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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](#).

Equine Course Teaches Practical Knowledge

The Bumpers College department of animal science equine program is already preparing horses for the next Horse Auction. Multiple horses have been donated and students enrolled in the special topics course, Management, Sales Prep and Photography of Horses, are learning various skills associated with proper horse care and practical farm maintenance.



To read more of this article [click here](#).

Clubs

REPS - A Word From the President

This summer has been an exciting time for the REPS. I, along with other group members Claire Crews and Daniel McFarland, had the privilege of welcoming each incoming freshman to the Department of Animal Science. Dr. Andrew Fidler and I met with freshmen and their families during each orientation session. I provided a student perspective for the new students by discussing...

To read more of this article on the Animal Science Tumblr blog, [click here](#).

Graduate Student Highlight



Animal Science Graduate Student Elected Society's National Graduate Director

Brandon Smith, an animal science graduate student in the Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas, was recently elected national graduate director of the American Society of Animal Science.

His appointment marks the first time in the organization's history the position has been held by students from the same University for two terms in a row. Angie Mays was the previous National Graduate Director and was the first student from the U of A to be elected for the position. Now, she has high hopes for Smith and is excited that the position will remain with a fellow U of A student. They have also both been from the animal science department and have represented the industry, as well as the department, on a national scale.



To read more of this article [click here](#).

Faculty & Staff Updates

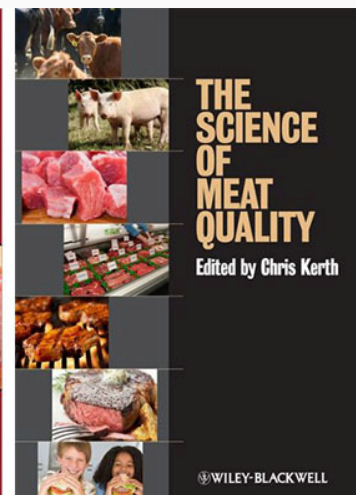
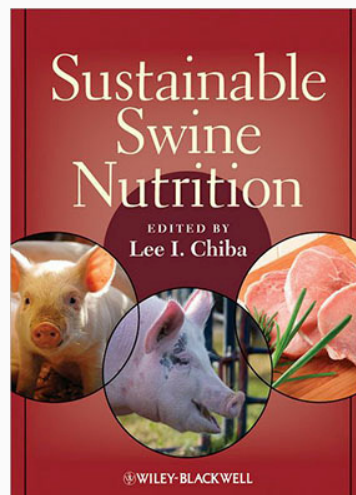
Professor Helps Upward Bound Program

Animal science professor, Dr. Ken Coffey, assisted the Upward Bound program this summer by leading a workshop to promote knowledge and understanding of the process and scientific purpose of our cannulated cow, Hilda.

To read more of this article [click here](#).

Announcement - Dr. Jason Apple and Janeal Yancey Published

Congratulations to Dr. Jason Apple and Janeal Yancey, who recently published chapters in meat science textbooks about swine nutrition and meat quality. Dr. Apple contributed the chapter Swine Nutrition and Pork Quality in "Sustainable Swine Nutrition", edited by Lee I. Chiba. Both Dr. Apple and Yancey contributed to the chapter Water-Holding Capacity of Meat in "The Science of Meat Quality", edited by Chris R. Kerth. The entire department is proud that our professors are contributing to knowledge within the industry and the U of A.



Extension Excellence Awards

A group of faculty and staff in the University of Arkansas System Division of Agriculture and Bumpers College recently received Extension Excellence Awards for their contributions to the University and to the agriculture industry.

To read more of this article [click here](#).

Volunteer of the Month

Katie Clayton

Katie Clayton is a senior majoring in Animal Science at the University of Arkansas. She was nominated for Volunteer of the Month because of her excellent work as a student and as an active community volunteer.

Clayton has volunteered as an Equine Program Volunteer (EPV), to help feed, move, and manage the general care of the horses that are donated to the University of Arkansas animal science department each year. Kathi Jogan, Department of Animal Science staff and barn manager, says, "Katie's wonderful work ethic and pleasant personality would be an asset to any program. I am so grateful that she has joined us!" Her commitment to volunteering soon got her promoted to a barn staff position. This position includes assisting during freshmen equine courses along with her horse care responsibilities. "I like to always be busy," Clayton says.



