

Fall 2014

## **ANSC, Fall 2014**

University of Arkansas, Fayetteville. Department of Animal Sciences

Follow this and additional works at: <https://scholarworks.uark.edu/anscnews>

---

### **Citation**

University of Arkansas, Fayetteville. Department of Animal Sciences. (2014). ANSC, Fall 2014. *Animal Science Newsletter*. Retrieved from <https://scholarworks.uark.edu/anscnews/6>

This Periodical is brought to you for free and open access by the Animal Science at ScholarWorks@UARK. It has been accepted for inclusion in Animal Science Newsletter by an authorized administrator of ScholarWorks@UARK. For more information, please contact [scholar@uark.edu](mailto:scholar@uark.edu).

# ANSC

{animal science}

fall 2014



## Animal Science Faculty

Name/Specialty	Phone/Email
Looper, Michael L. Department Head	479-575-3745 looper@uark.edu
Apple, Jason Meat Science	479-575-4840 japple@uark.edu
Beck, Paul Ruminant Nutrition	870-777-9702 pbeck@uaex.edu
Cater, Jason Veterinarian	501-671-2162 jcater@uaex.edu
Coffey, Ken Ruminant Nutrition	479-575-2112 kcoffey@uark.edu
Fidler, Andrew Veterinarian	479-575-5917 fidler@uark.edu
Ford, Vic SWREC - Director	870-777-9702 vford@uaex.edu
Gadberry, Shane Beef Nutrition	501-671-2169 sgadberry@uaex.edu
Jack, Nancy Equine Program	479-575-4380 njack@uark.edu
Jennings, John Forage Systems	501-671-2350 jjennings@uaex.edu
Kegley, Beth Ruminant Nutrition	479-575-3050 ekegley@uark.edu
Kutz, Bryan Livestock Judging	479-575-4337 bkutz@uark.edu
Maxwell, Charles Swine Nutrition	479-575-2111 cmaxwell@uark.edu
Philipp, Dirk Forage Nutrition	479-575-7914 dphilipp@uark.edu
Pohlman, Fred Meat Science	479-575-5634 fpohlma@uark.edu
Powell, Jeremy Veterinarian	479-575-5136 jerpow@uark.edu
Rorie, Rick Repro Physiology	479-575-6398 rorie@uark.edu
Rosenkrans, Charles Repro Physiology	479-575-4376 crosenkr@uark.edu
Russell, Mark Equine	501-671-2190 mrussell@uaex.edu
Troxel, Tom Assoc. Dept. Head	510-671-2188 ttroxel@uaex.edu
Yazwinski, Tom Parasitology	479-575-4398 yazwinsk@uark.edu

## In the Loop



Michael Looper  
Department  
Head

Greetings from the Department of Animal Science! Time seems to move so quickly these days. The Department has been quite busy since our spring Animal Science Newsletter. Currently, we are in the process of interviewing candidates for three faculty positions here in Fayetteville. As always, the Department strives to develop career-ready students and answer researchable questions pertinent to Arkansas stakeholders. These positions will augment our research and teaching efforts in the areas of immunology, genetics, and growth.

In September, the Animal Science Advisory Committee provided faculty with several challenging objectives that will enhance the relevance of our programs. Their feedback will be invaluable as the Department moves forward, and as we undergo our ten year external review in March 2015. I want to personally thank this group for their support and time dedicated to the Department. This is a great group, and I look forward to future interactions.

The Department recently established the Dr. Paul R. Noland Graduate Student Award to commemorate his 90th birthday and recognize his 43 years of extraordinary service to the Department, College and University. This award will be presented to M.S. and Ph.D. student winners of a research presentation competition.

I congratulate the horse judging team on their successful run at the All-American Quarter Horse Congress Collegiate Judging Contest in Columbus, Ohio. This is the

first time for the horse team to compete at this level. I also wanted to make you aware of the Razorback Stallion Service Auction. This is a fund raising effort to assist the Arkansas 4-H Horse Program as well as the Horse Judging Team. You can read more about these activities in the following pages.

I want to thank Dr. David Kreider and Steve Jones for their many years with the Department. We wish them the very best in their future endeavors. On a sad note, I join the faculty and staff of the Department in expressing our sadness and condolences to the wife and family of Dr. Hayden Brown, Jr., who passed on May 26th, 2014. Hayden joined the Department in 1977 and actively served in teaching, research, and service in the area of genetic improvement of economically important traits in livestock. We will miss him as a dedicated professional as well as a special friend and colleague.

