

1-2013

## Animal Science E-Newsletter, January 2013

University of Arkansas, Fayetteville. Department of Animal Sciences

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# University of Arkansas

## Department of Animal Science

### E-Newsletter

#### D. E. King Equine Program

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

#### Dash4Cash and AnimalPalooza

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.

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

#### Volunteer of the Month - Mike Hooper

Michael Hooper is an invested Equine Program Volunteer who has supported the Department of Animal Science D. E. King Equine Program (DEKEP) for the past three years. Having been involved with horses on and off throughout his life he fell naturally into his current role of equine event co-coordinator.

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

#### Clubs

#### The Livestock Judging Team

The Department of Animal Science Livestock Judging Team was ranked as the Top Overall Team at the 2013 Arizona National Livestock Show on December 20, 2012.

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

#### REPS

The Department of Animal Science has a new student REPS group! The REPS, which stands for Representing, Educating and Promoting Scholars is made up of qualified students

#### 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 audience, and deliver exactly what you want to know right to your fingertips. Here you will find stories that will keep you current with various activities within the Department. We are tuned for announcements, event updates, 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 the full article.

We invite you to visit <http://bumperscollege.uark.edu/equine/index.html> to learn more about our organization 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 services and having your involvement with our organization. Sincerely,

Brittany A. Butler, Editor

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majoring in animal science.

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

## Graduate Student of The Month

### Tom Devine

Department of Animal Science graduate student, Tom Devine, is conducting research that may give future cattlemen a higher profit on their herd.

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

## The North Farm

### The Fences Are Built

Animal Science students and staff members Tom Devine, Kyle Baker, Jeff Jordan, Blake Hogan, Danny Belcher and Robert Rhein have been busy building fence and getting cattle working facilities ready to bring cattle back to the Arkansas Agricultural Research and Extension Center (AAREC) just north of the Fayetteville campus. The event has been several years in the making.

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



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## Bumper's College Department of Animal Science D. E. King Equine Program to Host annual Dash4Cash 5K, 1 Mile Dog Walk and AnimalPalooza at University of Arkansas

Tuesday, January 15, 2013 at 03:57PM

Equine Program Staff



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, 2013. Dog walk and running events will cost \$25 per person to participate. Participants will receive specially designed t-shirts and goodie bags. AnimalPalooza will cost \$5 for adults, \$3 for children 12 and under.

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. All proceeds will help fund the DEKEP and the Humane Society of the Ozarks. AnimalPalooza will take place from 1 p.m. to 6 p.m. with activities for people of all animal interests. Parents are invited to bring their children and pawed-friends for a fun and educational afternoon.

“We are eager to present the AnimalPalooza event,” says event coordinator, Kathi Jogan, “A variety of activities will be hosted simultaneously allowing patrons to tailor their experience: children’s activities, opportunities to interact with horse and dog clinicians, shopping opportunities, presentations by parasitologists, nutritionists and veterinarians, and even an opportunity to support the Dept. of Animal Science pre-vet students by getting your dog bathed! We’re very excited to offer this kind of event to the public and our students.”

For more information about the Dash 4 Cash 5K and 1-Mile Dog Walk visit <http://dash4cash.uark.edu/>, and to learn more about the Department of Animal Science AnimalPalooza, contact Kathi Jogan at [kjogan@uark.edu](mailto:kjogan@uark.edu) or call (479) 236-4768.

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

See website for complete article licensing information.

## [Volunteer Mike Hooper](#)

Posted on Tuesday, January 15, 2013 at 03:55PM by [Equine Program Staff](#) | [Post a Comment](#)



Michael Hooper is an invested Equine Program Volunteer who has supported the Department of Animal Science D. E. King Equine Program (DEKEP) for the past three years. Having been involved with horses on and off throughout his life he fell naturally into his current role of equine event co-coordinator.

Hooper heard about the Equine Program shortly after accepting a job at the University of Arkansas as an Academic Support Supervisor in 2010. Once meeting equine barn manager and event coordinator, Kathi Jogan, he quickly fell into his current role. “It has been a pleasure working with Mike Hooper for the past 3 years,” says Jogan, “No job is too big or too small for Mike – from helping to recruit clinicians to creating spread sheets and forms to planning equine program event logistics, Mike can be found lending a helping hand. Mike Hooper is a wonderful asset to the DEKEP, the Department of Animal Science and the Bumpers College of Agricultural, Food and Life Sciences.” Since he began volunteering, he has been instrumental in organizing events, fundraising and supporting the Equine Program.

“My ultimate goal when volunteering is to educate the students and the community,” says Hooper, “Encouraging growth of the program by having more educational clinics and events will help the industry and bring more public awareness to the Department and its offerings.” One day he hopes the Department of Animal Science Equine Program will become even the focal point in the public eye as a valuable resource for public information and education. In the meantime, he is working hard as ever to help the program as much as he can.

