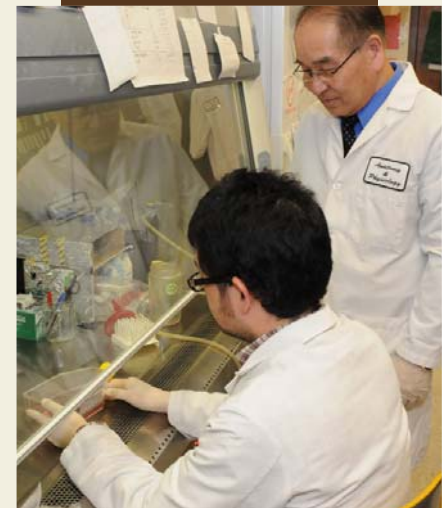
What led you to veterinary medicine? I was raised on a small farm where cows, pigs, piglets and chickens were parts of our lives. I was always amazed how a veterinarian treated sick animals. I thought that becoming a veterinarian and treating sick farm animals would be a good choice as a future job, although I did not have a desire to treat small house pets.

What changed your focus to research? Once I made a simple discovery of something new in science when I was in graduate school (I discovered a calcium-binding protein in cow milk that was later found to be alpha-lactalbumin), my desire to find more has never ended, so I am addicted to science.

What is the most rewarding part of researching cancer? The intellectual relationship with other researchers in the world, being a vital part of scientific discovery, and witnessing world-class discoveries are the fun parts of research life. A good example is that I personally witnessed Dr. Stanley Cohen's discovery of EGF (epidermal growth factor) and his receipt of the 1986 Nobel Prize, since he was my next-door lab neighbor at Vanderbilt University. Another example is this year's Japan International Award that was given to two Japanese researchers. Both belong to the same department at Osaka University where my best friend is the chairman.

How do you define success for your lab? We, including my post-docs, graduate students and undergraduate students, are "sincere to the science" since "experimentation does not lie." Every experiment tells us something, even if it is not the expected or hoped-for result. I feel we are successful if we can advance the understanding of cancer in any way, even down at the most basic cellular level. Every bit of information discovered will contribute to the eventual treatment and cure for this disease.

What advice do you have for prospective researchers? Be sincere to the science. Finding the rules of Mother Nature is fun. Do not be bothered by dogma because the most revolutionary discoveries are often initially the least accepted. Believe in yourself. If your experimental result does not fit the currently accepted dogma, you may be standing at the front door to truth, a new discovery. 🍀



Beef Cattle Institute offers online training program

You have options. The national online training program www.animalcaretraining.org for beef and dairy production was developed to educate English and Spanish-speaking beef and dairy producers, animal transporters, livestock auction market employees and bovine veterinarians. This program is the result of collaborations between the National Cattlemen's Beef Association (NCBA), American Association of Bovine Practitioners (AABP) and Livestock Marketing Association (LMA) with the Beef Cattle Institute (BCI) at Kansas State University. Web-based audiovisual training modules on topics such as animal husbandry, animal welfare, environmental stewardship and food safety practices for the beef and dairy industries are available.

"Producers and veterinarians continue to provide outstanding care for their beef and dairy cattle," said Dr. Dan Thomson, director of the BCI. "The goal of the program is to utilize modern technology to reach out to rural areas and provide up-to-date continuing education for all people involved with raising beef and dairy cattle to improve animal welfare, food safety and environmental stewardship."

The Animal Care Training program is managed by the Beef Cattle Institute and features streaming multimedia modules in English and Spanish and is designed to provide online training in various areas of animal care for employees internationally.

"As a consulting veterinarian, the training modules are a new tool for my business," said Dr. Nels Lindberg, Animal Medical Center. "With rapid turnover of employees in feedyard operations, this distance education tool is great for those clients that I see routinely and those that I can't reach as often as I would like."

Employees can work through the training modules in English or Spanish at any time. Training employees is essential for worker safety, employee retention, and production of wholesome products. When a training package is complete, a certificate of completion will be available for printing.

"By registering employees, a manager can track progress as employees work through the training program and those that complete training are recorded in a national database of certified producers," said Clayton Huseman, executive director, Feedlot Division, Kansas Livestock Association. "The training modules are an excellent tool for training all feedyard employees in beef

quality assurance."


To date, the Animal Care Training program has 7,000 beef and dairy producers trained on Beef Quality Assurance and Dairy Animal Care and Quality Assurance principles in its electronic database.

"Beef Quality Assurance is focused on the needs of all farmers, ranchers, and cattle veterinarians to produce the safest and most wholesome beef in the world," said Ryan Ruppert, senior director of beef quality assurance, National Cattlemen's Beef.

The BCI has also teamed up with the AABP and the LMA. The AABP modules provide online Continuing Education (CE) training for AABP members. There are more than 150 online CE modules available for credit.

According to Dr. M. Gatz Riddell Jr., executive vice president, AABP, "The online modules were created with three goals in mind for our members:

- For those members that attend a meeting, but aren't able to attend a specific session due to a concurrently running session
- Flexibility for those individuals that are unable to attend a conference, but want to view presentations
- Create a platform to obtain CE Credits to satisfy state licensure requirements."

The LMA modules include the LMA guide to Animal Handling and Employee Training for Livestock Marketing Businesses. In addition to reaching the beef and dairy industry, there are also modules available on humane equine management. 

For more info about Animal Care Training, visit www.animalcaretraining.org or www.beefcattleinstitute.org.



The new online cattle care training program will offer flexibility to people who cannot attend conferences.

The training modules on www.animalcaretraining.org are an excellent tool for training all feedyard employees in beef quality assurance.

- Clayton Huseman



Working Both Sides



COURTESY PHOTOS

Maite Torres-Irizarry handles llamas from Manhattan's Sunset Zoo (while working as a veterinary technician). Maite says the experience has helped with her studies as a veterinary student.

From Veterinary Technician to Veterinary Student

by Dana Avery

With dreams of being a veterinarian, Maite Torres-Irizarry, first-year student, came to the College of Veterinary Medicine back in 2008 — not as a student, but as a veterinary technician.

Maite is a native of Puerto Rico. While completing her undergraduate degree, she was working as an assistant to several veterinarians in Puerto Rico. Maite has had aspirations of being a veterinarian since she was in high school. After graduating from college, she started the process of applying for veterinary school. With the high level of competition for admissions, Maite did not get accepted into veterinary school. Despite

receiving a rejection letter, this did not stop Maite from fulfilling her dreams of being a veterinarian.

Maite decided she wanted to take some time off before re-applying to veterinary school. She applied for jobs as a veterinary technician at several schools. Her professor in Puerto Rico helped in her job search.

“I had applied to both Missouri and Kansas State,” Maite said. “After being offered the job in Missouri, I received a call from Dr. James Carpenter offering me a job at K-State as a veterinary technician. I wanted to come to K-State because it was such a great opportunity.”