To read more of this article [click here](#).

Equine Course Teaches Practical Knowledge

Monday, July 15, 2013 at 02:43PM

Equine Program Staff



Chandler Fleeman, Claire Crews, Taylor

Drane and the equine program mascot, Licious, during the summer section of Management, Sales Prep and Photography of Horses. The Bumpers College department of animal science equine program is already preparing horses for the next Horse Auction. Multiple horses have been donated and students enrolled in the special topics course, Management, Sales Prep and Photography of Horses, are learning various skills associated with proper horse care and practical farm maintenance.

Michelle Pribbernow, Coordinator of Undergraduate Student Recruitment for Bumpers College said, "This course is just one of many excellent offerings available in the Bumpers College where students have a chance to experience what it is like to work in their chosen field. Learning by doing is incredibly valuable and our top-notch faculty makes sure students receive training in current techniques."

Over the course of the summer students will learn nutritional care by learning how to effectively feed a horse to 'peak' in November based on body condition scoring. They will also learn how to safely groom and handle horses, properly hold a horse for the farrier and vet, as well as practice proven ground handling techniques.

Students not only learn about nutrition and handling techniques but also the marketing strategies used in all horse auctions. They will learn how to photograph a horse and analyze the photos, be able to determine what tack to use to enhance a horse's image, as well as learn 'tricks of the trade' in sales prep and photography.

Kathi Jogan, staff and barn manager said, "We welcome students with various levels of horse experience into all of our hands-on classes. By semester's end, if students have had no experience prior to the class, they will learn how to safely handle horses. If students start the hands-on classes with previous horse experience, we will teach them new skills. The animal science and equine classes are hands-on and tailored to meet individual student needs."

By the end of the course, student will know how to prep horses for photos, safely handle horses and take care of horses. Everything from treating minor abrasions, holding the farrier, maintaining fences,

picking up hay and straw in the fields and much more is all done by students. This is just one way the University of Arkansas, Bumpers College and the animal science department tries to provide hands-on experience and practical knowledge to students.

Article originally appeared on Equine Newsline Blog (<http://bareback.squarespace.com/>).

See website for complete article licensing information.

REPS - A Word From the President



Welcome New Students!

We are excited to welcome you to new student orientation at the University of Arkansas!

This summer has been an exciting time for the REPS. I, along with other group members Claire Crews and Daniel McFarland, had the privilege of welcoming each incoming freshman to the Department of Animal Science. Dr. Andrew Fidler and I met with freshmen and their families during each orientation session. I provided a student perspective for the new students by discussing clubs and activities such as the livestock judging team and horse judging team. Dr. Fidler advised each student, and then I and other REPS helped each student enroll in classes. The freshmen class seems very excited about attending the University of Arkansas in the fall and getting involved on campus. I hope that they will feel comfortable talking to me or any REPS member when they see us on campus. The REPS are already planning an event for the freshmen shortly after classes start. We hope that this will encourage them to get to know each other and to participate in the Pre-Vet club, Block and Bridle, and other activities within the department.

Lynley Farrar

REPS President

Representing, Educating and Promoting Scholars

Animal Science Graduate Student Elected Society's National Graduate Director

Tuesday, July 09, 2013



Brandon Smith

Brandon Smith, an animal science graduate student in the Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas, was recently elected national graduate director of the American Society of Animal Science.

His appointment marks the first time in the organization's history the position has been held by students from the same university for two terms in a row. Angie Mays was the previous national graduate director and was the first student from the U of A to be elected for the position. Now, she has high hopes for Smith and is excited that the position will remain with a fellow U of A student. They have also both been from the animal science department and have represented the industry, as well as the department, on a national scale. Madeline McCurry-Schmidt, scientific communications associate for ASAS, said, "This is the first time the position has been held by two students from the same school. Clearly the University of Arkansas is off to a good start!"