Our faculty, staff, and students continue to make significant contributions in lives of Arkansans and beyond. This is a great Department – we continue to be excited about our future! We are pleased to introduce the Animal Science Alumni Society. This is a great (and free) way to stay ‘in the know’ with former classmates. Read more about this new endeavor on page 10. Please let us know if we can help you. As always, feel free to contact me [looper@uark.edu; (479) 575-3745] or stop by and visit when you are in Fayetteville. }

Michael Looper  
Department Head

# ANSC

(animal science)

Fall 2014

Published by the University of Arkansas  
Department of Animal Science

Editor: Jamie Starks Newberry  
jstarks@uark.edu  
<http://animalscience.uark.edu>



## Student Achievements

- ▶ Two Animal Science undergraduates, **Omega Sanders** and **Will Pohlman**, are working on undergraduate research projects using grants they won from the Dale Bumpers College of Agricultural Food and Life Sciences dean's office.
- ▶ In August, Animal Science student **Sunday Plumb** was named Miss Cherokee. As the new Miss Cherokee, Plumb will represent the Cherokee Nation as a Goodwill Ambassador.

## 5 Stallion Auction

*The University of Arkansas Division of Agriculture is holding a stallion service auction to benefit 4-H horse programs and the UA Horse Judging team.*

## 4 Academic Quadrathlon

*Two teams compete for the chance to represent the University of Arkansas at the regional competition.*

## 10 Equine Judging Team

*Equine Judging team proves they have talent during their first competition season.*

## 6 Runoff Research

*Dr. Philipp is studying the affects of an animals diet on agricultural runoff.*

## 10 ANSC Alumni Society

*The Department is working to establish an Animal Science Alumni society.*

## 7 Burger Safety

*Master's Student Jorge Marcos Iglesias' study on ground beef safety issues.*

### In Every Issue

Alumni News .....	10	Equine.....	5,9	Student Club Information.....	8
Alumni Information.....	10	Faculty Listing.....	2		
In the Loop.....	2	Faculty News.....	11	Cover Photo by: Mariah Farmer	



## Support Animal Science Department Scholarships

*By buying a chairback in the Pauline Whitaker Animal Science Center*

You can support scholarships for Department of Animal Science students and receive permanent recognition by purchasing a chairback in the Pauline Whitaker Animal Science Center. Purchases are tax deductible and can be made in the name of an individual, a business, or in honor or memory of a loved one or friend. If you are a former judging team member and would like to purchase a seat in honor of your judging team, contact Bryan

Kutz at 479-575-4337.

Chairbacks are available for a minimum donation of \$500, although many individuals have donated more.

If you would like to help with scholarships by purchasing a chairback, fill out the form to the right and mail it with a check made out to Agricultural Development Council, with a notation of Arena Chairback to the address on the form at the right.

### Chairback Order Form

Please use separate page if needed.

#### Donor Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Please list information desired on chairback:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Make checks payable to:  
Agricultural Development Council  
Please make a notation: Arena Chairback

Mail to: Connie Stewart  
University of Arkansas  
1120 W. Maple  
Dept. of Animal Science  
Fayetteville, AR 72701

# Heritage Students Learn what Animal Science is About

On November 5, the Department hosted the Heritage High School Academy of Science at the Pauline Whitaker Animal Science Center for a field day.

A group of about 20 students were welcomed by Dr. Michael Looper, Department head. Looper, then turned the group over to several faculty, and graduate students so that they could show the group various aspects of Animal Science.

Dr. Kathi Jogan spoke to the group about the equine aspect of Animal Science. Her presentation “Do Horses Throw-up?” walked the students through the digestive track of a horse and other various fun facts.

Dr. Andrew Fidler spoke with the group about “Where Milk Comes From” and the



A student from Rogers Heritage High School Science Academy takes advantage of the learning opportunity offered by Hilda the cannulated cow. Hilda offers a hands-on look at her digestive system.

pre-veterinarian side of the Department.

Dr. Janeal Yancey had the privilege of introducing the students to Hilda the cannu-

lated cow. Always a hit, the students had the opportunity to reach into Hilda’s cannula and feel what her digestive system was doing. (There were a lot of “Oh, what’s that smell?” and “That’s gross.” comments.) While the students were doing that, Yancey was explaining how the digestive system of cattle works.

Finally graduate students Elizabeth Backes, Eva Wray and Christine Weingartz taught the group about several different parasites and their effects on livestock.

The field day is an annual event between Heritage and the Department. }

# Tiebreaker Needed to Select 2015 UA Quadrathlon Team

Two teams of four students recently competed in the Animal Science Academic Quadrathlon.

