

## Six travel to Uganda with Christian Veterinary Mission

On March 14, six people from the College of Veterinary Medicine gave a presentation about their trip to Uganda with the Christian Veterinary Mission.

The team included fourth year students Chris Payton, Toni Bandt and Jennifer Turner; grad students Dr. Becky Smith and Dr. Aric Bandt; and nurse Dana Payton.

They were inspired by Dr. Val Shean when she visited K-State for Real Life, Real Impact weekend, and they

happily accepted her invitation to come to Uganda and assist her team in a zoonotic disease survey.

Because there are few veterinarians in Karamoja, Dr. Shean trains the village people as community health workers to provide basic services.

The K-State team traveled to Karamoja, a semi-arid region in northern Uganda, and lived among the Karamajong, an ethnic group that lives a semi-nomadic lifestyle. The group stayed in a compound owned by the Church of Uganda.

They interacted with the Karamajong people to gain their trust before performing any veterinary procedures. "We focused more on building a relationship with the people than just getting the job done," Smith explained. "The way to do that was to show them we cared about their cows."

Cattle are the most important part of the Karamajong culture, and the



Chris Payton, Dr. Moses, Dr. Opio, Jennifer Turner, Dr. Val Shean, Dr. Aric Brandt, Dr. Becky Smith and Toni Brandt displayed the supplies donated to the Karamoja Diagnostic Lab by U.S. supporters.



Chris Payton, Dr. Val Shean and Dr. Girifonzio performed a pre-anesthesia check on a dog before it was spayed.

wealth of a family is related to its herd. Cows are used to pay the dowry when a man wishes to marry.

"Livestock will be sacrificed to atone for any cultural faults or to protect the family from evil spirits," Smith said.

The team acquired blood samples from the cattle to test for tuberculosis and brucellosis, diseases that infect natives in close contact with cattle. Out of 60 cattle analyzed, nine tested positive for brucellosis and two were positive suspects for tuberculosis. They also taught veteri-

narians and animal health workers the basics of sampling, diagnostics and survey techniques.

Echinococcus is a parasite that is highly prevalent in the local small ruminants. The team tested dogs and provided rabies vaccinations.

The group said one of the most interesting aspects of the Karamajong culture was the way they used every part of the cow, including the blood. It's mixed with milk to make "blood soup."

More information on the Christian Veterinary Mission can be found at [cvmusa.org](http://cvmusa.org).

### CALENDAR OF EVENTS

- April 9 - 21** NAVLE testing
- April 13** No classes for 1st, 2nd and 3rd year students after noon
- April 14** Annual University Open House

- April 27** Kind Hearts, Caring Hands Day
  - No 1st, 2nd and 3rd year classes
  - See Page 4 for a complete schedule of events

## ***Dr. William Guggino to present Clarenburg Lecture***



On April 3, Dr. William B. Guggino, PhD, will present the Rudolf Clarenburg Lectureship.

His lecture, titled "Macromolecular Complexes Directing the Trafficking of CFTR from the Golgi to the Plasma Membrane," will begin at 4 p.m. in the Practice Management Center.

Refreshments will be

served prior to the lecture, beginning at 3:30 p.m.

Dr. Guggino received his PhD from the University of North Carolina – Chapel Hill in 1978.

He currently serves as the Director of Physiology and the Director of the Cystic Fibrosis Research Development Center at Johns Hopkins University.

Dr. Guggino received the Doris F. Tulcin Cystic Fibrosis Research Award because of his extensive research of the biology of cystic fibrosis.

The Rudolf Clarenburg Lectureship was established in 1996 to honor the late A&P professor.

