

2013

## Animal Science E-Newsletter, February 2013

University of Arkansas, Fayetteville. Department of Animal Sciences

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# University of Arkansas

## Dale Bumper's College of Agriculture, Food and Life Sciences

### Department of Animal Science

#### E-Newsletter

#### D. E. King Equine Program

All Equine news can be found on the [Equine Newsline](#).

#### Dash4Cash

Fayetteville, Ark. – The University of Arkansas Department of Animal Science D.E. King Equine Program (DEKEP) will host their annual Dash4Cash 5K, a 1 Mile Dog Walk and AnimalPalooza at the Pauline Whitaker Animal Science Center between 8 a.m. and 6 p.m. on April 20, 2012. [Continue reading...](#)

#### A New Season of Razorback Roundup

A new season began as the Department of Animal Science D. E. K. Equine Program (DEKEP) received their first donations for their annual horse auction, the Razorback Roundup. The event takes place during the fall semester but the Department is already beginning the long process of preparation. [Continue reading...](#)

#### Volunteer of the Month - Beth Ferguson

Beth Ferguson has been a longtime supporter of the Department of Animal Science Equine Program. For the past nine years she has been an Equine Program Volunteer (EPV) and has done everything from donating horses to event planning and has even done the jobs no one else wants to take on. [Continue reading...](#)

#### Clubs & Teams

##### Block and Bridle

Block and Bridle is encouraging students to get involved! B&B is a student club within the animal science department of the Dale Bumper's College of Agricultural, Food and Life Sciences. [Continue reading...](#)

##### Graduate Student Places Second in Graduate Student Presentation Competition at ASAS Southern Section Convention

Department of Animal Science graduate student, Jace Hollenbeck, placed second in the Graduate Student Presentation Competition at the American Society of Animal Science Southern Section Convention on February 4. [Continue Reading...](#)

##### Graduate Research Highlight - Parasitology

###### Eva Wray

Future graduate student, Eva Wray, developed a love for animals while growing up on a small family farm in Western Grove, AR. At an early age, her mother, a mixed practice veterinarian, introduced her to numerous animals including cattle, sheep, pigs, chickens and emus. [Continue reading...](#)

##### Animal Science Student Presented With Awards at

#### Letter from the Editor

Welcome to the new University of Arkansas Department of Animal Science Newsletter. We want to do our job of reaching YOU, our target audience, and deliver exactly what you want to know right to your fingertips. Here you will find stories that will keep you current with the various activities within the Department. Stay tuned for announcements, event updates and departmental news relevant to your life.

If you would like more information about a story, simply click the link below the article preview to view it in its entirety. Relevant contact information will be included with each full article.

We invite you to visit <http://bumperscollege.uark.edu/> to learn more about our college and to visit <http://animalscience.uark.edu> to learn more about our department.

Thank you for your interest and support. We look forward to providing you our service and having your involvement with our organization.

Sincerely,

Brittany A. Butler, Editor

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[Facebook](#) and [Twitter!](#)

## **Arkansas Quarter Horse Association Year End Awards Banquet**

### **Lensey Watson**

Lensey Watson was presented with a number of awards at the Arkansas Quarter Horse Year End Awards Banquet on February 2. Watson was shocked when she was presented with the Judy Fisher Memorial Sportsmanship Award, an honor voted on by the youth members of the Arkansas Quarter Horse Association.

[Continue reading...](#)

## **Professor Beth Rumley Discusses New Course at ASAS Southern Section Meeting**

### **New Course Explores the Laws Behind Animal Agriculture**

Orlando, FL – When Elizabeth Rumley stood up to speak at the ASAS Southern Section meeting, she started with a disclaimer.

“I’m probably the only person here who is not an animal scientist,” Rumley said. [Continue reading...](#)

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## Dash4Cash To Be Held at Pauline Whitaker Center

Friday, February 15, 2013 at 03:26PM

Equine Program Staff

The Department of Animal Science D. E. K. Equine Program will host their annual Dash4Cash, 5K, and 1 mile dog walk on Saturday, April 20 starting at 8 a.m.

Dog walk and running events will cost \$25 per person to participate. Participants will receive specially designed t-shirts and goodie bags. Dash4Cash will begin at 8 a.m. with a 5K run followed by a 5K dog run at 9 a.m. and a 1 mile dog walk at 10 a.m. All activities will take place at the University Of Arkansas Division Of Agriculture's Pauline Whitaker Animal Science Center and Agri Park.