"When I first heard the results of the election, I was both shocked and honored," said Smith. "I cannot begin to thank these individuals and the membership of the society for putting their faith in me and allowing me to mold the direction of our organization in the coming years."

Smith grew up in Slocumb, Ala., where he was raised on his family's small beef cattle farm. Prior to his college career, he served as the Alabama FFA Association state secretary and was named the Alabama Future Farmer of the Year that same year.

Smith continued to be professionally involved in the animal science industry during his college career. In 2012, Smith received his certification as a Professional Animal Scientist from the American Registry of Professional Animal Scientists. He is also a member of the ASAS, American Society of Agronomy, Crop Science Society of America, Soil Science Society of America, and American Forage and Grassland Council. He also pursues research projects with U of A System Division of Agriculture faculty.

As the ASAS national graduate director, he will be responsible for planning, advertising and implementing ASAS graduate student activities at the annual national meeting, will serve as a voting member on the national ASAS Board of Directors, attend bi-annual board meetings, serve on various national committees, update the graduate student webpage, work with social media to promote the organization and update the monthly Taking Stock e-newsletter.

While maintaining these duties, Smith has his own goals. He plans to establish a greater intersociety collaboration between ASAS and other professional societies. He hopes this will help the organization prepare early-career professionals and students to be competitive in current and future job markets. He wants to ensure students remain the premier professionals that the world has come to expect from the animal science field.

Michael Looper, head of the animal science department, said, "The ASAS fosters the discovery, sharing and applications of scientific knowledge of animal production. Leadership roles in scientific societies such as ASAS are outstanding opportunities for our students. I commend Angie and Brandon for their professionalism in helping direct the future of ASAS and representing the U of A, Bumpers College, Division of Agriculture, and the department of animal science."

Following completion of his master's degree at the University of Arkansas, Smith plans to pursue a Doctor of Philosophy in agronomy, emphasizing forage crop physiology and production. Ultimately, he plans to attain a university professorship to continue his research interests in beef nutrition on a forage and pasture basis.

Keywords: [Agriculture Awards & Appointments Points of Pride](#)

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Professor Provides Workshop for Upward Bound Program



Dr. Coffey demonstrates the use of cannulated cows to students before asking for volunteers.

Bumpers College animal science professor, Dr. Ken Coffey, assisted the Upward Bound program this summer by leading a workshop to promote knowledge and understanding of the scientific purpose of our cannulated cow, Hilda. The study of cannulated cows is research supported by the University of Arkansas System Division of Agriculture.

Students learned that the surgical process is like any surgery and is virtually painless for the cow. They also learned that this can help researchers learn how cow's process feed in ways that would otherwise not be possible. The results learned from cannulated cow studies help farmers, producers, feed companies, and more to better understand the health benefits of certain animal feeds. The use of this technology has already helped advance the science of what is best to feed cows and on average, cannulated cows live up to 10 years longer than non-cannulated cows.

According to their website, Upward Bound and Upward Bound Math & Science are early intervention programs that help low-income and potential first-generation college students prepare for higher education. The Upward Bound programs bring high school students in grades 9-12 to the University of Arkansas campus on the weekends and during the summer to receive instruction in mathematics, laboratory sciences, composition, literature, and foreign languages. Dr. Coffey was more than happy to help the program and enjoyed working with the wonderful group of students who attended the workshop. For more information on the program, visit <http://ub.uark.edu/> or contact Keith Brink, director of Upward Bound Programs. SS



Extension Excellence Awards



A screen shot of the Vimeo account managed by Shane Gadberry for the University of Arkansas System Division of Agriculture and animal science.

Addressing Drought Issues

A group of faculty and staff in the University of Arkansas System Division of Agriculture and Bumpers College recently received the Extension Excellence Award for Issue Team: Drought Issues. They were also awarded \$5,000 in program enhancement funds. Team members consisted of Paul Beck, Shane Gadberry, Mary Hightower, John Jennings, Steve Jones, Kelly Loftin, Donna Rinke, Kenny Simon, Ples Spradley, and Tom Troxel. Each member specialized in separate issues related to drought and created a campaign to educate individuals affected in Arkansas.