## **2007 Alumni Fellow visits students, faculty**



***Dr. Jane Brunt, CVM '80, was selected as the 2007 Alumni Fellow for the CVM. On Feb. 22, she presented her seminar, "Balance Your Talents," to students and faculty.***

***In 1984, Dr. Brunt opened the Cat Hospital at Townson (CHAT) in Baltimore, Md., and currently employs 23 staff members. She also opened the Cat Hospital Eastern Shore in 2000.***

***After her presentation, Dr. Brunt visited with students and signed copies of the book, "Who Moved My Cheese?", which she provided for each student. Books are still available in the Alumni/Development office.***

# **GROW Program Allows Girls to Investigate Veterinary Careers Through Hands-On Projects**

***Participants rotated through 12 stations to explore the careers in veterinary medicine***

On February 24, nearly 100 girls spent the day on the K-State campus visiting, learning and experimenting at the CVM. The event, All 4 Animal Health (AAH!) was coordinated by the Girls Researching Our World (GROW) program, Women in Science and Engineering, and the CVM. GROW focuses on encouraging girls to investigate and pursue careers in the science, math, engineering and technology fields.

Participants, who ranged in age from sixth to eighth grade, rotated through 12 different stations throughout the day. They had the opportunity to perform several hands-on activities including a

small animal check-up and a large animal ultrasound. They also examined worms found in ferrets, mixed feed and practiced basic suturing.

Dr. Meredyth Jones coordinated one of the stations, titled Women in Large Animal Medicine: A Walk on the Wild Side. Participants, with the help of three CVM students, observed an ultrasound of a pregnant sheep and examined blood cells and X-rays from small animal surgeries.

Dr. Jones hopes this will interest girls in the field of large animal veterinary medicine.



***GROW participants observe an ultrasound image during the large animal rotation.***

"Although 80 percent of veterinary students are female, only a small portion choose a large animal concentration," Dr. Jones said. "We wanted to show the girls that they really can be successful in working with large animals."





By Carol Elmore

# Check it Out at the Library

The Kansas State University Open House on Saturday, April 14, will bring lots of folks to campus. Many visit the College of Veterinary Medicine to view displays and tour our facilities.

The library will be open from 11 a.m. to 3 p.m., and it's a great place to bring

friends and family who might be taking part in the open house activities. Our Animals in Society Collection is a unique collection of great interest to all because it has books, videos, DVDs and books on CD geared to the general public and their interest in animals. We have many children's books and DVDs that can be checked out to provide entertainment as well as information.

We are open to the public and open house is an excellent time to remind people that they can sign up for library cards, both for our library and for the Kansas Library Card that can be used to check out and search materials on the Internet.

We also have computers that can be used for database searching by people not affiliated with the university as well as our own faculty, staff and students. Our library has

many resources on human medicine and is an excellent place to get help with health literacy issues.

Our staff is trained to provide help in learning how to search our electronic resources and help in finding other materials in the Veterinary Medical Library. A new feature in database searching is the K-State Get It button, (see explanation at <http://www.lib.ksu.edu/db/getit.html>) which makes locating materials in the library much easier.

Don't forget the Veterinary Medical Library on your safari to explore and learn at the K-State Open House.

## Pfizer Contributes \$100,000 to Beef Medicine Course

High student demand and a significant commitment to educating large-animal practitioners has led to the creation of a new, six-week intensive advanced beef production medicine course at Kansas State University's College of Veterinary Medicine.

The course is being made possible in part from ongoing support from the Pfizer Animal Health Beef Production Medicine Fund with a gift of \$100,000 to be distributed over two years.

"The mix of veterinary students has changed in the past 20 years and the percentage of students with beef production experience has declined significantly," Dean Ralph Richardson said.

"At the same time, the demand for veterinarians to

serve the animal health and food safety needs of the beef industry is growing."

Pfizer Animal Health shares in that commitment and partnered with K-State by providing financial support for the courses, Dean Richardson said.

"Pfizer is proud to help fund the expansion of the beef production medicine initiative at K-State because we understand the success of beef producers is impacted by the expertise of the veterinarians who serve them," said Steve Clarken, Pfizer beef group director. "This course will help educate future leaders who will help ensure the health and productivity of beef animals, and ultimately the beef industry."

The development of the

new advanced beef production medicine course is an outgrowth of two courses the college launched in 2005: advanced cow-calf production medicine and advanced feedlot production medicine.

The new course will be offered during May and June and will be open to 30 stu-

dents from K-State and other cooperating veterinary colleges.

The courses are taught by a team of beef production medicine experts at K-State and by guest lecturers from industry, private practice and the K-State department of animal sciences and industry.



Dean Ralph Richardson accepted the \$100,000 check from Steve Clarken, Pfizer beef group director.

### Continuing Education Line-up

Don't miss the fantastic line-up of continuing education conferences this spring! Remember, K-State faculty, staff and students receive discounted registration. For a K-State registration form, go to [www.vet.k-state.edu](http://www.vet.k-state.edu) and click on "Continuing Education", then "Conference Information for KSU College of Veterinary Medicine Faculty, Staff, and Students." Register at ITC, 1 Trotter Hall.

**April 20 & 21** - Bovine Conference on Health and Production

### NEW ARRIVALS

**Chanran Kumar Ganta** - A & P  
**Ofelia Zegarra** - DM/P  
**Mario Brum** - DM/P  
**Michael Dinwiddie** - DM/P

### RECENT DEPARTURES

**Nicole Peabody** - Dean's Office  
**Stacy Wiedmaier** - VMTH

## CVM News Ticker

**Dr. Bonnie Rush**, Clinical Sciences, gave a presentation at Tufts University on Feb. 26.

**Dr. Greg Grauer**, Clinical Sciences, presented a two-day Canine and Feline Nephrology/Urology continuing education course in San Antonio, Texas, as part of the North American Veterinary Conference on March 2-3.

**Dr. Mike Apley**, Clinical Sciences, spoke at the Minnesota College of Veterinary Medicine on March 8.

**Dr. Dan Thomson**, Clinical Sciences, gave a presentation at the Academy of Veterinary Consultants on March 30.

**Dr. David Anderson**, Clinical Sciences, spoke at the Missouri Alpaca Conference on March 23.



**Dr. Sarah Madaio**, CVM '06, gave birth to twin girls, Avery Rose and Cayden Christine, on July 12, 2006. She and her husband, Geoff, live in Albany, New York.

## Kind Hearts, Caring Hands Day Friday, April 27

- 7:30-9 a.m. Free all-college continental breakfast  
Conference Room - 4th Floor Trotter
- 8 a.m. CVM Tours  
CVM Library - 4th Floor Trotter
- 8:30-10 a.m. Quiz Bowl  
201 Trotter
- 10 a.m. Classroom Lectures & Lab Demonstrations  
Frick Auditorium - Mosier Hall
- 11 a.m. All-College Convocation  
Frick Auditorium - Mosier Hall
- 2 p.m. White Coat Ceremony  
Student Union Ballrooms
- 6:30 p.m. Senior Honors Banquet  
Student Union Ballrooms

## 2007 Phi Zeta Research Day Awards

-Dr. Charles E. Cornelius  
Graduate Student Travel  
Award

**Elliot Stevens**

-Case Report

**Robert Di Terlizzi**

-Miller Pathology Scholarship  
Award

**Amanda Beck**

-A.S.R. Ganta Graduate  
Student Award

**Becky Quesnell**

-A.S.R. Ganta Veterinary  
Student Award

**Shelby Reinstein**

-Dr. Harish C. and Ved K.  
Minocha Scholarship

**Dal-Young Kim**

-Pfizer Animal Health Award  
for Excellence in Research

**Dr. Bob Rowland**

-Poster

**Stacy Borum**

**K.D. DeDonder**

**Leah Wellman**

-Mahlon Vorhies Production  
Animal

**1st - Elliot Stevens**

**2nd - R.L. Smith**

**3rd - M.E. Jacob**

-Basic Science Research  
Presentation

**1st - Ruchira Singh**

**2nd - Lara Pickel**

**3rd - Suma**

**Somasekharan**

-Benjamin Kurz Research  
Scholarship

**Jon Nauss**

-Clinical Science Research  
Presentations

**1st - M. Ameri**

**2nd - A. Thornton**

**3rd - Ray-Miller**

**WM**