The competition is made up of four events: a quiz bowl, a written exam, an oral presentation and a hands-on lab practicum. The quadrathlon, which was held at the Pauline Whitaker Animal Science Center, was spread across two days.

The quiz bowl consists of three rounds testing the competitors’ knowledge in a wide range of Animal Science subject matter. The quiz bowl included questions like: “What is considered the first limiting amino acid in swine?” and “The name of Gelbvieh cattle breed originated from the German words for \_\_\_\_\_?” (The answers are: Lysine and Yellow Breed.)

Next, the teams tackled the written exam. The written exam was 24-pages long, and meant to test the participants’ in-depth knowledge of Animal Science. Questions on the exam required the participants to formulate feed rations and label the anatomy of reproductive tracts and bones.

Finally, on the second day, the teams participated in a hands-on lab practicum and

oral presentation competition. The practicum was host by Animal Science graduate students, and required the teams to: properly restrain dogs and sheep, identify feedstuffs and parasites, and label equipment used on the university



Above: Quadrathlon contestants work together to identify equipment used on the university farm and abattoir. Left: Contestants demonstrate the proper way to restrain a dog.



When all was said and done, each of the teams won two of the four events resulting in a tie.

Therefore, the Department will be hosting a second quiz bowl in December to determine which of two teams will represent the University of Arkansas at the regional competition in Georgia next semester. }

farms and abattoir. Each team was then required to give a ten-minute oral presentation on current issues in the livestock and equine industries.

# Razorback Stallion Service Auction to be Held

Coming this winter, the Razorback Stallion Service Auction will take place online and will assist the Arkansas 4-H Horse Program as well as the University of Arkansas Horse Judging Team. We have a variety of cutter, working cow, halter, and pleasure stallions. These breedings will be available for 2015.

For the 4-H Horse Program, proceeds go primarily to fund: scholarships; internships; learning opportunities such as camps, workshops; national travel to various competitions; equipment for activities; and books and other learning tools for 4-H Horse Clubs in Arkansas.

For the UofA Horse Judging Team, proceeds go primarily to fund: travel costs associated with Judging Competition, registration fees and scholarships.

4-H Horse Program activities are designed to teach youth leadership, responsibility, pride, respect, initiative, and self-reliance. The 4-H Horse Program provides dedicated, hard-working youth with an opportunity to learn the tools to enhance horse ownership. Participants in youth programs develop skills in communication, decision-making, problem solving, self-discipline, self-motivation, teamwork and organization. All of these have

proven to be important factors to the participants in career preparation.

The University Judging Team offers students a rare opportunity to receive a head start into the horse industry be-



The images shown are or two Stallions on the roster. Above: A Dream Remembered and left: Spots Hot.

fore leaving college. Students gain knowledge in areas such as evaluating, decision making, communicating, and teamwork among other

benefits. These students receive a “leg up” on the competition when seeking employment in the equine industry. Team members also develop contacts while on judging trips to the AQHA World Show, AQHA Congress, NCHA Triple Crown Events, and the NRHA Futurity, along with other regional judging contests. These contacts will be a valuable resource as they continue their endeavors after college.

We hope that this auction will continue for many years and become a tradition in Arkansas. A big thanks needs to go to Lewis Wray and Chad Vanlandingham for their help in getting quality stallions for the auction.

To keep up with the latest information, go like our Facebook page: “Razorback Stallion Service Auction.” We will also have a webpage where you can learn more about each stallion coming very soon that you will find here: <http://www.uaex.edu/farm-ranch/animals-forages/horses/>

For specific questions, contact Mark Russell 501-590-5748 or [mrrussell@uaex.edu](mailto:mrrussell@uaex.edu) }

## Auction Roster (as of Sept. 10, 2014)

High Brow CD	Laker Doc	Dual R Smokin
Spots Hot	Lottashineynewcash	Travelin Jones
Fantastic Cat	Neat Little Cat	Mandalay Rey
Double Up Investment	Stylish Rey Gay	Mississippi Cat
SL Alliance	Hydrive Cat	Lena Peptolena
Monarcat	TR Dual Rey	Bama Cat
Enquest	Hold That Cow	A Dream Remembered

## Two Graduate Students Chosen as Presenters at Annual Meeting

Two University of Arkansas System Division of Agriculture Department of Animal Science student research posters were recently honored as “presidential picks” during the annual American Society of Animal Science’s Joint Annual Meeting in Kansas City, MO.

