

April 2015

Wildcat Canter

University of Kentucky Ag Equine Programs Newsletter



*UK Ag Equine Programs'
Distinguished Lecture Series
Welcomes Shawn Florida*

Wildcat Canter



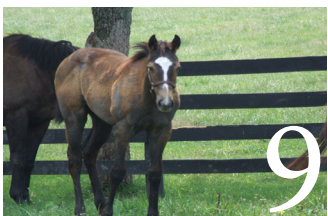
UK lecture series conversation with world's leading reining competitor Shawn Florida held April 27

Shawn Florida, National Reining Horse Association's leading rider, all-time money earner and member of the NRHA Hall of Fame, spoke at the University of Kentucky Ag Equine Programs' Distinguished Industry Lecture Series April 27 in the Gluck Equine Research Center's auditorium.



UK Ag Equine Programs celebrates 10 years

Nearly 50 University of Kentucky students will accept their degrees in Equine Science and Management May 9, and it's likely most are unaware of how new their degree program is and what a momentous occasion its creation was for the college.



Industry Spotlight

As UK Ag Equine Programs celebrates its 10-year anniversary, it seems fitting to look back at some of the faculty, staff and students who were instrumental in creating the program we know today. Stephen Coleman, assistant professor at Colorado State University, is one of those alumni and program builders.

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Welcome

“If you don’t know where you are going, any road will get you there.”

-Lewis Carroll

Decide today what you want to accomplish this summer. That’s right, summer is almost here and I think I speak for all of us when I say...finally! Setting goals is one of those things that you hear about so often it becomes repetitive. However its importance cannot be overstated.

While summer is most definitely a time to relax and recharge, don’t let the next three months just pass you by. Take some time to think about what you want to accomplish. Maybe you want to earn an elusive B or better in that chemistry class you are retaking. Or maybe you want to learn something new about managing horses at your summer internship. For those of you traveling to summer jobs, perhaps your goal will be to make at least one new life-long friend, or for those of you working at camps and ranches, maybe you want to ride at least 30 different horses.

Whatever your goals are, take time to write them down and share them with people. A goal in your head is just an idea; a goal talked about or written on paper becomes a reality. Make goals for your personal life, your professional life and for your future career. Post them somewhere you will see them daily so that each day you are working towards something. All of us can benefit from making and accomplishing goals.

Many of my own goals this summer revolve around all of you. First, I want to better get to know the 17 students traveling to Australia with Dr. Camargo and me so that I can more accurately help them with their future careers. Second, it seems that more and more of you are interested in careers in equine-assisted therapy, so I will be traveling to Crystal Peaks Youth Ranch in Oregon in June for a gathering of more 30 different equine-assisted therapy programs from around the country with the goal of recruiting at least five new internships. Finally, like many of you, I will be taking classes this summer and my goal is to earn an A in all of them...hey, if you’re going to have a goal it might as well be a big one.

Goals need to be specific. They need to be thought out ahead of time, and they need to be visible daily to be the most effective. Let’s all resolve to have a wonderful and safe summer. Let’s strive to be excellent representatives of the University of Kentucky Equine Science and Management program wherever we go and let’s decide today to have the best summer yet!

Elizabeth LaBonty
Lecturer and Internship Coordinator



Upcoming Events:

May 1
Last day of classes

May 4-8
Finals week

May 9
UK Graduation

May 9
Equine Science and Management
Graduation Reception, 9:30-11 a.m.
Good Barn, Gorham Hall



MASTHEAD

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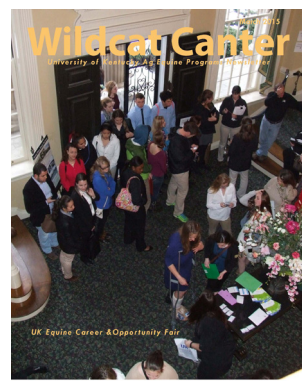
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Wildcat Canter, Bluegrass Equine Digest recognized for excellence by local PRSA chapter

For the second year in a row, the Wildcat Canter and the Bluegrass Equine Digest recently garnered “place” and “show,” respectively, in the Lexington-based Public Relations Society of America annual awards competition in the e-newsletter category.



