



Students' Scholarly Success Haley DeLong wins scholarship from Kansas Livestock Foundation and Merck Animal Health



Third-year student Haley DeLong has been chosen as the recipient of a \$1,500 scholarship presented by the Kansas Livestock Foundation and its partners. The scholarship, for the 2017-

18 school year, were announced Nov. 29 at the annual Kansas Livestock Association Convention in Wichita.

Haley has received the Ralgro Wheels for Bucks Scholarship from Merck Animal Health and the Kansas Livestock Foundation. This award recognizes K-State veterinary students who want to be large animal veterinarians.

"I was very honored to be selected for this award out of so many other applicants," Haley said. "Any scholarship helps to relieve just a little bit of the financial burden that we accumulate throughout our educational careers. After graduation, I plan on joining a mixed animal practice somewhere

in rural Kansas where I would primarily be working with beef cattle. Also I would like to buy in to a practice at some point in my future."

KLF was established in 1983 to operate solely and exclusively for charitable, scientific and educational purposes. KLA is a trade organization protecting the business interests of independent ranchers, feeders and dairy farmers. Members of the association are involved in all segments of the livestock industry, including cow-calf production, backgrounding, cattle feeding, swine, dairy and sheep. The association's work is funded by voluntary dues dollars paid by its 5,400 members.

Dr. Shari Kennedy to receive Wren Award at WVC in March



Dr. Shari Kennedy, VHC Livestock Services intern, was one of five recipients chosen for a 2018 Dr. W. Bruce Wren Food Animal Incentive Award to be presented in March at the WVC.

Dr. Kennedy, who is from Tyro, Kansas, received her DVM from K-State in 2017.

"I am deeply honored to be one of the recipients for the Dr. W. Bruce Wren Food Animal Incentive Award," Dr. Kennedy said. "Being able to attend this year's Western Veterinary Conference and continue my post-graduate education through peer lectures and workshops is an amazing opportunity. I plan to use the knowledge and skills from this conference and my internship experience to better enable me to continue my career as a large animal internal medicine resident in the hopes of becoming a food animal internal medicine clinician at a veterinary school."

The Dr. W. Bruce Wren Food Animal Incentive Award is named after a K-State alumnus, who was the longtime food animal program manager of the Western Veterinary Conference, held annually in Las Vegas. The award includes expense paid travel to attend the conference and a stipend of \$1,000.

Dr. Wren graduated with a Doctor of Veterinary Medicine in 1958, a master's degree in veterinary pathology in 1962 and a doctorate in veterinary pathology in 1965, all at K-State. He was also an instructor in the veterinary college for a few years, before eventually leaving to work in private industry throughout the rest of his career.

Brett Montague to receive Walther leadership award at WVC



Third-year veterinary student Brett Montague will be one of 37 students to receive a Dr. Jack Walther Leadership Award at the Western Veterinary Conference,

scheduled for March 4-8 in Las Vegas, Nevada.

One student each is selected from all of the veterinary colleges in the U.S., Canada and Caribbean Islands on the basis of accomplishments, scholastic excellence and long-term leadership potential. Recipients receive a \$1,000 award, complimentary registration, lodging, airfare and a daily stipend to attend the 2018 conference.

"I feel like I'm constantly surrounded with such incredible student leaders here at K-State,

so to be selected for this award is truly an honor," Brett said. "I'm excited to continue learning ways to give back to my community and to find my role in serving our profession now and in the future."

Since inception of the scholarship program in 2002, the Western Veterinary Conference has granted approximately \$1 million in scholarship funds. The Dr. Jack Walther Leadership Award recognizes veterinary student leaders and promotes lifelong professional service to the industry.

BCI's Dustin Aherin to attend MIT through Sloan Visiting Fellows Program

Dustin Aherin, a doctoral student with the Beef Cattle Institute (BCI) at Kansas State University was recently selected to spend the 2018 spring semester as a visiting fellow at the Massachusetts



Institute of Technology (MIT) in Cambridge, Massachusetts.

Aherin was selected from a very competitive field of applicants for the MIT Sloan's Visiting Fellows Program. The program will allow Aherin to work under the mentorship of MIT faculty while developing a systems model that encompasses the beef industry from genetic selection through the birth and growth of calves, to final harvest.

"Systems dynamics is a powerful tool for decision making and the assessment of the long-run sustainability of operational and industry practices," Aherin said. "This recognition and opportunity is particularly valuable because faculty from MIT were early innovators of systems dynamics, and the prestigious institution continues to provide influential leaders in the discipline."

CVM faculty journey to Tanzania for workshop



This past November and December, six Kansas State University College of Veterinary Medicine faculty and staff had the opportunity to visit Sokoine University of Agriculture (SUA) and its College of Veterinary Medicine and Biomedical Sciences in Tanzania as part of a World Organisation of Animal Health (OIE) Veterinary Education Twinning Project between the two colleges.

The goal of this project is to promote partnerships between universities that lead to exchange of ideas and opportunities, which ensure future veterinarians are prepared for challenges in promoting global animal and public health.

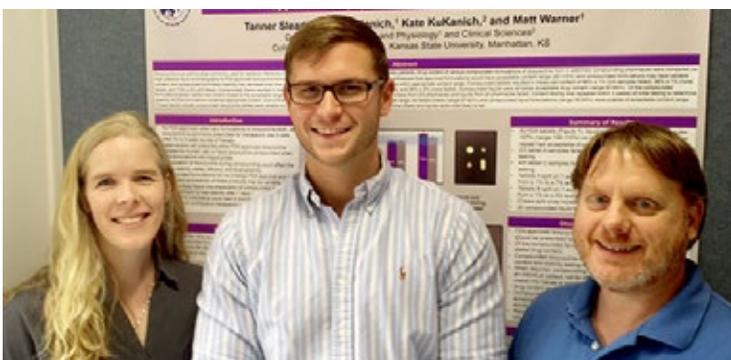
During this most recent workshop in Tanzania, faculty from Kansas State University and SUA discussed a variety of topics and project activities that promote these goals. Among these topics were curriculum, continuing education, research collaborations, student and faculty exchanges, and equine medicine lectures and practical exercises. Drs. Peggy Schmidt, Katie Delph, Katie Reif, Mike

Sanderson and Tesfaalem Sebhatu and project administrator Rachel Reichenberger represented K-State during this workshop.

Dr. Schmidt presented a curriculum review matrix developed for mapping veterinary curriculum to the OIE's "Day 1" competency standards. These standards consist of skills and knowledge recommended for graduating veterinarians to have in order to support their national veterinary services. The tool developed by Dr. Schmidt will be used to identify curricular gaps related to the OIE Day 1 Competencies at SUA.

"I had extensively reviewed documentation of SUA's BVS curriculum prior to our visit in November, but paper cannot capture the heart of a veterinary training program," Dr. Schmidt said. "Touring the facilities, speaking with faculty, and interacting with students really brought their program to life. The OIE Veterinary Twinning Project is a wonderful opportunity for programs SUA and KSU to learn from each other, and in the end, enhance student training at both institutions."

Study demonstrates loss of compounded drug potency



Drs. Kate and Butch KuKanich provide research mentoring to fourth-year student Tanner Sleat.

A new study funded by Morris Animal Foundation shows a commonly compounded antimicrobial drug used in veterinary medicine may be losing potency over time. The study recently was published in the *Journal of the American Veterinary Medical Association*.

The CVM research team showed that compounded formulations of doxycycline lost potency within three weeks of receipt, with many dropping to sub-therapeutic content in that time, as defined by the United

States Pharmacopeia (USP) standards.

The findings could have a significant impact for practicing veterinarians who rely on this antimicrobial to treat various infectious diseases in animals, including Rocky Mountain spotted fever and leptospirosis, and as an adjunct therapy for heartworm disease.

The research team at K-State included Tanner Sleat and his mentors, Drs. Kate and Butch KuKanich.

SAVMA board holds 'Farmer Olympics'

The SAVMA board hosted a "Farmers' Olympics" event, which was open to students and faculty at the Equine Performance Testing Center (EPTC).



A pair of students compete in a steer roping contest.

Teams entered by donating a canned good or other food item to Cat's Cupboard, the

Kansas State University Food Pantry. A total of four teams participated in the events including: greasy pig toss, palpation identification, bale stacking, steer roping, a relay and no-hands ice cream eating.

The SAVMA board would like to thank the school for allowing the use of the EPTC for the event and thanks to all the teams for their participation and donations.

CVM News Ticker



The CVM welcomes Shelby Mettlen as the newest member of its marketing and communications team. Mettlen will serve as a communications and marketing specialist for the college and in the same capacity for the Beef Cattle Institute (BCI).

Drs. Dylan Lutter and Cori Youngblood received a \$13,638 grant from Success FYI for their research project, "Autologous mesenchymal stem cells and PRF treatment of equine skin wounds."

Drs. Shaun Huser, Brad White and David Amrine received a \$15,000 Success FYI grant for, "Blood leukocyte differential panel of bovine respiratory disease."

Drs. Raghavendra Amachawadi, Mike Apley and T.G. Nagaraja also received a \$15,000 Success FYI grant for their project, "Metagenomics and antibiotics bovine host."

Drs. Beth Davis, Katie Delph, Liz Perry and Chris Blevins were awarded a \$14,700 MCAT grant for, "Equine Ig post vaccination."

Drs. Chris Blevins and Emily Reppert recorded radio spots promoting the VHC for radio stations KMAN, Sunny and Z96.3.

Drs. Emily Reppert and Manuel Chamorro presented an abstract, "BVDV and BHV-1 antibody levels in colostrum of beef heifers vaccinated or unvaccinated during gestation with a multivalent killed viral respiratory vaccine," at the Conference of Research Workers in Animal Diseases Dec. 3-5 in Chicago.

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