Maite worked as a veterinary technician in the exotics and dermatology departments. She said she really enjoyed working in the exotics department because she would work with animals they don't have in Puerto Rico.

Dr. James Carpenter, zoological medicine professor, said he enjoyed having her work in the exotics department.

"Maite has a very strong work ethic and is very knowledgeable in exotic animal medicine," Dr. Carpenter said. "She always had a positive attitude and was a great addition to the Zoological Medicine Service."

Maite worked in the hospital for two years before she took another chance at her dream of being a veterinarian.

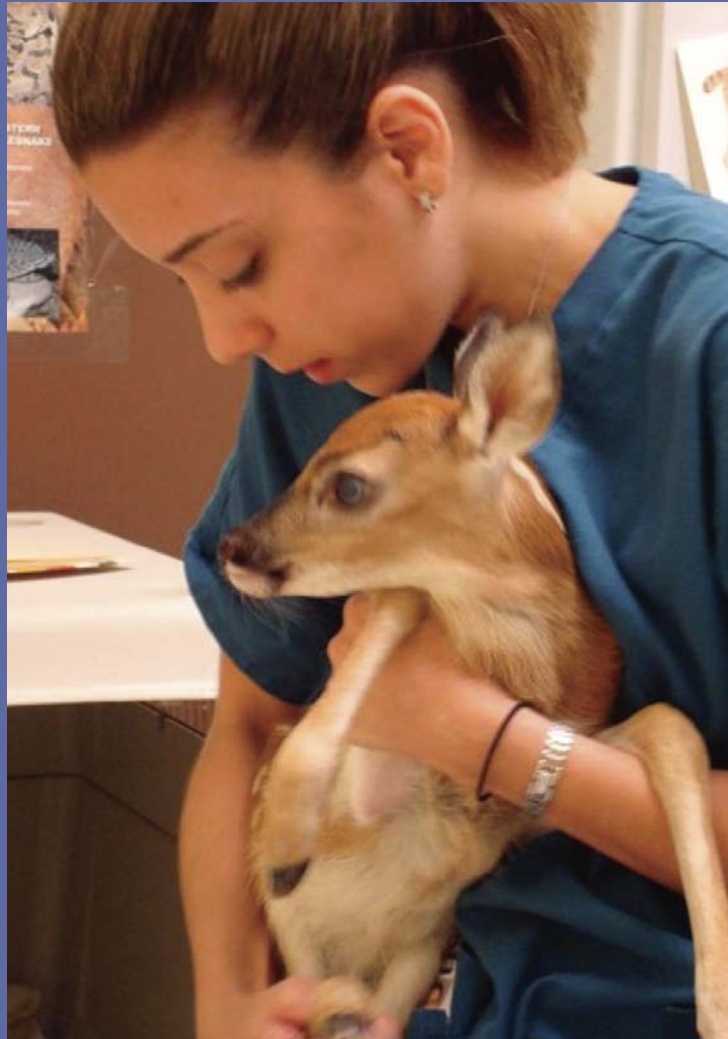
"Before I was going to apply to veterinary school again, I wanted to make sure I came back with something different than the first time," Maite said. "I worked two years as a veterinary technician and I think that helped with getting hands-on experience."

Maite was accepted into the K-State College of Veterinary Medicine in spring 2010. She continued to work as a veterinary technician until school started in August. Even with having her background at K-State, she said there are some challenges.

"I'm really proud to be here," Maite said. "I came from a small island and it has been an adjustment between the culture and language. We're taught English in grade school, but we never use it in our homes and daily lives."

Maite is still a normal student. She considers her biggest challenge to be managing her time efficiently and balancing studies while still getting enough sleep. She is glad she had worked as a veterinary technician, but she said she felt limited in helping clients. Maite did not want to give up on her dream of becoming a veterinarian and was grateful to the staff at K-State.

"I'm glad I had the opportunity to work with amazing clinicians," Maite said. "I want to make them proud by going on to be a veterinarian." 🌍



Maite Torres-Irizarry helps out with a wildlife case in 2010. Maite is currently a first-year veterinary student.

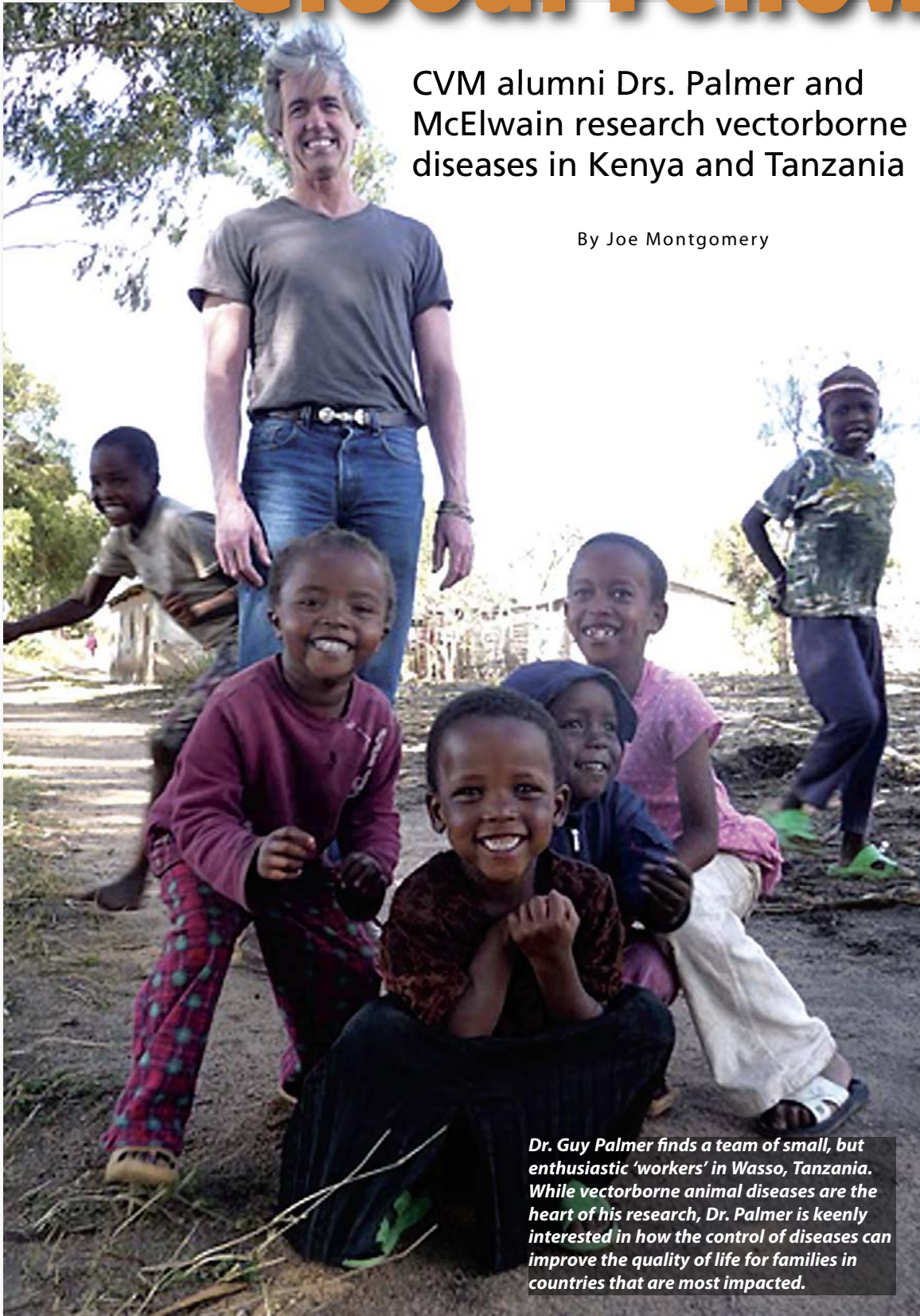
"I wanted to make the clinicians proud by going on to be a veterinarian."