UK lecture series conversation with world's leading reining competitor Shawn Flarida held April 27

Holly Wiemers

Shawn Flarida, National Reining Horse Association's leading rider, all-time money earner and member of the NRHA Hall of Fame, spoke at the University of Kentucky Ag Equine Programs' Distinguished Industry Lecture Series April 27 in the Gluck Equine Research Center's auditorium.

The talk was moderated by the College of Agriculture, Food and Environment's equine industry advisory committee chair and long-time program supporter Norm Luba. It was live-streamed on the college's YouTube channel and an archived version of the talk can be found at <https://www.youtube.com/watch?v=R6T1Bwf6oCo>.

Sponsored by Hagyard Equine Medical Institute, the event was free and attracted approximately 75 attendees.



Norm Luba, left, interviews guest speaker Shawn Flarida during UK Ag Equine Programs' Distinguished Lecture Series April 27 at the Gluck Equine Research Center auditorium.



Flarida is the first-ever Five Million Dollar Rider. He has five NRHA open futurity championships to his name and has won the All-American Quarter Horse Congress futurity 11 times.

Additionally, he was an individual and team gold medal winner at the 2002 World Equestrian Games in Jerez, Spain, riding for Team USA. In 2010, he was the high scoring rider in the World Equestrian Games team competition and led team USA to the gold medal.

Flarida knew from a very early age what he wanted to do when he grew up. In 1988, he graduated from high school and went to work for his brother, Mike Flarida, who had an established and successful business as a reining trainer. In 1989, Flarida branched out on his own.

Notoriously superstitious—always showing in a green shirt—Flarida's stated focus is on working hard at home and being the best horseman he can be. His official website can be found at <http://www.thegreen-shirt.com/>.

The Distinguished Lecture Series began in the fall of 2009 and has become a signature event of UK Ag Equine Programs. It is designed to showcase important figures from the equine industry in an informal setting.



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Previous series speakers included Keeneland's Nick Nicholson, accomplished equestrienne Nina Bonnie, Keeneland's Ted Bassett, Zenyatta owners Jerry and Ann Moss, Olympian Reed Kessler and a double header featuring both Thoroughbred trainer Graham Motion and three-day eventer Buck Davidson.



For the story about this event that was featured in UK's student newspaper, the *Kentucky Kernel*, please see: <http://kykernel.us1.list-manage2.com/track/click?u=0e98a5fa777d7b94e723408fe&id=b39dc1bd9e&>

Above, Flarida poses with Sydney Sargent, daughter of UK Equestrian Team western coach Bennie Sargent, at the conclusion of the evening.



Right, equine student Stephanie Spooner has Flarida sign a model horse at the conclusion of his talk.



Above, Shawn Flarida talks with attendees of the evening's program.

From left to right, Norm Luba, Stuart Brown, Nancy Cox, Bob Coleman, Shawn Flarida, Rick Clark and Jill Stowe at the conclusion of the talk.



UK Ag Equine Programs celebrates 10 years

Holly Wiemers

Nearly 50 University of Kentucky students will accept their degrees in Equine Science and Management May 9, and it's likely most are unaware of how new their degree program is and what a momentous occasion its creation was for the college.

This spring marks 10 years since the College of Agriculture, Food and Environment launched UK Ag Equine Programs, then called the Equine Initiative.

"The program is ideally situated in the heart of horse country, and this provides opportunities for researchers, extension agents and students to leave their footprint in the industry at the local, national and international levels," said Jill Stowe, director of UK Ag Equine Programs.

The college set out to radically change how it served Kentucky's signature equine industry when it launched the UK Equine Initiative in 2005 to provide a suite of services appropriate for a land-grant university. At the time, the college housed the Department of Veterinary Science's Gluck Equine Research Center and Veterinary Diagnostic Laboratory and two equine faculty in the Department of Animal and Food Sciences. While there was research, extension and teaching work already being done in equine in the college, there was no undergraduate stand-alone equine major and few horse-tailored extension programs. There was also no real "front door" for the general public to access UK's equine expertise.

