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VolunteerVet, Summer 2009

College of Veterinary Medicine

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Volunteer Vet

The University of Tennessee • College of Veterinary Medicine

KNOWLEDGE COMPASSION DISCOVERY

Pattycake: A Love Story

Last August, Dorothy and Frances Thorpe put their 5-year-old spotted saddle horse, Pattycake, and a miniature horse named Stormy up for the night at their Sewanee, Tennessee, home. Later that night, they heard noises and saw the horses' building ablaze.

Craig, the Thorpe's son, ran barefoot to the burning building to free the horses. The door to Stormy's stall was open, and Dorothy said her son described a "help me" look on Stormy's face. Craig led him out and returned for Pattycake, but the door was locked from the inside. As he finally was able to slip his fingers under the door and jerk it open, Pattycake burst through with her mane on fire.

Local veterinarian Dr. Christy Young (CVM '94) and Megan Taylor with the University of the South Equestrian Center (USEC) worked with the horses, and made the decision to send Pattycake to the UT College of Veterinary Medicine for treatment.

When UTCVM's Dr. Steve Adair first saw Pattycake, he couldn't believe it. "This is the worst burn case I've ever seen in my 25-year career," said Adair, an associate professor of equine surgery. Third-degree burns covered almost 60 percent of Pattycake's body, leaving no skin from her neck to her tail. "It's amazing how well she did, considering the amount of skin she had lost. Pattycake had an incredible will to live."

During the course of her treatment, Pattycake was given pain relievers, and her wounds were treated with antibiotics. She was also treated with another drug: oxygen,

delivered via a hyperbaric oxygen therapy (HBOT) chamber. UTCVM is the only veterinary college in the country with an onsite HBOT chamber. "Oxygen improves the survivability of damaged structures. When high levels of oxygen get into the bloodstream, it improves circulation and enhances the healing process," said Adair.

Pattycake received three HBOT treatments a week, which prevented infection, helped her surviving skin to continue to grow and also prepared her back to better accept the skin grafts taken from undamaged parts of her body. Her recovery took a team effort. At least four doctors and eight students

and a host of visitors worked together to mend her body and her spirit during her five-month stay at UT. During that time, Pattycake developed a bit of a crush

on Adair, always perking up when he was nearby. Adair says Pattycake was a dream patient: "She was so accepting. She knew we were trying to help her."

"She's a tough horse and won over everyone's heart while she was here," Adair continued with a smile.

Pattycake is still winning fans as her recovery continues at USEC where she is dedicated to her routine, loves treats and enjoys spending her evenings (dusk is best to prevent sun damage to her tender skin) outside with her old friend Stormy.

Donations for Pattycake's care can be sent to:

UTCVM Development Office
2407 River Drive

Knoxville, TN 37996-4550

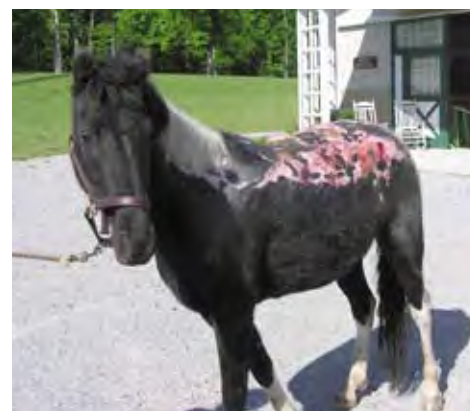
or at www.vet.utk.edu/giving



UTCVM faculty and staff wish Pattycake well on her release from CVM.



Dr. Steve Adair examines Pattycake's progress.



Pattycake continues her recovery at the University of the South Equestrian Center. Photo courtesy of Megan Taylor, USEC.

Congrats, Class of 2009!



Dr. Mili Bass '81

The end of the 2009 school year brought two firsts in UTCVM history: conferral of degrees and hooding were performed in the same ceremony, and the ceremony was webcast for family and friends who could not attend. The president of the Tennessee Veterinary Medical Association, Dr. Mili Bass (UTCVM '81) was the commencement speaker.