Master’s candidate Ashley Young and doctoral candidate Jamie Hawley were invited to present their posters.

Young’s presentation was titled “Effects of Amino Acid Supplementation of Reduced Crude Protein (RCP) Diets on Fatty Acid Compositions of Subcutaneous Fat and Muscle.” Young’s work seeks to test the effects of a reduced crude protein with supplementation of amino acids on fatty acid compositions of subcutaneous fat and muscle.

Hawley’s presentation, “ Effects of Ex-

cess Dietary Sulfur on Beef Carcass Characteristics and Quality After Aging,” found that supplementing beef cattle diets with 0.40 percent sulfur had no appreciable effects on steer performance or beef carcass characteristics.

Young’s and Hawley’s posters were two of the 36 chosen by the ASAS president, president-elect and past president from more than 1,200 entered. }

### Runoff Study Investigates Nutrient Differences

Dr. Dirk Philipp recently completed a runoff study looking at the differences in nutrient concentrations in the runoff from manure, from cow's fed different diets. The study was conducted at the Watershed Research and Education Center in Fayetteville, and utilized a 2.5 half acre existing field of Greenfield bermudagrass.

Runoff plots were created in an ungrazed area. The plots were roughly 39 in. wide by 79 in. long. Metal borders were then placed into the soil to isolate the individual plots, and a gutter was buried at the end of the plot to collect the runoff. The plots were setup one month prior to the start of the project.

The study used manure samples from a previous digestion experiment. There were four different diets represented in the samples: bermudagrass hay; soybean hulls (SH); dried distiller's grain with solubles (DG); and an iso-energetic mixture of SH and DG. Once the samples were collected during the original experiment, they were frozen and stored. The samples were thawed at room temperature prior to application in the plots.



Once the plots were ready, rainfall simulations began. The first two simulations took place before the manure was placed on the plots to get baseline data. Soil samples were also taken before the first rainfall applications. All simulations were monitored by Philipp and Tarra Simmons, a Research Associate in the Department of Crop, Soil and Environmental Sciences.

After the manure was placed, three rainfall simulations were applied. Two-three day intervals were observed between rainfall events, and no manure was added or removed. The rainfall was applied until Simmons was able to collect runoff for 30 minutes.

Four weeks after the final rain simulation, grass samples were taken and evaluated to measure the uptake in nutrient concentrations in relation to the distance from the ma-

nure sample.

The purpose of the research was to investigate ways to manage nutrients in agricultural runoff. There were a total of 12 plots, and the treatments were replicated three times. Philipp is currently processing and analyzing the results from the experiment. }

### Animal Science Report Available on Website

The Department has recently released its 17th Research Series publication.

The Animal Science Report is an annual report of research-based information that helps in development of best management practices increasing whole farm/ranch efficiency.

Thank you to the many supporters of our teaching, research, and extension programs.

Whether providing grants for research and extension, funds for scholarships, supporting educational and extension programs, donating facilities or horses and livestock, these friends are essential to maintaining a quality Animal Science program.

The Report can be found at: <http://arkansasagnews.uark.edu/8253.htm>. }

### Animal Science Day November 21, 2014



# Ranchers Need to Watch for Acorn Poisoning

Autumn's generous acorn crop may be great for deer, but could be deadly for cattle, said Tom Troxel, associate head-Animal Science, for the University of Arkansas System Division of Agriculture.

"Arkansas, where cattle are frequently grazed on pastures that may contain oak timber, the possibility exists for cattle to consume acorns," he said. "An occasional acorn isn't a threat, but too many open the door to acorn poisoning."

Troxel said cattle eat acorns for a variety of reasons.

"Rainfall has been below average in August, September and October, leaving fall pastures' forage short, stemmy, fibrous and not very nutritious," he said. "And with this recent cold snap, cattle need more calories to stay warm, so they're eating whatever they can find and that often includes acorns."

Tannins are the toxic agents found in acorns, Troxel said.

"Consumption of tannins can lead to gastrointestinal problems, severe kidney damage and death," he said. "Some cattle may consume acorns and experience no ill effects, while others suffer severe disease."

Many species of oaks are considered toxic to animals. They typically affect cattle and sheep, and they also can occasionally

cause toxicity in horses.

Acorns aren't the only danger. Poisoning can also arise when cattle consume buds and small leaves from standing or cut trees in the spring, he said.