Much has been accomplished in the last 10 years. The program is distinctive with its strong focus on all three land-grant university missions of teaching, research and extension.

"Thanks to a lot of dedicated and passionate faculty, staff and stakeholders, UK Ag Equine Programs has surpassed the original vision. In fact, it is not often that a university program has such rapid success in terms of excellent education, service and relevancy. This program belongs to the horse capital of the world, and we aim to serve the industry for a long time," said Dean Nancy Cox.

A distinct equine undergraduate bachelor of science degree has been in place since the fall of 2007 and has swelled from an initial class of 42 students to 267 students currently in the program, making it the second largest major in the college. There have been 135 graduates to date. Nearly 70 percent of the current equine majors hail from out-of-state.



Attendees mingle at the March 27 10-year celebration event.

The undergraduate program started with tracks in science and management, and has since evolved to four emphasis areas in equine science, business, community and leadership development and forages/pasture management. An internship is a requirement for graduation.

Additionally, seven equine-related clubs and teams are available for students to pursue their equine interests outside the classroom. Those organizations include the Dressage and Eventing Team, Equestrian Team with both hunt seat and western divisions, Horse Racing Club, Polo Team, Research in Equine and Agricultural Disciplines Club, a still fledgling Rodeo Team and the Saddle Seat Team.

In addition to its burgeoning undergraduate program, the College of Agriculture, Food and Environment also offers targeted graduate school opportunities and is home to world-class research and service excellence in equine nutrition, pasture and forages, economics, environmental stewardship and many others.



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The Gluck Equine Research Center has a storied history of important equine health research and currently has a research focus in the areas of genetics and genomics, infectious diseases and immunology, musculoskeletal science, parasitology, pharmacology/toxicology and reproductive health.

The vast majority of horses raised in Kentucky use pasture as an important nutrient source, and researchers at UK are developing nutrition and pasture management practices that improve knowledge of optimal feeding programs and production schemes for horses. Equine researchers at UK have also increased their efforts in understanding the role of nutrition and feeding management on the health, growth and longevity of horses in recent years.

The 2012 Kentucky Equine Survey, a comprehensive statewide survey of all breeds of horses, ponies, donkeys and mules—the first such study in Kentucky since 1977—was conducted between June and October 2012 in cooperation with the U.S. Department of Agriculture and in partnership with several Kentucky industry organizations. The survey found that Kentucky is home to 242,400 horses with a total economic impact of almost \$3 billion. The survey is available online at <http://www2.ca.uky.edu/equine/kyequinesurvey>.

UK also has a long history of exceptional equine service and outreach.

The Veterinary Diagnostic Laboratory, one of the busiest state diagnostic laboratories in North America with more than 53,000 case submissions each year, serves as sentinel for animal and human health and has the largest equine case load in the world.

The Kentucky 4-H Horse Program is one of the largest in the nation with an enrollment of more than 4,500 youth.

The Horse Pasture Evaluation Program identifies the composition of Kentucky horse pastures, assesses tall fescue toxicity risks and encourages better pasture management practices. To date, the program has completed more than 120 evaluations on over 18,000 total farm acres.

Education for horse owners also occurs through annual field days, Horse College, horse grazing program, HorseQuest and eXtension. Additionally, several publications by experts offer hands-on horse management information.

More about UK Ag Equine Programs can be found at <http://www.ca.uky.edu/equine>.



Current and past directors of UK Ag Equine Programs. From left to right, current director Jill Stowe, and past directors Jamie MacLeod and Ed Squires.



UK Provost Tim Tracy and College Dean Nancy Cox look over a photo book at the 10-year celebration event March 27.



Dr. Bob Coleman is seen talking with some of the program's alumni at the 10-year celebration event.



Dean Nancy Cox welcomes attendees to the 10-year celebration event March 27.