It's all in the Stache



Dr. Marcy Souza, assistant professor, sports a "stache" in the 4th annual Rico Stache Bash. Dave Kirkendol and friends Katie Kirkpatrick and Becca Tillery started the moustache competition to raise money for oncology research (now at more than \$5,000) at the college in memory of Kirkendol's dog, Rico, who was treated here for cancer. Among the stache categories are Most Creative, Best Place to Hide a Criminal, and Welcome to Puberty.

Rufus the Movie Star!

Thanks to a partnership between UTCVM and the Knox County School system, each of the almost 5,000 first-graders in the county has received a dog bite prevention DVD. Every year almost 4.7 million people are bitten by dogs in the United States, and injury rates are highest among children between the ages of 5 and 9. In Tennessee, Knox County has the third highest incidence of people requiring hospital treatment as the result of dog bites, following Shelby and Davidson counties.

Experts say education can help prevent most dog bites. Dr. Michael Sims, UTCVM professor, heads the college's dog bite prevention initiative and says that first-graders can easily absorb the DVD's messages. According to Sims, "Parental feedback has been positive and indicates children are watching the DVD and are even re-enacting parts of it with siblings and friends."

Aneisa McDonald, Knox County Schools' coordinated school health specialist, says the interactive components of the DVD help educate parents along with their children. "Changes in behavior happen when parents, teachers, dog owners and children work together in the community," says McDonald.

Sims hopes to expand the program into other counties, but additional funds would be necessary.



Inskip Elementary School students practice "good manners" with HABIT volunteer Joan Cohn and Sophie as Assistant Principal Amy Brace looks on.

Warp Speed Ahead

Dr. Claudia Kirk has been named head of the Small Animal Clinical Sciences Department. She replaces Dr. Bob DeNovo, who is now associate dean for administration and clinical programs.

Kirk received her DVM from the University of California at Davis, completed an internship at the Animal Medical Center in New York, and also completed an internal medical residency and PhD in nutrition at UC Davis.

Kirk was a senior scientist for nine years at Hill's Science and Technology Center and served as teaching faculty for the Mark Morris Institute before joining the college in 2003. A diplomate of the American College of Veterinary Nutrition and American College of Veterinary Internal Medicine, Kirk also serves as a professor of medicine and nutrition. Her area of research is nutritional interaction with disease with special interests in obesity, feline diabetes and feline calcium oxalate urolithiasis.



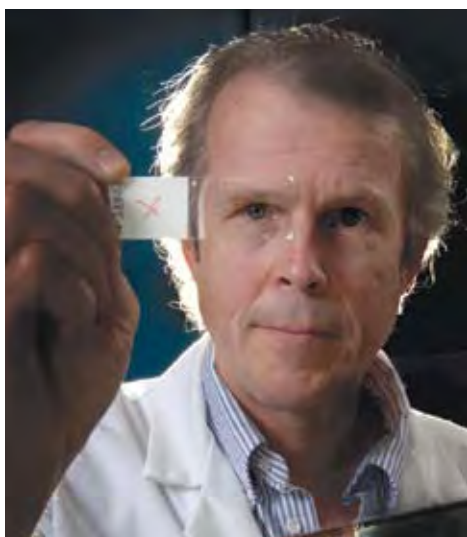
Dr. Claudia Kirk

Hold the Phone

To better serve our clients, the UT College of Veterinary Medicine is happy to provide a new service for referring veterinarians: a referral coordinator. The service offers a user-friendly liaison between referring veterinarians and UTCVM clinicians. Of the nearly 7,000 monthly phone calls to the college's hospital switchboard, more than half are from referring veterinarians. The coordinator will assist veterinarians with every aspect of the referral, from keeping them aware of their patient's status while at UTCVM to helping with patient follow-up care and advice. The ultimate goal is to create an even stronger medical team composed of the UTCVM clinician, the referring veterinarian and the client. Veterinarians can call 865-974-8387 and ask to speak with the referral coordinator.

In the Meantime...

Dr. Michael McEntee has agreed to serve as interim department head in Pathobiology. After receiving his DVM from Cornell College of Veterinary Medicine, where he also finished his residency in anatomic pathology, McEntee spent three years in a western New York dairy practice. He was an instructor at North Carolina's veterinary college and a post-doc in retrovirology at Johns Hopkins University Medical School before joining UT in 1992.



Dr. Michael McEntee

Life in retirement's fast lane

After 30 years at the University of Tennessee, Dr. David Edwards retired this spring and was awarded the status of emeritus professor in recognition of his outstanding contributions to the college and Institute of Agriculture. Edwards began his UT career as an assistant professor of internal medicine in the Department of Small Animal Clinical Sciences; he retired as a full professor and department head in the Department of Pathobiology and a Diplomate of the American College of Veterinary Internal



Dr. David Edwards

Medicine and the College of Veterinary Pathology. Throughout his tenure, Edwards served as an associate dean and conducted research funded by the National Institutes of Health. Colleagues say Edwards, a rigorous intellectual, is blissfully spending his early days of retirement digging postholes and enjoying the country life with his wife, Donna. While his wisdom, insight, humor and integrity will be missed at the college, if you see a BMW motorcycle parked outside Panera, stop in and ask him about his latest project or the most recent twist in the economy.

Atta' Girl

Misty Bailey, communications coordinator with the college's Office of Research, has received the CVM Outstanding Employee Award. The award is given twice yearly and recognizes the exemplary performance, dedication, commitment and compassion of a college employee.

Bailey has been with the college five years, and her primary responsibility is editing scientific manuscripts and grant and contract proposals. She also produces a research newsletter and the Center of Excellence annual reports. Bailey organized the first Comparative and Experimental Medicine Research Symposium in 2007 and saw participation in the 2008 symposium quadruple. One nominator wrote "**Misty is professional, dedicated, never flustered and incredibly efficient.**" She is responsive to the many needs of faculty members and staff, even editing a manuscript for one researcher while at home on sick leave. Congratulations to Misty Bailey on her award!



Dr. Buddy Moore, associate dean of research (left) and Dr. Jim Thompson, UTCVM dean (right) present Misty Bailey (center) with the CVM Outstanding Employee Award.

Say Cheese...

UTCVM's Dental Suite is now open thanks to generous support from Dr. Sharon Startup, Midmark Corp., AFP Imaging Corp. and Webster Veterinary (a Patterson Company). Two procedures can be performed simultaneously in the room, which is equipped with custom cabinetry, Canis Major power lift table, fixed height wet treatment table, dental digital radiography, and a Vet Pro 1000 dental delivery system. The new suite allows us to expand our services to include surgical extractions, periodontics and endodontic therapy. The projected increase in our caseload will provide excellent exposure and experience for our students. Startup, who joined UTCVM in February as a visiting scholar and alternative dental resident, says dental disease affects about 80 percent of our patients, but in today's veterinary teaching hospitals it gets less than 10 percent of the focus. "Many of our patients are suffering silently with dental pain," says Startup. "My hope is to keep UT up-to-date, if not ahead of the curve, in dental education." She says ultimately our patients will be pain free and have a better quality of life.



UTCVM's newly opened Dental Suite.

Lameness Locator

UTCVM is a beta test site for the Lameness Locator, a device invented at the University of Missouri College of Veterinary Medicine. Using motion analysis, the device helps pinpoint the location of lameness on a horse. Dr. Steve Adair, associate professor of equine surgery, says it helps measure subtle differences in stride and weight-bearing that aren't visible to the naked eye. Stay tuned for more information in the fall 2009 issue of our magazine, Veterinary Vision.

Double the Bang for Your Buck

Special limited time UT matching gift opportunity!!

The University of Tennessee will match, dollar-for-dollar, gifts and pledges of at least \$12,500 to the College of Veterinary Medicine for the next two years. The funds will be used to help construct and equip the Large Animal Hospital renovation and expansion. Help us build a new large animal hospital to better serve you and the animal industries of Tennessee. Please contact Claire Eldridge, UTCVM Development Director, at 865-974-6477 or celdridge@utk.edu. Gifts and pledges must be paid in full by March 15, 2011, to qualify for matching funds.



Mark the Date

June 16

Pet Loss Support Group

July 21

Pet Loss Support Group

July 25

Southeastern Alpaca Association Seminar

August 3-7

Foreign Animal and Emerging Diseases (FAED) course

August 18

Pet Loss Support Group

September 26

Ag Day: Alumni-Student Tailgate (UT-Ohio football game)

October 8-9

UTCVM Advisory Board Meeting

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