## Livestock Team Wins at Arizona National Livestock Show



The Department of Animal Science Livestock Judging Team was ranked as the Top Overall Team at the 2013 Arizona National Livestock Show on December 20, 2012. The team won every division and five of the top ten Overall Individuals were from the University of Arkansas team. Ranking students including Caleb Russell, Brittany Smith, Lindsay Bowman Morgan Watts, and Bryce Brummet.

The Arizona National Livestock Show presents an annual show bringing in 1,700 of the nation's best cattle, horses, sheep and swine to compete for over \$66,000 in prize money and awards. FFA and 4-H exhibitors compete in the Junior Divisions. Competitions include livestock judging as well as showmanship, public speaking and parliamentary procedures. During the Junior Show the Junior Market Auction takes place, where the top placing 135 market animals are offered for sale. This allows the hard working young men and women an opportunity to be financially rewarded for their accomplishments.

## **ANSC Has a New REPS Group!**



The Department of Animal Science has a new student REPS group! The REPS, which stands for Representing, Educating and Promoting Scholars is made up of qualified students majoring in animal science. They attend and promote the department at various events and assist in recruiting future students for the department. The founding members include Meghan Sommers, Claire Crews, Arden Leraris, Makenzie Foster and Lynley Farrar.

## Research May Lead to Increased Cattle Value



Department of Animal Science graduate student, Tom Devine, is conducting research that may give future cattlemen a higher profit on their herd.

Cattle producers can potentially lose money on lightweight heifers because they reach puberty late and cannot be used for replacements, and they simply have less overall value.

For his research, Devine is administering three doses of growth implants with varying components to low-end heifers. After a period of time, Devine will use several tests to determine the success of each component and gauge the value added to the heifers due to the accelerated growth caused by the implants.

After a recovery period, ultrasounds will be done to see the physical effects the components have on various reproductive organs. Post breeding the heifers will be checked for pregnancies to evaluate conception rates. There is currently no conclusive data measuring this effect. This research could help future producers pinpoint different management strategies that help add value and increase profit margins in low-end cattle.

## The Fences Are Built at The North Farm



Animal Science students and staff members Tom Devine, Kyle Baker, Jeff Jordan, Blake Hogan, Danny Belcher and Robert Rhein have been busy building fence and getting cattle working facilities ready to bring cattle back to the Arkansas Agricultural Research and Extension Center (AAREC) just north of the Fayetteville campus. The event has been several years in the making.

After roughly four years with limited cattle on what we in Animal Science commonly call the “North Farm”, we received a group of 67 heifers from Batesville on October 29th and another 24 head from Savoy on November 9<sup>th</sup> for research purposes. The heifers from Batesville will be used by Animal Science graduate student Tom Devine for his master’s project under the leadership of Dr. Looper and Dr. Philipp. The heifers from Savoy will be used on a turnip grazing study/demonstration project under the leadership of Dr. Philipp, Dr. Powell and Steve Jones.

Nearly seven years ago, in 2006, the Arkansas Watershed Research and Education Center, WREC, was founded and a major renovation of the north farm was initiated. In 2007, the last of the replacement dairy heifers were shipped. The cattle working facilities were dismantled and the old dairy free stall building was razed in the years following. In 2008, remodeling began. Most of the interior fences were removed. Pastures were plowed under, renovated and redefined to delineate sub-catchments within the defined research watershed basin on the AAREC. Riparian buffer zones were established and trees planted along major drainage areas. The WREC, along with the United States Geological Survey (USGS), installed numerous, real-time monitoring sites along the drainage to monitor runoff from crop areas, urban areas and pasture areas.

In the past, the farm has focused mainly on forage research for livestock using replacement dairy heifers. In 2009, a legume research study for the United States Department of Agriculture (USDA) was established. Several legume research projects have been achieved or under observation presently. In 2010, 20 acres were planted into novel endophyte fescue and another 20 acres in orchard grass. In 2011, an eight acre field of round-up ready alfalfa was established. In 2012, 18 acres were renovated and sprigged with Greenfield bermuda grass and eight acres were planted with a new summer annual, Teff grass from Africa. This fall, oats, rye, wheat, clover, and turnips were established for research and livestock forage. Over the past several

years, the North Farm has supplied forage for various species of livestock on the farm and other research farms. From December 2011 to July 2012, the farm housed various numbers of cattle from other farms to help raise them under the limited forage availability due to drought conditions. The “North Farm” has research and projects being conducted with various livestock species including cattle, horses, sheep and swine.

In 2011, we began fencing newly defined pasture and field areas and set a goal to have fences and cattle working facilities completed by October 1, 2012. It was a major effort by everyone involved, while maintaining all of the usual teaching, research and production activities. Without help from other north farm crew members and a good “student fencing crew” it wouldn’t have been completed on time. It was personally satisfying for everyone involved to have fences and working facilities constructed to handle cattle research projects again and to know that we have entered the next phase of meeting our teaching, research and extension goals in Animal Science while participating in the broader goals of the WREC.

Future plans call for more fencing and improvement of facilities, installation of new water systems, establishment of a small beef cattle teaching/research herd and, of course, continued research in the area of forage varieties and management.

Danny Belcher