'Arabian Roots' shows connection between Middle East, Ky. Thoroughbreds

Source: UK Now, by Whitney Hale

A new exhibit at William T. Young Library traces the heritage of the modern Thoroughbred horses bred in Kentucky to a stock of Arabian horses imported to England between the late 17th and early 18th centuries. As part of the continued focus on the Year of the Middle East by University of Kentucky Libraries in conjunction with the UK College of Arts and Sciences, "Arabian Roots: The Pedigree of Kentucky Thoroughbreds" illustrates the bloodlines of prominent sires and shows links to Central Kentucky horses. The exhibit opens with a program and dessert reception 1 p.m. today, Monday, April 27.

"Arabian Roots" includes wall panels along with display cases featuring artifacts and books on some of the Central Kentucky sires. The exhibit panels show the evolving Thoroughbred from the Darley Arabian through William T. Young's famed Storm Cat. The physical exhibit, which runs through July 31, will be located in Core 1 of The Hub, in Young Library.

In addition to the physical exhibit, "Arabian Roots" is also a virtual exhibit. The virtual exhibit can be found in UKnowledge, the university's institutional repository at http://uknowledge.uky.edu/world_yome_arabian_roots/ beginning May 4.

A satellite exhibit with additional artifacts is also on display in the John A. Morris Library in the Maxwell H. Gluck Equine Research Center.

All exhibits and events free and open to the public.

"Arabian Roots" was developed by UK Libraries, The Keeneland Library and the Gluck Equine Research Center in collaboration with the Pyramid Society and the International Museum of the Horse.



The exhibit panels show the evolving thoroughbred from the Darley Arabian through William T. Young's famed Storm Cat.



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Industry Spotlight

Alexandra Harper

As UK Ag Equine Programs celebrates its 10-year anniversary, it seems fitting to look back at some of the faculty, staff and students who were instrumental in creating the program we know today. Stephen Coleman assistant professor at Colorado State University, is one of those alumni and program builders.

Coleman came to the University of Kentucky in 2000 to pursue a bachelor's degree in Agricultural Biotechnology.

“The requirements of that program led me to meet and work with Dr. Ernie Bailey, a professor in the Department of Veterinary Science, which is what got me into equine genetics for my master's and doctoral degrees with Dr. Jamie MacLeod, , also in the Gluck Center,” Coleman said.

Coleman graduated in 2003 with a bachelor of science in ag biotech, in 2006 with a master's in veterinary science and 2011 with a doctorate from veterinary science.

“I first became familiar with the horse industry through my dad, Dr. Bob Coleman, and would frequently go on farm visits with him,” Coleman said. “I started to become more familiar with the industry when I became involved with the Equine Initiative.”

Coleman was very instrumental in the beginning stages of UK's Equine Initiative, now known as UK Ag Equine Programs.

“Some of my best memories were getting to meet and interact with many of the people involved with the Equine Initiative,” Coleman said. “I'm very happy that I was able to work with my dad by being involved with UK Ag Equine. I'm also very proud that I got to represent the students on the executive committee and be a part of the great work the students did, particularly the career fair, an idea that came from the students in conjunction with Ms. LaBonty, as well as the ice cream social for clubs and teams.”

After completing his doctorate with MacLeod, Coleman moved to CSU to work with researchers Carol and Jeff Wilusz as an RNA biology postdoctoral fellow. The main focus of his work was looking at post-transcriptional regulation of gene expression.

Coleman said he had the fortunate opportunity to help teach the equine genetics courses, which in turn helped him receive consideration for his current assistant professor of equine genetics position when it was advertised this past fall.

Currently, Coleman teaches the equine genetics foundation course which is required for all equine science undergraduate students, and he is responsible for developing and teaching a graduate level equine genetics course. Coleman works as a member of the Animal and Equine Science faculty and the Breeding and Genetics Group, and interacts with the faculty and staff from the Animal Reproduction and Biotechnology Laboratory and the Equine Reproduction Laboratory.



Stephen Coleman with Tiznow.



Stephen Coleman with one of Colorado State University's national champion polo ponies.

Giving back to the industry

Hannah Forte

Emily Nelson is a native to Lexington, Ky., and no stranger to the Thoroughbred industry. Her internship with the Thoroughbred Aftercare Alliance (TAA) provided her an opportunity to give back to the horses that are the foundation of the Thoroughbred racing industry.