As drought conditions became evident, Extension began offering drought conferences that addressed topics of pasture management, beef cattle nutrition and the nutrient composition of crop residues, fire ant issues with transported forages, and crop chemical label restrictions with the use of crop residues as feedstuffs. The team listed above began speaking at area conferences, posting news and blog articles, adding website updates, feedstuffs testing and posting video content. These efforts that contributed to their nomination, and winning, of the Extension Excellence Award.

Excellence Awards are presented to recognize accomplishment on all levels state, county, team and individual and honor teamwork, innovation and diversity. The award will be presented on Monday, December 9, 2013 at the State Faculty Conference.

Vimeo - Video Education

Shane Gadberry, of the same team mentioned above, was recently awarded the Extension Excellence Award for Innovation: UA Animal Science on Vimeo. The award will also be presented on Monday, December 9, 2013 at the State Faculty Conference.

The project was initiated by Dr. Brett Barham and Gadberry for sharing educational video media on the internet. Following Barham's death, Gadberry continued to develop content and post to the Vimeo account. He simplified the editing process and reduced the file size for easy download. The videos were primarily meant to extend conference recordings to producers and county agents that were unable to attend meetings. Gadberry stated, "To me, this award belonged to Brett Barham. It was his personal interest in videography and initiative to start recording conference presentations and he is credited with the launch of the Animal Science Vimeo site. For me, this award is a way to honor the memory of Brett and the forward thinking vision he brought to Animal Science. After his departure, I didn't want to see this program end. So, I picked up the camera, bought some screen casting and video editing software and continued building on his foundation."

Along with various topics provided on the account, this project has been very beneficial in providing drought-related education over the past two years. Content ranges from instructional videos to recorded county agent training presentations and more. Gadberry said, "My personal goals with the program were to reduce conference presentation file size and begin short, 'how-to' type videos to embed in blog posts. We have to recognize that the internet is a part of our lives. People use it for communicating, purchasing, and finding answers to questions. With sites like Youtube and Vimeo, we are finding out that we no longer have to read how to do something, there is now a video to demonstrate the steps involved whether changing the belt on a dryer or implanting beef calves. While livestock producers in rural areas still have restrictive internet access, if we as educators adopt the technology now, the information is there for our clientele when they need it, not after they ask for it."

When the statistics were last analyzed in March, there had been 5,747 video plays, 244 video downloads, and numerous testimonials of producers complementing the videos as a valuable resource of information. To see the vidoe's for yourself, visit <http://vimeo.com/arkansasanimalscience> for the UA System Division of Agriculture Vimeo account.

Volunteer of the Month - Katie Clayton



Katie Clayton walking a dog from a local shelter at the Farmer's Market in Fayetteville, Ark.

Katie Clayton is a senior majoring in Animal Science at the University of Arkansas. She was nominated for Volunteer of the Month because of her excellent work as a student and as an active community volunteer.

Clayton has volunteered as an Equine Program Volunteer (EPV), to help feed, move, and manage the general care of the horses that are donated to the University of Arkansas animal science department each year. Kathi Jogan, Department of Animal Science staff and barn manager, says, "Katie's wonderful work ethic and pleasant personality would be an asset to any program. I am so grateful that she has joined us!" Her commitment to volunteering soon got her promoted to a barn staff position. This position includes assisting during freshmen equine courses along with her horse care responsibilities. "I like to always be busy," Clayton says.

She also likes to volunteer at a local animal shelter. She prefers working with the cats but has to limit her assistance with them while volunteering. After taking home two cats from two different shelters, she has a soft spot but no more room. She still enjoys working with the dogs and performs general care and maintenance tasks. Clayton says, "I like the people and the success stories that you get from volunteering at the shelter. It's amazing to see how much we can help animals from the time they come in to when they're adopted."

During her last year at the U of A, Clayton plans to continue her job as a barn staff member with the Equine Program and her volunteer work at local animal shelters. "I want people to know there's always something you can do to brighten someone else's day," says Clayton. "Try something different, you never know where it'll take you."