Early signs associated with acorn poisoning are abdominal pain, poor appetite, diarrhea that's often black or bloody in color, and occasional constipation. As the disease progresses there may be signs of kidney failure. Cattle will show symptoms of dehydration, increased thirst, general weakness, weight loss, frequent urination and a rapid, weak pulse. Edema, or fluid-swollen tissue, may be seen in the chest, legs and abdomen.

"Since there is no specific antidote for acorn poisoning, treatment is limited," Troxel said. "A veterinarian should be contacted immediately."

Prevention is the best medicine for acorn poisoning. Keep cattle away by fencing off an area where oaks are prevalent. If that's not possible, giving the cattle a supplement that contains 10 percent hydrated lime - calcium hydroxide - will lessen the hazard of acorn poisoning.

Because cattle find hydrated lime unpalatable by itself, ranchers should combine it in

with a ration made up of:

- 44 percent cottonseed or soybean meal,
- 40 percent dehydrated alfalfa meal, corn or cotton seed hulls,
- 6 percent vegetable oil or molasses and
- 10 percent hydrated lime.

That ration can be fed at a rate of 3-4 pounds per head per day for adult cattle and 1-2 pounds per head per day for calves.

Hydrated lime can also be placed into a pelleted ration to get the desired consumption rate.

"The goal is to get cows to consume around 0.4 pound of hydrated lime per day," Troxel said. "The molasses or vegetable oil is important to keep the hydrated lime from settling out of the ration and to increase palatability."

"Cattle that are not commonly fed grain should be slowly acclimated to consuming the full ration," he said. "

Another strategy is to provide cattle with additional food sources so they'll be less likely to search for acorns when grazing short pastures.

For more information about this disease and other diseases affecting cattle, contact your local county Extension office, or online, visit [www.uaex.edu](http://www.uaex.edu) or <http://Arkansaslivestockdotcom.wordpress.com>. }



## Grad Student Studying Antimicrobials to Reduce Risk of Foodborne Illnesses

Ground beef is one of the top selling food products in the United States. On average, 80% of consumers cook ground beef at home about every two weeks. There have always been myths and stories about eating beef, and the big question is: why is ground beef safety so important? What many people don't know is, of the foodborne illnesses related to ground beef most are due to uncooked beef patties; and most consumers ignore the recommendation to cook their patties up to 160° F.

Animal Science M.S. student, Jorge Marcos Iglesias, from Monterrey, Mexico, believes it is the duty of meat scientists to enhance meat safety. Color is the most important attribute when it comes to meat; customers buy with their eyes, and a fresh cherry red color in meat is always preferred over a grayish or brown color. "I was introduced to the world of beef safety by the hand of my advisor, Dr. Fred

Pohlman, and Dr. Palika Dias Morse," Iglesias said. "My research project has been primarily focused on the use of organic acids and oth-



Jorge Marcos Iglesias presents samples from his ground beef study.

er antimicrobials (approved by the Food and Drug Administration) on ground beef patties and their impact on beef sensory properties."

As part of the research antimicrobial solutions were electrostatically sprayed on beef

trimmings prior to grinding. The ground beef was then formed into burger patties, and displayed in a retail case simulating those used in a supermarket. Untreated control patties were also displayed. Panelists evaluated beef color, odor, and discoloration among other attributes on days 0, 1, 2, 3 and 7 of display. Instrumental color is measured on the same days of display using a colorimeter. A tasting panel was also conducted and patties were evaluated for juiciness, tenderness, flavor and off-flavor attributes.

"The main objective of my project is to find antimicrobials that will reduce the risk of foodborne illnesses and won't affect the sensory characteristics of ground beef patties," Iglesias explained. "With the use of this technology, the industry can provide safer products with the same taste, and people that enjoy eating undercooked or pink patties won't be visiting the hospital that often, he said." }



## Department Hosts Annual Camp Teaches the Art of Animal Judging

The Department of Animal Science recently hosted its annual summer judging camp. Bringing together kids ranging in age from 9-18, from all across the state; the camp offers participants a chance to learn and prepare for the upcoming 4H and FFA state competitions.

Lasting three days, the camp teaches attendees to evaluate sheep, hogs and cattle; and how to formulate a set of reasons for ranking the animals in the order they chose. The camp also helps teach and improve public speaking and decision-making skills.

Every year the camp ends with the campers participating in a judging competition. They evaluate several categories of animals they have learned about during the previous days; rank the animals then present their reasons for their choices. During the competition the campers are broken out into

three groups: beginner, intermediate and advanced.

Awards are presented in each group for highest points overall, reasons and in each individual category.