Nelson chose the Equine Science and Management undergraduate degree program at the University of Kentucky because she knew what incredible equine opportunities the area offers. Both of her parents work in the Thoroughbred industry, and through them, she has been provided opportunities and access to the industry. She attributes everything that she has in life to the horses, and said she felt that she needed to give back to the animals that provide her family's livelihood.

"I fell in love with what they do. I believe that these animals give so much to us and our livelihoods that it is our duty to not only take care of them while they are competing and in their prime, but also to ensure that they are taken care of after they can no longer perform," Nelson said.

"Emily was already invested in the Thoroughbred industry," said Elizabeth LaBonty, internship coordinator and lecturer. "But she also is very caring and invested in horses, so she was looking for an internship combining her experience with her passion. TAA was the perfect fit."

During her internship, Nelson's responsibilities primarily involved donations. She entered the donations received into a database and sent out thank-you letters to the donors. Nelson also kept up with the horses that TAA supported at each facility.

"She was always willing to take on a project, big or small, and came in with a good attitude," Danielle Nichter, who is responsible for marketing and funding development at TAA, said. "A new set of eyes and fresh ideas are always important and our interns bring just that."

"I learned about the aftercare of Thoroughbreds and what actually happens to them after they come off the track," Nelson said. "Thoroughbreds do not just go out to pasture, they have second careers as hunters, jumpers and much more."

According to Nelson, her favorite part of the internship was reading stories about the horses that TAA has helped. In particular, she loved stories about adoption and the love between horse and owner.

"Thoroughbred Aftercare Alliance has widened my knowledge of the Thoroughbred and how best to care for them off the track," Nelson said.

After graduation in May 2016, Nelson plans to stay in the Thoroughbred industry. She said she would like to have a career in the business field of the industry.



UK Ag Equine Programs and Gluck Center student communications intern an American Horse Publications Student Finalist

Hannah Forte, communications and student relations intern for UK Ag Equine Programs and the Gluck Equine Research Center, was recently named a national student finalist for the American Horse Publications annual awards contest.



Held since 1974, the AHP Annual Awards Contest provides members with an opportunity to be recognized for excellence in equine publishing. All entries are critiqued by the judges to encourage members to strive for journalism excellence. This year's contest drew entries from 115 members and total entries increased from 736 in 2014 to 837.

The Awards Presentation will be held on Saturday evening, June 20, 2014, at the historic Menger Hotel in San Antonio, Texas, during the AHP "Tally-Ho at the Alamo" Seminar. The Awards Reception is co-sponsored by Dover Saddlery and i-5 Publishing. The Award Banquet is sponsored by Zoetis with table centerpieces from Breyer Animal Creations.

The results of the Awards Contest will be available on the AHP web site after the awards presentation in June. First Place winners will be sent an AHP Award Winner logo to promote their achievement for the year.

Quinn Maynard, high school-aged daughter of Ag Economics Department Chair, Leigh Maynard, created this piece for the Lexington Sister Cities 27th Annual Young Artist Contest, and it won second place! It depicts the Sister Cities of Horses.



April's Bluegrass Equine Digest

Check out the April issue of the Bluegrass Equine Digest, a free, monthly electronic newsletter dedicated to providing up-to-date information on equine research from the University of Kentucky's College of Agriculture, Food and Environment in collaboration with TheHorse.com and sponsored by Zoetis. This month's stories can be found at http://www.thehorse.com/enews/bluegrass-equine-digest/20150426.html?utm_source=Newsletter&utm_medium=bluegrass-equine-digest&utm_campaign=04-26-2015.

- Cobalt Use in Racehorses
- UK Lecture Series Presents a Conversation with Leading Reiner Shawn Florida
- Kentucky Equine Market Continues to Show Improvement
- Gluck Equine Research Foundation Releases Sixth Research Report
- UK Farm and Facilities Expo to be Held June 2
- UK Ag Equine Programs Celebrates 10 Years
- Water Hardness Worries

Engager Newsletter

In this issue of the Engager Newsletter, you will find an overview of many events that have taken place the past couple of months in the college including: Sigma Alpha Founder's Day, Cooking for a Cure and Dance-Blue. You will also receive information about Ag Bash and Agriculture Future of America (AFA) that are quickly approaching, word from an outstanding student and professor, as well as a list of upcoming dates here in the college.

<http://us9.campaign-archive2.com/?u=bbf6149186b094cd138fe73f8&id=1d0b3be8d2&e=649fb149a9>

UK Equine Farm and Facilities Expo to be held June 2

Holly Wiemers

University of Kentucky Ag Equine Programs will host its annual Equine Farm and Facilities Expo from 3:30 to 8 p.m. EDT Tuesday, June 2 at McPeek Racing's Magdalena Farm in Lexington.

Horse owners and farm managers will have the opportunity to walk through a vendor trade show and see a range of equipment and supplies for horse farms of all sizes. UK specialists will provide hands-on instruction about practical aspects of management for equine operations. There will also be farm tours.

"The expo provides horse owners the chance to attend an informative event on the grounds of a working horse farm. We appreciate Kenny McPeek for hosting this event and for opening the farm's gates to the public," said Ray Smith, professor and forage extension specialist for the UK College of Agriculture, Food and Environment.

Nick Carter, Fayette County agriculture and natural resources extension agent, said the expo is a unique opportunity for horse owners to learn about a wide range of topics, from pasture weed management to footing for exercise areas.

"There are not many other venues around that allow horse owners this kind of opportunity," he said.

UK experts will lead demonstrations on subjects including footing, pasture weed management and landscape decisions on horse farms. In addition, McPeek will share with attendees what he looks for in a yearling. There will also be a number of informational booths staffed by UK specialists.

McPeek Racing specializes in selection, management and training of Thoroughbred racehorses. McPeek serves on the board of UK Ag Equine Programs and has been training racehorses since 1985. The farm is located at 2651 Russell Cave Road in Lexington.

Admission to the expo is free, and a meal will be provided. Reservations are appreciated. Contact the Fayette County Extension office at 859-257-5582 to reserve a spot. For more information about this and other UK Ag Equine Programs events, visit <http://www.ca.uky.edu/equine> or email equine@uky.edu.

UK Ag Equine Programs presents *in conjunction with McPeek Racing* 7th Annual Equine Farm & Facilities Expo

McPeek Racing specializes in selection, management and training of Thoroughbred racehorses. Kenny McPeek serves on the board of UK Ag Equine Programs and has been training racehorses since 1985.



Tuesday, June 2, 2015, 3:30-8 p.m.
meal provided

Magdalena Farm, 2651 Russell Cave Road, Lexington

RSVP appreciated to Fayette County
Extension Office
(859)257-5582
dl_CES_fayette@uky.edu

Agenda:

- 3:30-5 p.m., Registration & Trade Show
- 4-5 p.m., Farm Tours
- 5 p.m., Welcome, Kenny McPeek, "What I look for in a yearling"
- 5:45 p.m., Meal and Announcements
- 6:30-8 p.m., Educational Stations:
 - Dr. Bob Coleman, "Footing for where your horses work"
 - Dr. J.D. Green, "Pasture weed management"
 - Mr. Ryan Martin, "Landscape decisions on horse farms"



Program Spotlight

Alexandra Harper

Teri Lear, a research associate professor at the Gluck Equine Research Center, grew up in Louisville, Ky., and began riding horses at the age of 8.

“I think horse was my first spoken word,” Lear said. “When I was almost 10, my father bought me my first horse, Satan (after the Black Stallion books, of course), a pitch black 5-year-old gelding that was a mix of breeds.

“We won a blue ribbon at a show in Anchorage, Ky., and that got the ball rolling. He and I were buddies until he died at the ripe old age of 29,” she said.

During those years, Lear had American Saddlebred horses that she showed in pleasure, equitation and three-gaited events. On her mare, Just for Kicks, she qualified for the American Saddle Horse Association Equitation Medal Finals. In pleasure, on Royal Dare’s Bootlegger, she won the Juvenile Three-Gaited Pleasure class at the World’s Championship Horse Show and placed third in the championship. