



Also inside this issue of *lifelines*:



Dr. Phillip Hardwidge recognized in China. See page 2



Student shares Israel zoo experience. See page 3



CVM welcomes class of 2017. See page 3



Joel Sanneman goes Under the Microscope. See page 4

U.S.-China Center celebrates veterinary education partnership

College welcomes visiting dignitaries from China to congratulate students



Dr. Liu Jinghui, secretary general of the China Scholarship Council, congratulates students on selection for pre-veterinary and DVM studies at K-State.

For the first time since 1950, students from China are being supported by their home country to earn a DVM degree from the United States – and it’s happening here at K-State’s CVM.

Three of four Chinese students who studied pre-veterinary medicine at K-State during the 2012-2013 school year – Yaoqin Shen, Bo Liu and Jing Li – were accepted this year as K-State CVM students, while the fourth student, Yi Ding, was admitted for DVM studies at the University of Minnesota.

“The Chinese government has been attaching great importance to the cooperation and exchanges in education and culture, especially in student and scholar exchanges,” said Dr. Liu Jinghui, secretary general of the China Scholarship Council. “We are eager to partner with top veterinary colleges in the U.S. to support students from China as they

pursue their four-year DVM program training.”

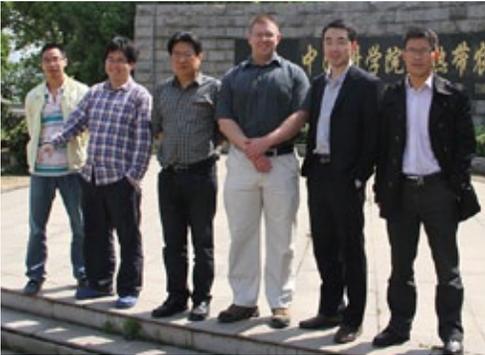
China has the world’s fastest growing populations of livestock and companion animals, according to Dr. Jishu Shi, director of the U.S.-China Center for Animal Health at K-State. Although China has made significant progress in animal production and food safety in the last few decades, improvement in veterinary services is needed to meet the increasing demand, Dr. Shi said.

To advance veterinary education and practice standards in China, the U.S.-China Center for Animal Health and China Scholarship Council jointly established and coordinated this pre-veterinary and DVM program. Through this joint program, the U.S-China Center for Animal Health provides scholarships to the students for their one year pre-veterinary studies at K-State. The China Scholarship Council has committed more than \$13 million to support the Chinese veterinary students for their DVM.

“The next generation of the U.S.-trained Chinese veterinarians will serve as effective catalysts to enhance veterinary education and quality of veterinary care for animals in China,” Dean Ralph Richardson said.

Watch the whole video about the recognition event at: www.vet.k-state.edu/development/lifelines/1309.htm.

Dr. Hardwidge earns Senior International Scientist title



Dr. Phillip Hardwidge stands with colleagues from the Chinese Academy of Sciences during one of his recent trips to China.

International collaboration is bringing a new distinction to a microbiologist in the CVM. Dr. Philip Hardwidge, associate professor of diagnostic medicine and pathobiology, has recently been granted an award through a program called the Chinese Academy of Sciences (CAS) Visiting Professorship for Senior International Scientists.

Dr. Hardwidge has been researching several types of *Escherichia coli* that cause diarrhea and malnutrition in humans and livestock, including *E. coli* O157:H7, non-O157 STEC and enterotoxigenic *E. coli* (ETEC). These pathogens, as well as other enteric bacteria that use contact-dependent secretion systems, represent important threats to food safety, biosecurity, and animal health.

During his trips to China, Dr. Hardwidge has visited several universities where he gave presentations on his research.

“Through the Senior International Scientist program, I can visit China once or twice a year to help guide our collaborative research programs,” said Dr. Hardwidge. “Our relationship with China gives us access to unique strains of bacteria, plus they are noted for their strength in field studies. We’re also hoping that China can send visiting

scholars over here, including masters and Ph.D. students, as well as visiting professors, who we could employ in my lab at K-State.”

For China, the goal of the visiting professorships program is to enhance the science and technology innovation capacity of CAS institutes. By inviting accomplished researchers from overseas, the CAS hopes to strengthen the cooperation and exchange between CAS institutes and international research institutions and universities. The visiting professorships program provides financial support for visits of two to 12 months in duration. Funding covers the travel and other personal expenses of the visiting international scientists. Dr. Hardwidge said only about 60 international scientists receive this award, and that it is renewable for future years.

Alumni and faculty make list of influential veterinarians

Bovine Veterinarian magazine recently identified 20 veterinarians who “have had extraordinary influence on the beef or dairy industries” over the years. K-State was proudly represented among the selected 20, with two current faculty members, a former faculty member and a CVM alumnus making the list. These selected professionals are Drs. Michael Apley, Dan Thomson, Mark Spire and Bob Smith, respectively.