This year during the awards presentation, Bryan Kutz presented recognition awards to Joe Don Greenwood and Steve Jones. Both have been involved in the judging camp for many years and both are retiring this year.

Several students and faculty assisted with the camp and it was an excellent opportunity to show the older campers what the Department and the University of Arkansas has to offer.

This was the 14th time the Department has hosted the camp and the proceeds benefit the Department's Judging team's traveling expenses. }

## REPS

The Department of Animal Science REPS spent the semester taking their job of promoting Animal Science seriously.

The REPS helped host the "Meat & Greet;" promoted Animal Science at Razorbash; gave several prospective student tours; and participated in Animal Science Day.

This semester the REPS also opted to participate in the College Aggies online competition. Some of the challenges the REPS chose to participate in include: hosting a movie night with a question and answer session; handing out scary meat myths on Halloween; and they are preparing a Chocolate Milk event for the Spring.

The College Aggies competition is open to all agriculture colleges across the country and is used as a tool to promote Animal Agriculture.

This years REPS members are: Lensey Watson, Caleb Shepherd, Will Pohlman, Hanna Cline, Sara Guillen and Sarah Mason. }

## Pre-Vet

The Pre-Vet club has had a very busy semester. They have had two speakers from two different vet schools, including: Mississippi State and the University of Missouri to speak about application and admission processes.

Many of the clubs members volunteered at the Washington County Pet Expo. The event, which was held in early November, allows pet-owners to microchip and vaccinate their animals for a low cost. The club assisted with administering vaccinations, and placing microchips.

Dr. Jeremy Powell, Pre-Vet club advisor spoke with the group about their study abroad options. The group also participated in the Animal Science Day activities, by hosting a photo booth for both people and pets.

On December 6, the club worked with the Animal League of Washington County at an adoption event at Adventure Subaru. Cameras from the Animal Planet Network were on hand to film the event and the spot will air during the network's Puppy Bowl broadcast on Super Bowl Sunday. }

## Department Hosts Annual Meat & Greet

The Animal Science REPS, Block & Bridle and the Pre-Vet club worked together to host the Department's annual "Meat & Greet."

The event, which was created to give new Animal Science students a chance to meet faculty, staff and their fellow students. Hoping to make the new environment easier for freshmen students.

Held at the Pauline Whitaker Animal Science Center during the second week of classes, attendees enjoyed: hamburgers, hot dogs, nachos and several side dish options.

Following the meal, everyone moved to the Arena floor for a few games of Kickball. The Block and Bridle club held their first meeting after the kickball games. }

## Clubs Promote Animal Science Department

Some of the Department's students took time out of their crazy first week of school schedules to help promote the Department at Razorbash.

Members of the Animal Science REPS, Pre-Vet club and Block and Bridle club staffed a table on the Union Lawn, handing out



Omega Sanders and Kris Bottoms stop by Razorbash to support the Department.

Animal Science information and taking "Animal Science Loves the Hogs" pictures.

Razorbash is a University wide event, which allows freshmen the chance to learn about different departments and clubs, as well as the numerous local business that attend. }

# Equine Judging Team Proves Talent in Program's First Year

The Department of Animal Science's horse judging team proved their talent at a national competition on Oct. 15 in Columbus, Ohio.

"The All-American Quarter Horse Congress Collegiate Judging Contest was a big and important test for us," Coach Casey Orr said, and his team rose to the occasion.

The competition included halter, performance and reasons divisions. The team placed third overall, finishing only one point behind the first and second place teams, who were tied in points.

In a field of 14 teams, the team was first high team in performance, second high team in reasons and third high team in halter. "All of these team wins are propelled by the incredible individual performances the team had," Orr said.

In each division, the team had no less than two members finish in the top 10, and claimed the individual overall winner. The individual team accomplishments include:

- Becca Schlote (Flippin, Ark.) was the high individual overall ; finishing seventh in halter; second in performance; and sixth in reasons;
- Mike Schultz (Stillwater, Okla.) first in rea-

sons , third in halter, 12th in performance and placed seventh high overall individual;

- Rylie Bevill (Calico Rock, Ark.) finished 18th in halter, fourth in performance, 12th in

reasons and ranked 32nd overall; and

- Travis Hefley (Fayetteville, Ark.) was 29th in halter, 55th in performance, 22nd in reasons and ranked 40th overall.