For more information about the event or the D. E. K. Equine Program contact Kathi Jogan at [kjogan@uark.edu](mailto:kjogan@uark.edu) or call (479) 236-4768.

Article originally appeared on Equine Newslines Blog (<http://bareback.squarespace.com/>).  
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## A New Season of Razorback Roundup

Friday, February 15, 2013 at 03:20PM

Equine Program Staff



A new season began as the Department of Animal Science D. E. K. Equine Program (DEKEP) received their first donations for their annual horse auction, the Razorback Roundup. The event takes place during the fall semester but the Department is already beginning the long process of preparation. Tina Poseno, a long-time supporter of the program, recently donated an extra-large aluminum gooseneck horse trailer. Over the years Poseno has donated saddles, blankets, and numerous barn supplies to the DEKEP but the horse trailer will be a new key element for the program's safe transportation of horses.

Another recent donation was made by Jackie Jackson, a supporter who Poseno introduced to the program over a year ago. Jackson recently donated two Appaloosa geldings to the Department. "Jackie Jackson was instrumental in recruiting the donor of one of our sales toppers last year, and this year has outdone herself by solidifying the donation of two remarkable horses this spring," says Kathi Jogan, instructor and barn manager for the Department, "Having horses that received Jackie's expert training and care only means one thing -- these two top-notch geldings are destined to be among our sales toppers at the 2013 Razorback Roundup!"

Jackson runs an intensive care, vet referral foaling unit for all breeds and contacts the program when she has an assistant position or internship open up. She has worked with Poseno to find homes for many foals. "Tina has been instrumental in placing many of my at-risk foals, and I am indebted to her for her help." Now working together to support the DEKEP, their efforts are bettering the education for students in the Department of Animal science. "I am interested in the program, and I hope that it will help some future horsemen to have some nice horses to work with," says Jackson, "As a trainer, I know how difficult it is to hire good people in the horse industry, and I like what I have learned about the D. E. King Equine Program (DEKEP)." Jackson has been very impressed, having seen the professionalism students gain from the Program and the knowledge of the staff and faculty. She has noticed the sincere interest in the welfare of the horses donated to the program and thinks that this is a good lesson for students to learn.

Poseno also emphasizes the success of the DEKEP. It has improved since she first became involved and she said it's very 'user friendly' for the public to see what the Program does and the very good reputation it has earned. "It's been really nice interacting with the Program and I hope the funneling of high quality horses into the Program continues," says Poseno.

Jackson hopes the curriculum continues to include practical horse handling techniques. She stresses the need in the equine industry for people that know practical things, such as banding or braiding a horse for show, clipping and preparing horses for the different breed shows, bandaging for shipping or injuries, etc. She has met many graduates from horse related programs but has been disappointed by the lack in practical knowledge taught. The Razorback Roundup is just one way the DEKEP offers that practical knowledge to students.

These generous donations are the first of many and will help aid the education of DEKEP students. Jackson and Poseno express interest in the missions the DEKEP and Department of Animal Science strive to achieve. Their aid goes to much more than just educating youth. They're helping provide experiences for the leaders of tomorrow.

Article originally appeared on Equine Newline Blog (<http://bareback.squarespace.com/>).  
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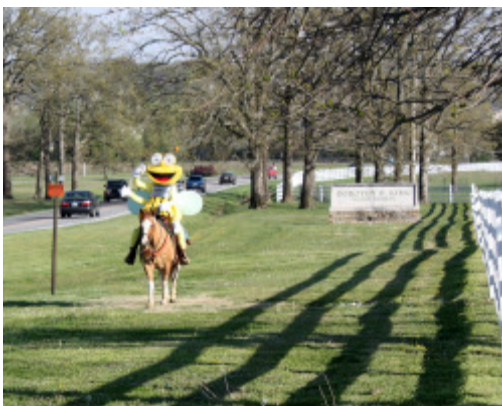
## Volunteer of the Month - Beth Ferguson

Friday, February 15, 2013 at 03:07PM

Equine Program Staff



Beth Ferguson has been a longtime supporter of the Department of Animal Science Equine Program. For the past nine years she has been an Equine Program Volunteer (EPV) and has done everything from donating horses to event planning and has even done the jobs no one else wants to take on. At the most recent Razorback Roundup auction, Ferguson was the one cleaning the horse's legs and hooves, just to make sure every detail was covered. She's even dressed as the SWEPCO lighting bug and worn a sign while riding her horse to draw people's attention to various events.



Beth sees more in the program than just classes where students learn. She's been enthralled with how students develop life skills most people wouldn't guess they would get out of the equine classes. Through horses, she's seen students learn leadership, learn to communicate efficiently with something that can't

speak and take responsibility for something other than themselves. “It’s way more than just a horse program, it’s life skills,” says Ferguson. With these kinds of offerings, she feels compelled to help the program any way she can. “If we don’t help, we’re letting down the students of tomorrow. They’re learning social skills, communication skills with something that doesn’t speak, and learning how to achieve their objectives while building relationships. It’s amazing to see these students develop. Especially when it’s hard at first and they have to persevere.”

She puts a lot of time and support into the program’s events which ultimately raise money for the care of the horses and teaching the students. “The credibility of the Razorback Roundup sale has improved over the years and that leads to the credibility of the students that come out of the program,” she says. As an EPV, she promotes that the program isn’t just for students. By helping at these events and offering support she’s gained a lot personally. “It’s two-sided. I benefit just as much from being involved and seeing the students develop through the program as they do.”

Volunteers help to make the program. “I can’t stress enough, the need for volunteers and financial support. Between the recession, recent drought and the direction agriculture is going; young adults are losing that agricultural knowledge fast, including equine.” She hopes that the future will bring more volunteers for the Equine Program and that the Department of Animal Science will continue shaping the children of tomorrow.

She also has her own child of tomorrow, her nine year old daughter, Brooke Ferguson, who she hopes will be a University of Arkansas equine student one day.



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# Animal Science Block & Bridle Club

The University of Arkansas Block & Bridle Club



**Advisors:** [Beth Kegley](#), Ph.D. and [Janeal Yancey](#), Ph.D.

**Purpose:** To foster the interests of animal sciences among students. The club is affiliated with the National Block and Bridle Club.

**Who can join:** Any student with an interest in animals or animal sciences can join.

Click [HERE](#) to find us on Facebook!

## Officers:

<b>President</b>	Ashton Williams, <a href="mailto:alw014@uark.edu">alw014@uark.edu</a>
<b>Vice-President</b>	Brandi Whittemore, <a href="mailto:bwhitem@uark.edu">bwhitem@uark.edu</a>
<b>Secretary</b>	Becca Schlote, <a href="mailto:bschlote@uark.edu">bschlote@uark.edu</a>
<b>Treasurer</b>	Daniel Garnett, <a href="mailto:dgarnett@uark.edu">dgarnett@uark.edu</a>
<b>Reporter</b>	Mallory Hiss, <a href="mailto:mhiss@uark.edu">mhiss@uark.edu</a>

## Chair of Livestock Activities (Block Head)

Nik Birchfield, [nbirchfi@uark.edu](mailto:nbirchfi@uark.edu)

## **Chair of Equine Activities (Bridle Head)**

Denise Kordis, [dkordis@uark.edu](mailto:dkordis@uark.edu)

### **The Block and Bridle Club Emblem**

This "B" symbol is very significant to Block and Bridle club members, as it represents the principles on which our club is built. Character, sincerity and a moral life are asked of members when they are initiated into the club and are depicted in the straight perpendicular of the "B".

The distinct curves of the "B" are symbolic of social pleasure, mental energy, and the determination of members.

The meat block represents the material aspects of our life and our profession. The bottom half, the bridle, stands for the behavior of the B & B members, the control over ourselves that we try to maintain, the mannerisms and respect we show toward others, and the manner with which we treat animals.

Taken from: <http://www.blockandbridle.org>

## Graduate Student Places Second in Graduate Student Presentation Competition at ASAS Southern Section Convention



Department of Animal Science graduate student, Jace Hollenbeck, placed second in the Graduate Student Presentation Competition at the American Society of Animal Science Southern Section Convention on February 4. He gave an oral presentation on the study entitled, *Effect of Lactic Acid Enhancement pH on Beef Quality Attributes of Bull Strip Loins*.

In the study, beef from mature bulls was used to test the effects of lactic acid enhancement solution pH on fresh and cooked color and tenderness of strip loin steaks. The results suggested that lactic acid enhancement improved fresh and cooked color attributes similar to a USDA select mean, but solution pH failed to compare in other aspects.

The American Society of Animal Science is a membership society that supports the careers of scientists and animal producers in the United States and internationally. The American Society of Animal Science fosters the discovery, sharing and application of scientific knowledge concerning the responsible use of animals to enhance human life and well-being.

## Graduate Research Highlight - Parasitology



Future graduate student, Eva Wray, developed a love for animals while growing up on a small family farm in Western Grove, AR. At an early age, her mother, a mixed practice veterinarian, introduced her to numerous animals including cattle, sheep, pigs, chickens and emus. Wray even had a chance to encounter a baby tiger after it was abandoned at her mother's practice. Her family kept the cub for three years until finding it a permanent home at Turpentine Creek Wildlife Refuge in Eureka Springs, AR. After obtaining an Associate of Art degree in Philosophy from The University of Central Arkansas she pursued her love for animals by obtaining a Bachelor of Science degree in Animal Science from the University of Arkansas.

Currently, Wray is working towards a Master's degree in Parasitology. Once assigned a project she will conduct research on internal parasites of sheep. Until then, she is dispersing strains of roundworms in sheep and cattle that will be grown and collected. These larvae will then be used by a leading pharmaceutical company to research potential drugs to treat parasites in animals (anthelmintics). For this research and



her future graduate research, she will be under the advisement of parasitology professors, Dr. "Yaz" Yazwinski and Dr. Tucker. "Dr. Yazwinski and Dr. Tucker, along with my mother and father, have been a tremendous help in the refining of my skills as an animal scientist," says Wray, "Even though the boys always have some sort of shenanigans going on, I do not think I would be on the educational path that I am without them. They are tremendous teachers and some of the best supervisors I have ever had."

Wray has a tentative agenda for her current research to spread and collect roundworm strains for 2013. January consisted of acquiring and deworming calves. This month she will collect the larvae that will be used for drug research. Between now and March she'll repeat the process when acquiring and deworming lambs. Once finished with school, she plans to keep calm and carry on.



## **Animal Science Student Presented With Awards at Arkansas Quarter Horse Year End Awards Banquet**



§ Graphic Design

Lensey Watson was presented with a number of awards at the Arkansas Quarter Horse Year End Awards Banquet on February 2. Watson was shocked when she was presented with the Judy Fisher Memorial Sportsmanship Award, an honor voted on by the youth members of the Arkansas Quarter Horse Association. She was also presented with a High Point Novice Youth Award for accumulating the most points all around in the Novice division of the association.

Last but not least, Watson was awarded the Novice Youth Achievement Award in the trail division.

Watson has been riding horses as an active member of the Arkansas Quarter Horse Association since she was nine years old. She has gained experience with horses her whole life, having first sat on a horse at 21 months old. She's participated in about three shows a year in Arkansas as well as numerous shows in neighboring states.

Her goal is to perform in the Youth World Show, the ultimate goal of members in the Quarter Horse Association. "It's not whether you win or lose," says Watson, "it's how you play the game."

# New course explores the laws behind animal agriculture

by MMcCurrySchmidt

Orlando, FL – When Elizabeth Rumley stood up to speak at the [ASAS Southern Section meeting](#), she started with a disclaimer.

“I’m probably the only person here who is not an animal scientist,” Rumley said.

Rumley still has an important role in animal science education. As a lawyer with the National Agricultural Law Center, Rumley helps animal researchers, veterinarians and producers understand their rights. Rumley spoke at the meeting on Feb. 4 to share how she turned her legal expertise into an animal science course at the University of Arkansas.

Rumley starts with the basics in class. Before she explains the legal issues in production, Rumley reviews the science. She wants students to understand why producers rely on controversial animal housing and management practices in the first place.

“This is also a way to get the class interacting,” Rumley said.

For example, Rumley encourages student focused on poultry production to explain to classmates why producers use different housing systems.

Once students know the basics, Rumley introduces the legal issues they may face in their careers. She explains how issues like antimicrobial use, animal housing and well-being can be affected by legislation.

One important concept is the legal definition of animals as “property.” Because animals are defined as property, producers and pet owners have the right to collect damages if an animal is killed or injured. The damages are limited to the value of the animal.

Rumley’s lesson plan can change based on new legal cases. Just last April, a pet owner in Colorado was awarded \$65,000 for emotional distress when her dog was hit by a car. Rumley has talked with her students about the possibility that other animals may be seen, legally, as more than property in the future.

“What does that mean for veterinarians, for example?” asked Rumley. “What does that means for those in animal agriculture?”

Rumley’s course is unique because it is offered to animal science graduate and undergraduate students, not pre-law students. Rumley said the course has received interest from the Arkansas Farm Bureau and producers in the area. She brought up the possibility of an online course in the future.