Dr. Mike Apley, professor and section head for Production Medicine/Clinical Pharmacology and 1987 K-State DVM



Dr. Dan Thomson, Jones Professor of Production Medicine and Epidemiology and Director of the Beef Cattle Institute



Dr. Mark Spire, veterinarian with Merck Animal Health, master's degree in clinical sciences from K-State and former faculty member



Dr. Bob Smith, feedlot consultant with Veterinary Research and Consulting Service in Stillwater, Okla., and 1976 K-State DVM

Externship takes student behind the scenes in Israel

By Caitlin Sullivan, class of 2015

In a small forested corner of the Middle East lies a peaceful area filled with many species of animals, ranging from lions to otters. This park is known as the Tisch Family Zoological Gardens in Jerusalem. It was here I spent the summer volunteering with three other K-State students, Shoshana Levshin, Sarah Halpern and Lior Kamara.

During my time as a veterinary student in the zoo clinic, I was fortunate enough to see much of what goes on beyond the visitor's gaze. The work would begin at 7 a.m., and each day I would help at one of the eight sections of the zoo: the Children's Zoo, the Carnivores, the Herbivores, the Primates, the Birds, the Small Animal Building, Australia and the Elephants.

I would feed the animals and clean the enclosures. Around 9 a.m., I would make my way back to the clinic, toward a day filled with everything from resuscitating turtles and porcupines, ultrasounding a mandrill and preparing lemurs for shipment to another zoo in India.

I was surprised both by how many animals at the zoo are not on display and how much work had to be completed before the zoo opens each day. As a result, zoo visitors never see the entire assortment of animals cared for by zoo staff because they are unable to safely live anywhere else. In addition, the zoo conducts in ongoing research, conservation and rehabilitation



The zoo staff release a pair of fallow deer back into the wild.



Volunteers assist with the ultrasound of a mandrill.

programs to breed and release animals back into the wild, such as otters, vultures and fallow deer, the latter of which we released four back into the wild on my second day at the zoo.

In order to release the deer, the head veterinarian first had to dart the animals so they could be safely removed from the enclosure. While I proceeded to vaccinate the deer for rabies, other staff members scanned for microchips, drew blood and prepared a drug to reverse the sedation. Because the group was so efficient, the animals were sedated for less than five minutes each. After the deer were loaded into wooden boxes, they were secured and transferred a short distance to a nature reserve outside of Jerusalem. The four deer were immediately released from their wooden crates into a small fenced enclosure, where 14 other deer were previously released. They were free to leave the enclosure and enter their natural habitat, as we watched with binoculars from a nearby hill.

First-year students kick off the year with orientation



New students and their families help themselves to lunch during a break from orientation sessions.



Enjoying the food and the sun outside of Mosier Hall.



During the SAVMA team-building exercises, new students work together to build balloon towers.

Under the microscope



Joel Sanneman

Confocal Manager, Anatomy and Physiology



Hometown: I'm originally from Clay Center, Kan., but have lived here in Manhattan since college.

Family Information: I'm married to my wonderful wife of 13 years, Jackie Sanneman. We have three kids: my son Brayden, 9, and two daughters Breanne, 7, and Blylee, 4.

Pets: We have two dogs; a loyal German shepherd rescue named Gus, who is about 16 years old and a rambunctious 5-year-old black Labrador named Cooper.

What does the change in seasons mean to you? I always look forward to football season. I also pride myself on a meticulously maintained landscape at home, so I will be sad to see the green turn to brown. However, I will look forward to more time to tie flies for next year's fishing.

What was one of your favorite classes in college? I would have to say the class that had the greatest impact on my life was Pathogenic Microbiology 530 taught by the late George Marchin, because it was there that I met my study partner and future wife, Jackie.

CVM NEWS TICKER

Congratulations to **Dr. Justin Kastner**, associate professor of Diagnostic Medicine/Pathobiology, on his new role as interim director of the university honors program for the fall 2013 semester.

Hannah Leventhal, third-year student, was selected this year as the SAVMA secretary-elect. She will be attending multiple SAVMA events throughout the year with the role of organizing meeting minutes, maintaining records for SAVMA and serving as the line of communication between executive board officers.



Second year student **Shawna Cikanek** was awarded second place in the poster contest at the Association of Avian Veterinarians Poster Contest for her poster, "Housing Strategies for the Ex-Situ Conservation of Harlequin Frogs using Behavioral and Physiological Indicators."

UPCOMING EVENTS

- Sept. 14: Cat Town tailgate two hours before the home football game against University of Massachusetts
- Sept. 16: A&P Seminar featuring Scott Ferguson, Clark Holdsworth and Ryan Broxterman
- Sept. 23: A&P Seminar featuring Dr. Norberto Gonzalez

Students win therio competition



Three students participated in the Society for Theriogenology and American College of Theriogenologists Annual Meeting this past August in Louisville, Ky. Two of the students participating won student case competitions. On the left, Jessica Klabnik-Bradford, third-year student, placed first in the poster session. On the right, Viviane Gomes, center, a science without borders student from Brazil, placed first in the oral session. Stephanie Skinner also attended and presented in the scientific abstract competitive session. Photos by William Schultz, DVM, DACT.

You are invited to Cat Town

Join us two hours before home football games to tailgate with the K-State veterinary family. Meals for each game will served by different student groups within the college. Food will be served until kickoff or until it runs out. We hope to see you there.

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