Horse Judging Team Members proudly display their ribbons following the 2014 All-American Quarter Horse Congress Collegiate Judging Contest. Members include: Casey Orr, coach; Rylie Bevill; Mike Schultz; Becca Schlote; Travis Hefley; and Lauren Cheevers.

reasons and ranked fourth high overall out of 74 students;

- Lauren Cheevers (Fayetteville, Ark.) placed 47th in halter, 32nd in performance, 26th in

The team also participated in the inaugural Tulsa State Fair Intercollegiate Horse Judging contest, this season.

Held in September, the UA team competed against 12 teams in the senior division, and won fifth place overall.

They also placed in several categories including: seventh in halter, fifth in performance and fourth in reasons.

A couple of team members placed individually as well. Bevill placed eighth in reasons, and Cheever placed tenth in performance.

This is the first complete judging season for the team, and it was competing at a national level with some of the best teams in the country.

"I am proud of this team," Orr said. "They earned this major win and proved that the University of Arkansas judging team is a strong contender." }

# Graduate Students Bring Lots of Halloween Spirit to Department

The Animal Science Graduate Student Association hosted Halloween festivities this year. Faculty, staff and students were invited to participate in a costume, scary food, door decorating and pumpkin carving/painting contests.

The ASGSA invited staff from the dean's office to be the judges, to keep things fair. Contest winners were:

- Costume: Hadley Twilley
- Food: Christine Weingartz
- Pumpkin: Christine Weingartz
- Door Decorations: Khalisa Kitz

After the judging was done everyone began eating the food entries and mingled around enjoying each others company. }



## Department Forming Animal Science Alumni Society

The Department, along with a few alumni, has been working hard to create the Animal Science Alumni Society.

The purpose of the Animal Science Alumni Society is to connect students, alumni, faculty and friends of the Department.

One of the future goals of the Animal Science Alumni Society will be to create a scholarship. They will also eventually coordinate the alumni event that



# ARKANSAS ALUMNI

follows the Scholarship Banquet every year.

Animal Science Newsletters for more information on the society. If you have any ideas for the committee or would like to be notified when you can begin joining the Animal Science Alumni Society please send your contact information to [ansc@uark.edu](mailto:ansc@uark.edu).

If you would be interested in joining the alumni society formation committee, please contact Jamie Newberry at [jstarks@uark.edu](mailto:jstarks@uark.edu) or 479.575.3195. }

Please be watching your email and the An-

ry at [jstarks@uark.edu](mailto:jstarks@uark.edu) or 479.575.3195. }



### How to Join:

You automatically become a member of the DBCAFLS Alumni Society when you become an active member of the Arkansas Alumni Association. Join online at <http://www.arkansasalumni.org/> or call (479) 575-2801 to become a member today.

**In small and big ways, your gifts change lives. Increasing private gift support is critical to moving the University of Arkansas and the state of Arkansas forward. If you would like to join other alumni and friends to support the Department of Animal Science at the University of Arkansas, contact, Trina Holman, Development Office, Bumpers College, E-108 AFLS, University of Arkansas, Fayetteville, AR 72701, (4790 575-2179, or email: [tfolman@uark.edu](mailto:tfolman@uark.edu)**

## Tell us about yourself!

*Submit online under the Alumni tab at [AnimalScience.uark.edu](http://AnimalScience.uark.edu)!*

We would like to hear how and what you're doing. Please use this form to provide information about yourself that you would like to see in the Alumni news section of a future Animal Science Newsletter.

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

U of A Degree: B.S.  Year \_\_\_\_\_  
M.S.  Year \_\_\_\_\_  
Ph.D.  Year \_\_\_\_\_

Email: \_\_\_\_\_  
Phone: \_\_\_\_\_

Mail to:  
Newsletter Editor  
Department of Animal Science  
University of Arkansas  
AFLS B-114  
Fayetteville, Arkansas 72701 or Fax to: 479-575-7294

Would you like to receive our E-Newsletter?      Yes      No

News: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## In Remembrance of Dr. A. Hayden Brown, Jr.

The University of Arkansas Division of Agriculture Department of Animal Science said goodbye to Dr. A. Hayden Brown Jr., 67, of Fayetteville. He passed on May 26, 2014 following a short illness.

Born Oct. 13, 1946 in Cookeville, Tenn., to Mrs. Imogene (Jean) Flatt Brown of Cookeville and the late Avert Hayden Brown, Sr. He grew up on a farm run by his Ma and Pa Flatt (Carlie B. and Vella Rogers Flatt). He graduated from Cookeville High School in 1964 and from Tennessee Tech University in 1968 with a bachelor's degree in animal science and began working for the Cooperative Extension Service, University of Tennessee, as an assistant extension agent in Jamestown, Tenn., from 1968-74. He earned M.S. (1974) and Ph.D. (1976) degrees in animal breeding and genetics from the University of Tennessee, Knoxville. He and his wife, Helen, married on Sept. 9, 1977, and moved to Fayetteville. He began working at the University of Arkansas in 1977, serving as an assistant, associate, and full professor in the Department of Animal Science.

Memorials may be sent to the Scholarship Fund, Department of Animal Science, University of Arkansas, 1120 W. Maple St., AFLS B114, Fayetteville, AR 72701. }

Memorials may be sent to the Scholarship Fund, Department of Animal Science, University of Arkansas, 1120 W. Maple St., AFLS B114, Fayetteville, AR 72701. }



Dr. A. Hayden Brown, Jr.

## Faculty Profile

Hi, I'm Nancy Jack, Director of the U A horse program. My DNA is pure Texan but I have grown to love Arkansas and its people. I got my Bachelor's degree in Animal Science from Tarleton State University in Stephenville, TX. I also had a life changing experience in 1988 when I met cutting horse trainer, J. D. Slatten. He introduced me to the non-aggressive training techniques we now call "natural horsemanship". J. D. had learned from the icon, Ray Hunt, and I still use and teach those methods that have become so popular. I continued my education at New Mexico State where I earned both my Masters and Ph.D. while having the time of my life.

My husband, Danny Belcher, is also an Animal Scientist. He and I enjoy vegetable and flower gardens and living in the country. We tend to collect rescued animals. Ac-

tually, they tend to collect us. Danny and I both love the theater and musicals, (usually the old ones) Oklahoma being a favorite. I



Dr. Nancy Jack

read a lot; mostly detective fiction. My favorite authors are Rex Stout and Robert Parker. I own every book they ever wrote and have read them more than twice; well, more than three or four times each. If I had to pick a favorite movie, it would have to be Philadelphia Story.

You know, the one with Cary Grant, Katharine Hepburn, and Jimmy Stewart? My personal mission in life is to work hard to bring out the best in myself and others. My philosophy in life I adopted from the Dalai Lama. "Be kind whenever possible. It is always possible." }

## Staff Profile

Meet Jamie Newberry. Jamie writes the Department's newsletters and press releases; helps with recruiting; plans events; and helps the REPS group among other things. Originally from Texarkana (the Arkansas side, not Texas,) she has a B.A. in Journalism from the University of Arkansas, and has been with the Department for a little over a year now.

When she is not at work; Jamie can usually be found at the lake, watching Bones or hidden away somewhere, with a new book to read. She is a college football fanatic, especially when it comes to the Razorbacks and

SEC football; and loves to travel. She is currently counting down the days until she gets to go back to Hawaii and Disney World, and visit Rome for the first time.



Jamie Newberry

Jamie spends most of the year looking forward to two things: football season and Christmas; both of which she spends with her family, friends and her most favorite person on Earth, her husband Josh.

If you have any Alumni updates or news to share, you can contact Jamie at: [jstarks@uark.edu](mailto:jstarks@uark.edu) or 479.575.3195. }

## Departments of Animal Science and Ag Ed Call the Hogs at Tailgate



Alumni, faculty and staff enjoyed socializing at the Animal Science co-hosted tailgate before the Nicholls State game.

The Departments of Animal Science and Agricultural Education, Communications and Technology hosted the Hawkins Family Terrace's inaugural tailgate party on September 5.

In spite of the chilly and rainy day, alumni, faculty, staff and graduate students came out to support the Department and the Hogs. The party started several hours prior to the Nicholls State game, and guests

were able to watch other games on the huge flatscreen.

Guests mingled while enjoying a delicious fajita bar set up by Jose's catering.

Many people even chose to remain on the terrace to watch the game instead of sitting in the rain at the stadium.

Dean Michael E. Vayda and Associate Dean Lona Roertson were also in attendance; as were both department heads. }

**ANSC**  
{animal science}

Newsletter Editor  
Department of Animal Science  
University of Arkansas  
AFLS B-114  
Fayetteville, Arkansas 72701

NON-PROFIT ORGANIZATION  
U.S. POSTAGE  
PAID  
PERMIT NO. 278  
FAYETTEVILLE, ARKANSAS

Address Service Requested

**UofA**  
DIVISION OF AGRICULTURE  
RESEARCH & EXTENSION  
*University of Arkansas System*



UNIVERSITY OF  
**ARKANSAS**  
DALE BUMPERS COLLEGE  
OF AGRICULTURAL, FOOD  
& LIFE SCIENCES