- Maite Torres-Irizarry

Global Fellows

CVM alumni Drs. Palmer and McElwain research vectorborne diseases in Kenya and Tanzania

By Joe Montgomery



Dr. Guy Palmer finds a team of small, but enthusiastic 'workers' in Wasso, Tanzania. While vectorborne animal diseases are the heart of his research, Dr. Palmer is keenly interested in how the control of diseases can improve the quality of life for families in countries that are most impacted.

Connect the dots. What sounds like child's play, is instead a complex way of analyzing disease outbreaks by mapping where outbreaks occur. The goal is to keep these dots from connecting — to stop diseases from spreading.

Dr. Guy Palmer, the CVM's Alumni Fellow for 2011, explained in a special presentation to an intent audience of veterinary students and faculty that emerging-disease events do not always originate in expected places.

"When we map emerging-disease events, we're not really mapping emergence," Dr. Palmer said. "We're mapping detection, which is highly dependent on research capacity. For example, HIV emerged out of central Africa, but it wasn't detected until years later in New York and San Francisco, where there were highly trained internists and laboratory infrastructure that allowed them to identify AIDS as a new syndrome and begin the quest for treatment and prevention. If we had picked it up 10 years earlier, then tens of millions of people could have lived and history could have been changed."

Dr. Palmer was selected as this year's Alumni Fellow in recognition of the role he has played as a global researcher at Washington State University, where he is the director of the Paul G. Allen School for Global Animal Health. Dr. Palmer earned a bachelor's degree in biology in 1977 and his DVM in 1980, both at K-State, and a doctorate in pathology from Washington State University in 1984.

"The reason I went to veterinary school is because I got a job working in the KSU diagnostic lab working on rabies when I was 17 and a freshman majoring in biology," Dr. Palmer said. Today, rabies is one of the diseases that the Bill and Melinda Gates Foundation has targeted for control in east Africa. "Most rabies deaths are in children due to being bitten around the head or face. The rabies vaccine, as we know, works perfectly. The problem is how to get it into very poor communities. Achieving that goal requires innovation in a relatively new field known as implementation science and work outside of the traditional boundaries of veterinary medicine."

Dr. Palmer works with another K-State alumnus and former classmate, Dr. Terry McElwain, who also earned his DVM at K-State in 1980. Dr. McElwain, executive director of the Washington Animal Disease Diagnostic Laboratory and leader in the Allen School for Global Animal Health, was recently named a Fellow of the American Association for the Advancement of Science. He and Dr. Palmer are

currently developing new research and implementation programs in Kenya and Tanzania.

"Our focus is to look at livestock-dependent communities and families," Dr. Palmer said. "The food and economic security of 70 percent of the world's poor is dependent on livestock. It's the primary source of food, labor, fertilizer and income. It represents the economic capital of the family. When we look at the interaction of animal and human health, we look at it in terms of the family's economic well-being."

In addition to learning about the disease vectors, Dr. Palmer said that they are learning a lot about the African people — the Masai — who have made a strong impression on him.

"I do not believe there is a food animal practitioner — board certified — who could diagnose illness in a cow before a Masai could," Dr. Palmer said. "Masai are extremely attentive. They know their cattle like a mother would know a child was not eating right in the morning, and they'd know they were sick. It's really remarkable. They want to know what's happening to their animals in terms of disease, because they're so fearful of disease outbreaks."

While Dr. Palmer seeks to control diseases by connecting the global dots of emerging diseases, he will also remain connected to his alma mater, heretofore recognized as one its Alumni Fellows. Read more about Dr. Palmer online at: www.vet.k-state.edu/depts/alumni/fellows/palmer.htm. 🐾



Top: Dr. Terry McElwain, right, works with Dr. Enos Kamani, a colleague from Tanzania at the "Senator Vet. Center." Bottom: One of the local children in Wasso, Tanzania, shows off a cow.

Healing Art

Fourth-year student's talent adds personal touch to Clay Paw memento

Story by Joe Montgomery

Lindsey Smith shows the bottom of a Clay Paw she created for Bob and Diane Merced, Lincoln, Neb., in memory of their German shepherd, Oxana.

It only takes a small gesture to make a big impact. This is the philosophy behind a long-running program in K-State's Veterinary Medical Teaching Hospital: Clay Paws.

As a participating fourth-year student, Lindsey Smith has added a personal touch in recognition of a couple of departed pets. Lindsey utilized her artistic skills to help enhance a couple of Clay Paws she produced for different clients. The results were quite impressive: lifelike renditions of a beloved German shepherd named Oxana and a male Rottweiler named Berlin, both lost under very difficult circumstances.

**"I like sharing art with others because I like seeing their responses to the art."
- Lindsey Smith**

"Both pets had pretty extreme stories," Lindsey said. "Berlin's owners came here for us to fix their dog after their veterinarian realized he could not provide the care he needed. Once we got his blood work back, we realized he was in kidney failure and that he wasn't treatable. I just felt like there was no way for us to fix the problems or offer them any peace in their loss, so I took a little more time than normal to make their Clay Paw something special to remember Berlin."

Lindsey said Oxana's owners, like Berlin's, put in a lot of effort to obtain the best care for their animals. "Oxana was brought to the hospital with pneumothorax (air in the chest)," Lindsey said. "She had CT and surgery, and stayed in the ICU for several days before she



Lindsey Smith shares samples of her artwork: (left) a chalk drawing of a fish; (below) Berlin, a rottweiler, as painted on the bottom of a Clay Paw.

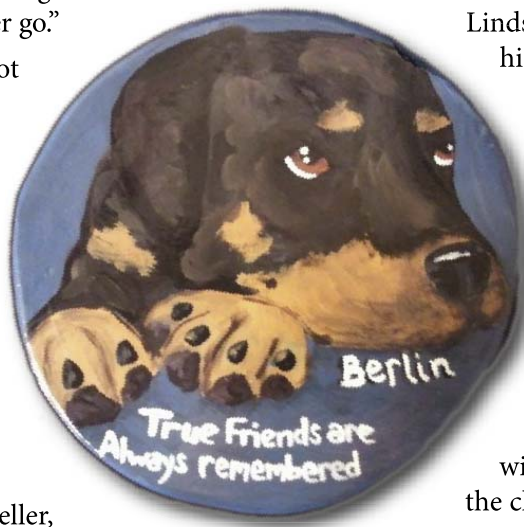
was sent home. Many of the students had worked with her. Oxana was brought back to the hospital because she was not doing well — and she died en route. We did CPR in the ICU and got her heart beating again, but, by that point, she had sustained substantial brain damage, and the owners chose to let her go.”

Lindsey said there were a lot of sad faces from both students and faculty when Oxana died.

A family’s appreciation

Berlin’s owners were deeply touched by Lindsey’s effort and compassion, as well as the devotion of the rest of the staff.

“She helped us through a difficult time,” said Linda Mueller, Lincoln, Neb. “All of the staff were wonderful. She was the one who worked with me on getting all of the facts. Lindsey is really a great gal.”



Linda’s husband, Lonnie Mueller, added, “When we turned over the Clay Paw Lindsey sent and saw that she had painted a picture of that little Rottweiler — it was awesome. It looked so much like him. Berlin always had such a loving and caring look in his eyes all the time.

Lindsey was able to capture that in his eyes in such a little painting.”

Mr. Mueller’s appreciation of Lindsey’s painting of Berlin ties closely with one of the reasons she says she enjoys art.

“I like sharing art with others because I like seeing their responses to the art,” Lindsey said. “I also paint murals for kids’ rooms, and with that it is always fun to watch the child’s reaction.”

A family tradition


Lindsey said she remembers doing art since she was a kid herself. “My role model for art is my dad,” Lindsey said. “He worked in politics

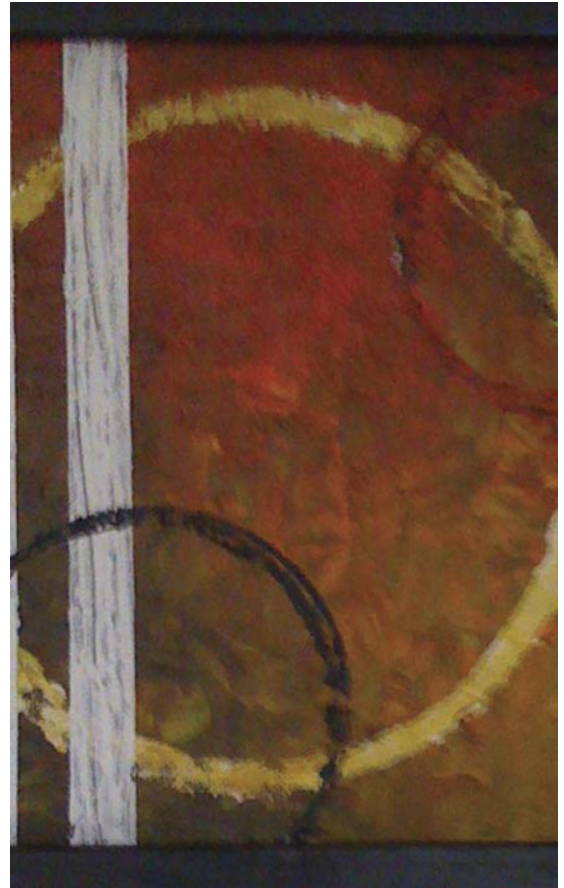
when I grew up, but art was always a big part of our life. Now that he's retired, he devotes more time for his art. He already has sculptures displayed at parks, schools and churches back in Florida, and he now is working on a piece for a national memorial."



More of Lindsey's artwork: a Clay Paw of an eagle from the Wright Park Zoo in Dodge City, Kan., and close-up detail from an abstract painting.

Despite her passion for art, veterinary medicine is Lindsey's true calling. "I'm a people person, so part of wanting to become a veterinarian was from wanting to help people," Lindsey said. "Pets have always been a huge part of my family growing up, and I always remember respecting our veterinarian and his role in keeping my pets safe."

Lindsey is scheduled to graduate in May 2011 and plans to be a small animal practitioner. She has already earned the respect of at least one set of clients, the Muellers, who said they think she will be a great veterinarian. 



About Clay Paws

Clay Paws are supported through the CVM's Pet Tribute program. When a patient of the hospital is euthanized or passes away, some clinicians ask owners if they would like to have one, while others prefer to make one and send it along with a sympathy card. This program also helps fund a full-time grief counselor, Dr. Mac Hafen, who is available for clients of the teaching hospital.

"Clay Paws are a gift we often give to owners who have experienced the loss of a beloved pet," said Dr. Emily Klocke, assistant professor in small animal surgery and Pet Tribute board member. "We hope to ease the pain of loss by providing a special keepsake for the owner to have in memory of their pet. The Clay Paw is especially significant because it is made and decorated by the senior student who cared for that animal and formed a bond of

their own not only with the animal, but with the family as well."

To make the Clay Paw, the senior student who cared for the patient prepares the clay and pushes the pet's foot or paw in to make the impression. The Clay Paw is baked in a toaster oven and then painted with craft paint. Ribbons, stickers, buttons, gems, glitter, etc., can also be glued on. The Clay Paw is given a coat of clear spray for a shine, and then mailed to the owner and/or picked up by the owner.

Over the last couple of years, about 600 clay paws have been produced each year. There are times when two to three are used for one Clay Paw (horses, etc.), and sometimes clients will get two Clay Paws.



Get the facts
about planning a gift –
Straight from the horse's mouth!



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Request a free Wills Kit at our website: www.found.ksu.edu/plannedgiving.

What is a planned gift?

Simply put, it's a gift you make that comes to the university at a later date and ensures the excellence of our veterinary medicine programs far into the future.

One of the easiest ways to make a planned gift is to make a bequest in your will. It's a straightforward process with simple language that's easy to understand.

A bequest for K-State is a great way to support the students of tomorrow. And it comes with a host of benefits for you, too.

A bequest can:

- keep your liquid assets free for use during your lifetime;
- lower your estate taxes; and
- help you create a lasting legacy that will show your support of K-State.

When planning your bequest for the K-State College of Veterinary Medicine, please contact Chris Gruber in the Development Office at 785-532-4465 or chrisg@found.ksu.edu.

We're happy to help you make a difference at K-State!

AAVI names Dr. Blecha as its 2010 Veterinary Immunologist of the Year

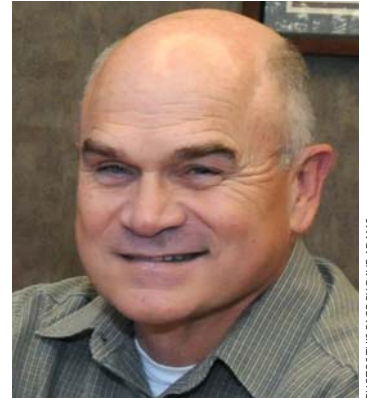
Former students have helped Dr. Frank Blecha, a Kansas State University distinguished professor of immunophysiology, associate dean for research and head of the Department of Anatomy and Physiology, earn national recognition for his contributions to veterinary immunology.

On Dec. 6 in Chicago, Dr. Blecha was recognized by the American Association of Veterinary Immunologists as the 2010 Distinguished Veterinary Immunologist of the Year. His former students nominated him for the honor, one of the highest in the field.

“It’s really surprising that he hasn’t received this award before now, as, in my mind, he’s the most qualified person in his field,” said Dr. Jishu Shi, associate professor of anatomy and physiology at K-State. “His work was really some of the first in certain areas, and I think he single-handedly increased our understanding of innate

immunology in domestic animals.”

“When I came to K-State, I didn’t take graduate students right away because in my mind it’s a great responsibility. It’s basically like having a family,” Dr. Blecha said. “I wanted to make sure I had things established, had a program going, and knew what I was doing. In looking at where my former students are now; I guess I did OK.”



PHOTOS THIS PAGE BY DAVE ADAMS

Dr. Frank Blecha has 36 years of experience in veterinary immunology.



Dr. Walter Cash guides students through canine anatomy with a German shepherd in one of his classes.

Cash gets big prize — Upham Professorship

Dr. Walter C. Cash was selected as the new recipient of the Dr. Roy Walter Upham Endowed Professorship in Veterinary Medicine. The Dr. Upham professorship was established in 2002, under the Kansas Faculty of Distinction program. It is awarded to a CVM faculty member who exemplifies senior leadership. This is a three-year appointment and was previously held by Drs. David Biller and Howard Erickson.

Dr. Cash earned his bachelor’s degree in biological sciences in 1969, DVM in 1971, and Ph.D. in anatomy/physiology/pathology in 1982, all from K-State. He has received the Carl J. Norden Distinguished Teaching Award in 1980 and in 2000, Merit Award for Teaching Excellence in the First Year in 2005 and 2009, and Professional Performance Award in 2007. In June 2010, he received the E.R. Frank Award from the College of Veterinary Medicine and the K-State Veterinary Medical Alumni Association.

“I was born after Dr. Upham attended K-State, but it is interesting we both have common backgrounds through K-State and the state of Illinois, where I had previously been in private practice.” Dr. Cash said. “My hope is to honor his name in educating future veterinarians.”

A Nguyen-Win Situation

Research passion translates to \$370,000 NIH Grant

A woman's body may be its own worst enemy.

Early onset of puberty and delay of pregnancy as well as other factors have been shown to increase risks of developing breast cancer.

Dr. Annelise Nguyen (pronounced “win”), a K-State researcher who also sees herself as being at risk, has recently conducted promising research in trying to understand how cancer cells communicate with each other and how to enhance the receptiveness of cancer cells to drug treatments. The National Institutes of Health agreed that her research has potential, so she was awarded with a \$370,000 grant in August.

“For the past five years, I’ve focused on cell communication and understanding the pathways between cells,” said Dr. Nguyen, assistant professor of toxicology in the Department of Diagnostic Medicine and Pathobiology. “The idea I came up with is, ‘What if giving a patient drugs, including chemotherapeutic drugs and pain relievers, actually shuts down cell communication, preventing the drug to pass from one cell to the next?’ If so, the drug is not very effective, and that’s why you have to increase dosages to reach most cells. Increasing the drug levels makes you resistant to the drug itself; thus, drug resistance is one of the challenges in the treatment of cancer.”

As the principal investigator, Dr. Nguyen worked with Dr. Duy Hua, University Distinguished Professor in the chemistry department at K-State, to synthesize a new compound – a class of substitute quinolines – and found that it possessed potent inhibitory activities against T47D breast cancer cells.

The compound has been successful enough that Drs. Hua and Nguyen have applied for a patent. Dr. Nguyen said her work may have potential on more than just breast cancer treatments.

“Colon cancer cells behave very similarly to breast cancer cells in which the loss of cell communication is also observed, so I’ve applied this concept for colon cancer as well,” she said. “I originally pursued breast cancer research because



Dr. Annelise Nguyen helps undergraduate student Luis Chavez work on a prostate cancer test to see if the compound will work in men the same way it works in women on breast cancer.

it affects a lot of people. There is currently more funding for breast cancer than for colon cancer. Regardless, my lab is working on colon cancer as well. We have also been working to see if this work will apply to prostate cancer.”

Dr. Nguyen’s lab utilizes two graduate students, three undergraduates and a veterinary research scholar, who help test her research using both human and animal models.

As an Asian-American faculty member, Dr. Nguyen embraces a responsibility to be a role model and mentor for minority students at K-State. In April, she was given the University Distinguished Faculty Award for mentoring of undergraduate students in research.

“Dr. Nguyen is an excellent role model to young women in both the professional and graduate curricula,” said Dr. M.M. Chengappa, head of the Department of Diagnostic Medicine and Pathobiology. “We are very proud of her accomplishments as a faculty of this college.”

Research Tips & Assistance



by Carol Elmore

PubMed indexes more than 5,200 journals covering the fields of human medicine, nursing, dentistry and other health-related topics and includes over 20 million citations. It is the largest medical database in the world and is available free at: <http://pubmed.gov>. Because PubMed is often promoted as a database for medical literature, many people don't realize it is relevant to veterinary medicine. PubMed indexes about 170 core veterinary journals and 70 other titles with peripheral veterinary coverage or limited indexed citations. Other databases such as CAB Abstracts index veterinary medical journals, but are not available free to users worldwide as is PubMed.

One helpful aid on PubMed is a special query that can restrict your search to veterinary topics and journals. To select this query, either go to "limits" in PubMed at www.ncbi.nlm.nih.gov/pubmed/limits (a link is also at the top of the opening PubMed screen) and select "veterinary science" from the subset menu, or go to the "special query" page at www.nlm.nih.gov/bsd/special_queries.html and find the "veterinary science" link in the subjects section. This query sets up a special algorithm restricting the search to a veterinary subset described at www.nlm.nih.gov/services/queries/veterinarymed_details.html.

A search under the terms "cataract surgery" using all of PubMed would return approximately 28,865 citations, but when the search is limited to the veterinary science query, approximately 532 citations are listed. One caution when using the veterinary science query: Articles published in human medical journals on veterinary topics might be eliminated depending on the indexing terms used. Since some researchers publish their articles in human medical journals, even though it's a veterinary topic, restricting the search to the veterinary science subset could possibly eliminate some relevant articles, especially in research areas.

Remember, you can request searches and articles for a small fee by contacting Carol Elmore at libresearch@vet.ksu.edu or 785-532-6006.

VETERINARY MEDICAL LIBRARY
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Book marks '150 Years of Kansas Beef'



The Bragg Ranch, 10,000 acres south of Dodge City, was purchased in the early 1890s. This cattle drive, circa 1895, includes Thomas Bragg, second from left, who owned the ranch and a shoe and leather factory in St. Joseph, Mo., with his father, James Bragg. Thomas Bragg is the great grandfather of Dr. James Coffman, dean emeritus of the College of Veterinary Medicine and provost emeritus at K-State.



150 Years of Kansas Beef celebrates the people and institutions that have made Kansas beef what it is today. The historical and photograph-rich book will take readers through the hardships, changes, and triumphs of the Kansas beef industry over the last century and a half.

The book can be ordered online at www.vet.k-state.edu/features/beef.htm, and will be printed by Donning Company Publishers and delivered in summer 2011.



From Left to Right: Dr. Duane Landals, vice president, World Veterinary Association; Dr. Youling Jia, CVMA president; Dr. Jishu Shi, director of the U.S.-China Center for Animal Health, K-State; Dr. Frank Blecha, associate dean for research; Dr. Jinxiang Li, vice-president, Chinese Academy of Agricultural Sciences; Dean Ralph Richardson; and Dr. Kangzhen Yu, chief veterinary officer, MOA, China, in front of the Kansas animal health pavilion at the CVMA meeting.



PHOTO COURTESY DR. JISHU SHI

Partnering with China

CVM establishes U.S.-China Center for Animal Health

A recent trip to China helped a team of CVM members take the next step in a partnership to improve veterinary medicine education and create business opportunities for Kansas animal health companies. The team included Dean Ralph Richardson, Dr. Frank Blecha, associate dean for research and head of anatomy and physiology, and Dr. Jishu Shi, associate professor in anatomy and physiology and director of the U.S.-China Center for Animal Health (USCCA).

“The focus is to work on an agreement with the China Scholarship Council (CSC) to bring DVM students to the U.S.,” Dr. Shi said. “Ideally, this would be about five or six pre-veterinary students per year who would attend K-State before enrolling here or at other veterinary schools. To obtain funding for this project, we had several meetings with the CSC deputy general secretary and the executive director for American and Oceanian Affairs in Beijing. The CSC is committing \$20,000 per student per year, which covers half of the tuition. We’re working with the China Ministry of Agriculture, Chinese Veterinary Medical Association and China Agricultural University to fund the other \$20,000 per student that would be needed. Our goal is to help China train 50 DVM students in the next 10 years.”


Dr. Blecha added, “We have a number of former students who have done very well in China and in the United States,” he said. “They

are working for the government, in the animal health sector, or for themselves in private business.”

Dean Richardson gave a presentation on veterinary public health and an overview of Kansas State University to the Pfizer China Veterinary Consortium. The team participated in the Kansas Department of Commerce Trade Show that took place in association with the CVMA meeting.

The partnership will also try to develop economic opportunities for animal health companies in Kansas.

“We’re trying to help the small and mid-size U.S. companies who are trying to get their products in the Chinese market,” Dr. Blecha said. “Dr. Shi has a lot of expertise and knowledge of the system in China. He knows a lot of the people who are responsible for the decisions in China, such as regulators, who would need to approve products for the market.”

Dean Richardson said, “Companion animal care is growing at an absolutely amazing rate. Cost is becoming less of a stumbling block for modern care. They’re willing to pay for it and to travel to see specialists. I’m guessing in the next five years we’ll see the most rapid growth in companion animal care that will very quickly rival anything we have in the U.S.” 



Veterinary Medical Alumni Association

Find us online at: www.vet.k-state.edu/depts/alumni

1946 • 1951 • 1956 • 1961 • 1966 • 1971 • 1976 • 1981 • 1986 • 1991 • 1996 • 2001 • 2006

2011 KSU CVM Class Reunions

June 4-6, 2011



The Alumni Affairs office is still accepting biography updates and class initiative donations! Questions? Call Cheri at (785) 532-4043.

Don't miss out on these great events:

- College and campus tours will be held Saturday, June 4, at 9:00 and 10:00 a.m.
- Heritage Evening is Sunday, June 5, at 6:00 p.m. in the Alumni Center Ballroom. Two prestigious awards will be presented to:
 - Dr. James Coffman, 2011 Distinguished Alumnus Award
 - Dr. Fred Oehme, 2011 E.R. Frank Award

We look forward to seeing you this summer!

About the VMAA

The Veterinary Medical Alumni Association is a nonprofit organization run primarily by our graduates who volunteer their time and effort. Members are elected to serve on the association's executive board. Each serves a four-year term as member-at-large, and one year each as president-elect and president. The SCAVMA president serves one year or until his presidency ends. The secretary-treasurer continues to serve without re-election until he/she resigns or an election is mandated. The board's purpose is to administer the following:

- Review nominations for the Distinguished Alumnus and E. R. Frank Awards and Alumni Recognition Awards.
- Organize receptions at seven national veterinary meetings/conferences and annual five-year reunions.
- Provide leadership in the management of financial support to the VMAA, oversee veterinary class projects, biography booklets, class newsletters, fundraising initiatives and the administration of their alumni records.

Veterinary Medical Alumni Association Endowment Membership Report

VMAA membership dues were incorporated into its Constitution and By-Laws in 2000.

The VMAA Executive Board established an endowment in February 2003. VMAA membership dues are placed in this fund to generate earnings to support alumni events, initiatives and activities in perpetuity. The VMAA Endowment, account number, K93615, has a balance of more than \$300,000 as of April 2011. A special thank-you to all who have participated in this effort.

Executive Board Members

President

Dr. Pete Sherlock
DVM 1980
peteams@bluevalley.net

President-Elect

Dr. Orval Gigstad III
DVM 1976
orv.gigstad@windstream.net

SCAVMA President

Kyle Renaldo
Class of 2013
krenaldo@ksu.edu

Secretary/Treasurer

Dr. Howard Erickson
DVM 1959
erickson@vet.k-state.edu

Senior Member-At-Large

Dr. Justin Janssen
DVM 1972
JustinJanssenDVM@gmail.com

Members-At-Large

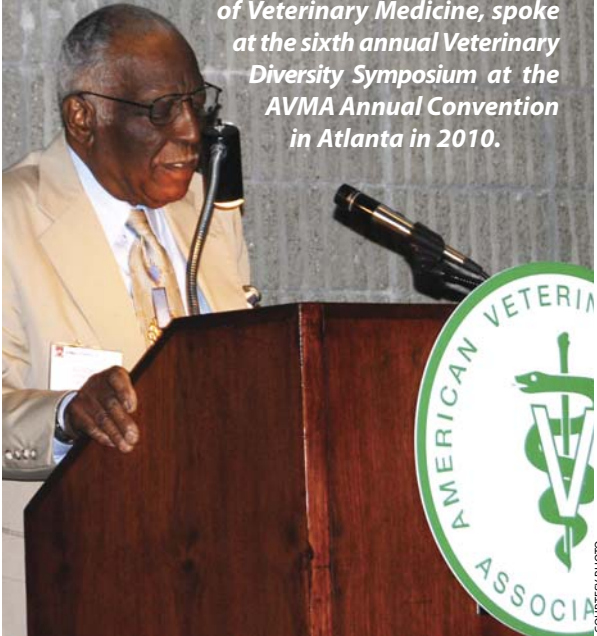
Dr. Todd Knappenberger
DVM 1999
kvc4ksu@sbcglobal.net

Dr. Julie Ebert
DVM 1996
julieebert@twinvalley.net

Dr. Lesley Pelfrey
DVM 1991
drpevo@sbcglobal.net

Championing Diversity

Dr. Eugene W. Adams, DVM 1944 and one of the first faculty members at the Tuskegee University School of Veterinary Medicine, spoke at the sixth annual Veterinary Diversity Symposium at the AVMA Annual Convention in Atlanta in 2010.



Alumni class news

1949

Dr. Elwyn L. Church, Custer, S.D., along with his wife, Jackie, celebrated their 62nd wedding anniversary on Sept. 7, 2010.

1961

Dr. Neil M. Boodman, Huntington Beach, Calif., has three precious grandchildren. Cole Harrison was born to his daughter, Debra, Feb. 12, 2009. His son, Bill, has two children: Sydney and Tyler.

1969

Dr. Dean E. Henricks, Carmichael, Calif., is the new president of the California Veterinary Medical Association.

2003

Beth (Erickson) Foster, Clay Center, Kan., brought Jack Benjamin Foster into the world on Sept. 24, 2009. He's their first child. Beth and her husband, Benjamin, are proud parents.

Reed Rumsey Recipient

Dr. Kabel Robbins earns award for avian work

Congratulations Dr. Kabel Robbins - resident in poultry health management at North Carolina State University College of Veterinary Medicine. He is the recipient of the 2011 Reed Rumsey Student Award for Advancement of Avian Medicine from the American Association of Avian Pathologists (AAAP). Dr. Robbins received his DVM from K-State in 2009 and will be graduating from North Carolina State University in May with a Master's of Specialized Veterinary Medicine.


The Reed Rumsey Award, given annually, will be presented at the 2011 AVMA Annual Convention, in honor of the late Dr. Reed Rumsey, 1979, former president of AAAP. The award recognizes graduate students excelling in basic and/or clinical poultry research who are pursuing a career in avian medicine.

Dr. Robbins' research has focused on Enterococcal spondylitis in the U.S. broiler

industry. As a recipient of the award, he will present "Genotypic and Phenotypic Comparison of Field Isolates of *Enterococcus cecorum* in Outbreaks of Spondylitis" during the AAAP Scientific Program of the AVMA Convention.

"It is a tremendous honor to be selected to receive the Reed Rumsey Award," said Dr. Robbins. "Dr. Rumsey's legacy of support to student research continues to impact the poultry industry, and I look forward to presenting my research this summer at AVMA."

While at K-State, Dr. Robbins served as vice president for the Phi Zeta chapter in 2008-09.

He is a member of the AAAP, AVMA and Kansas Veterinary Medical Association. 



Dr. Kabel Robbins, DVM 2009

Author, Author!

Dr. Swaim's new book provides some serious *smiles*

What do you get when you cross a crocodile with an octopus?

The answer: an entertaining book full of anecdotes and life lessons by Dr. Steve Swaim, DVM 1965.

The stories in his new book, "I Wanna See A Veterinarian," combine literary devices and literal experiences to create a charming collection of carefully crafted chronicles throughout his time as a student at K-State, practitioner in Wichita, service member in the U.S. Army, practitioner in Denver and veterinary professor at Auburn University.

"Over the years, my veterinary students encouraged me to write a book with the colloquialisms and similes that I would put in my lectures," Dr. Swaim said, who taught for 37 years. "I told them I needed to

concentrate on writing the scientific material required by the university. Following retirement, I was again encouraged to write such a book."

Having moved back to his family farm near Wichita after retiring,


Dr. Swaim completed his book in 2010 and published it with a Coffeyville, Kan., publisher, Tanos books.

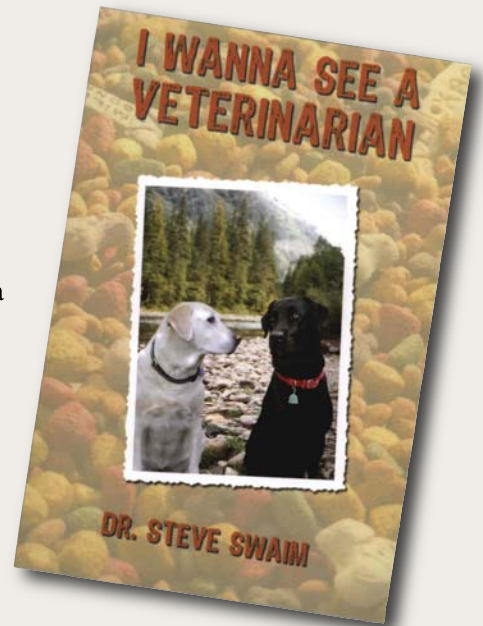
In the book he recounts stories about learning Starling's Law in his first-year class, a cattle pregnancy examination that broke up a classmate's engagement, efforts to administer a pill to a chimpanzee and performing a face-lift on a crocodile. Some of these encounters were, as Dr. Swaim says, as graceful "as an octopus falling out of a tree" or "a pig on roller skates," while others may have you pondering whether "a one-legged duck swims in a circle."

"I enjoyed remembering the events that are contained in the book and the process of writing them," Dr. Swaim said. "Some of the stories are definitely examples of trauma plus time equal humor."

The book contains several episodes of Dr. Swaim's time in veterinary school at K-State, so some of his classmates may recognize themselves or the events.

"I Wanna See A Veterinarian" is available on Amazon.com and a copy is available at the Veterinary Medical Library, call number SF613.S93 A3 2010.

Dr. Swaim also wrote a textbook, "Small Animal Bandaging, Casting and Splinting Techniques," with Dr. Walter Renberg, K-State associate professor of small animal surgery, and Kathy Shike, veterinary technician at the Veterinary Medical Teaching Hospital. The book was announced at NAVC in January. 



... as Dr. Swaim says, as graceful "as an octopus falling out of a tree" ...



Heralding Hoot's Hoop History

Dr. John "Hoot" Gibson, DVM 1959, (seventh from left), joins his teammates from the 1950-1951 K-State basketball team that played in the Final Four. They were recognized for their 60th anniversary at the K-State v. Missouri game on Feb. 26, 2011.



In Memoriam

1935

Dr. George M. Kerr
Wilmington, N.C.
Jan. 20, 2011

Dr. George T. Woods
Urbana, Ill.
Oct. 31, 2010

1952

Dr. E. Dale Carr
Salina, Kan.
Oct. 21, 2010

Dr. Max L. Sutton
Saint Joseph, Mo.
May 14, 2010

1972

Dr. David F. Anderson
Olathe, Kan.
Jan. 11, 2011

1938

Dr. Joseph R. Sterling
New York, N.Y.
Jan. 4, 2008

1947

Dr. Jose A. Diaz-Bonnet
Guaynabo, Puerto Rico
Aug. 16, 2010

Dr. Dale H. Tracy

Scottsbluff, Neb.
Jan. 8, 2011

1959

Dr. Boyd C. Martin
Bountiful, Utah
June 19, 2010

1973

Dr. Carolyn R. "Coco" Sutton
Grenola, Kan.
June 21, 2010

1942

Dr. Roderick E. MacRae
Naples, Fla.
July 29, 2010

Dr. Norvan L. Meyer

Alexandria, Va.
Jan. 27, 2011

1954

Dr. Eldon M. Todd
Sabetha, Kan.
July 28, 2010

Dr. Lloyd M. Wright

Middletown, Calif.
Jan. 9, 2011

1975

Dr. Daniel T. Gates Jr.
Kansas City, Kan.
Oct. 29, 2010

1943

Dr. Jack D. Lamont
Folsom, Calif.
Feb. 4, 2011

Dr. Ruth K. Zaret

Elba, Ala.
Oct. 7, 2010

1956

Dr. Richard J. Kirkemide
Dwight, Kan.
Oct. 22, 2010

1964

Dr. James C. Davis
Glendale, Calif.
June 8, 2010

1978

Dr. Timothy J. Reitz
Plainview, Texas
Aug. 30, 2010

1945

Dr. Joe J. Ridgway
Ventura, Calif.
Dec. 16, 2010

1949

Dr. Lyle T. Boley
Purcellville, Va.
Oct. 11, 2010

1957

Dr. Wayne G. Gaulke
Maribel, Wis.
Oct. 25, 2010

1968

Dr. Norman R. Schneider
Ceresco, Neb.
July 5, 2010

1981

Dr. David R. McGhee
Overland Park, Kan.
Aug. 16, 2010

1946

Dr. Glynden T. Easley
Sulphur, Okla.
Jan. 20, 2011

1950

Dr. Joe W. Atkinson
Falls Church, Va.
Oct. 20, 2010

Dr. Louis E. Schindler
Magnolia Springs, Ala.
Feb. 16, 2011

1969

Dr. Larry J. Oliver
Stanford, Ky.
Jan. 26, 2011

1983

Dr. Richard L. Cook
Jackson Springs, N.C.
Nov. 5, 2010

Dr. George W. Spangler

Rogers, Ariz.
Nov. 22, 2010

Dr. Arthur Carlson Jr.

Leawood, Kan.
July 12, 2010

1958

Dr. Wilbur A. Schleifer
Gravois Mills, Mo.
Sept. 27, 2010

Dr. Richard L. Robinson

Sioux City, Iowa
Aug. 30, 2010

Alumni Recognition Awards



Dr. John L. Noordsy (1946) 2010 Distinguished Alumnus Award 72nd Annual Conference for Veterinarians

Dr. Noordsy received his DVM from K-State in 1946 in an accelerated degree program and a master's degree in pathology from K-State in 1962. His career spans 62 years and involves postgraduate regulatory work and private practice in food animal medicine and surgery. He practiced in Marion, S.D., in a mixed animal practice for 13 years. He joined the K-State veterinary faculty in surgery and large animal medicine in 1960. He served from 1976 through 1984 as assistant dean of the college and was acting dean in the 1987-88 school year. He retired in 1990 as associate dean of Academic Affairs and Alumni Relations.



Dr. Walter C. Cash (1971) 2010 E.R. Frank Award 72nd Annual Conference for Veterinarians

Dr. Cash obtained his bachelor's degree in biological sciences in 1969, DVM in 1971 and Ph.D. in anatomy/physiology/pathology in 1982, all from K-State. From 1971 until 1974, Dr. Cash was in private veterinary practice in Rockford, Ill. Dr. Cash returned to K-State in 1974 as a temporary instructor, but stayed on, eventually becoming a full professor in the Department of Anatomy and Physiology. Dr. Cash has received the Carl J. Norden Distinguished Teaching Award in 1980 and in 2000, Merial Award for Teaching Excellence in the First Year in 2005 and 2009, and Professional Performance Award in 2007.



Dr. John Barnes (1970) 2010 Alumni Recognition Award American Veterinary Medical Association convention

Dr. Barnes graduated from K-State with his DVM in 1970 and a doctorate from Ahmadu Bello University, Zaria, Nigeria, in 1976. He was a temporary instructor at K-State and helped develop a College of Veterinary Medicine at Ahmadu Bello University, where he later taught courses on pathology and poultry diseases. After five years there, he accepted a joint position in pathology at the College of Veterinary Medicine and Veterinary Medical Research Institute, Iowa State University, Ames, working with swine and poultry diseases. After seven years in Iowa, Dr. Barnes developed the poultry medicine program at North Carolina State's College of Veterinary Medicine.



Dr. Kenneth Roy Burton (1981) 2010 Alumni Recognition Award Central Veterinary Conference

Dr. Burton earned his bachelor's degree in 1977 and DVM in 1981, both from K-State. After graduation, he worked at the Ralston Veterinary Clinic in Ralston, Neb., for one year. In 1982, he and his wife Joan, moved to Lyons, Kan., where they purchased the Lyons Veterinary Clinic. In 2010, he sold his practice, where he'd been working for 28 years, to move back to Manhattan as a project manager/analyst at the National Agricultural Biosecurity Center. Dr. Burton has received the Kansas Veterinary Medical Association (KVMA) President's Award, KVMA Veterinary Mentor of the Year and 2010 KVMA Veterinarian of the Year.

Read more about these recipients and awards online at www.vet.k-state.edu/depts/alumni/recognition.htm

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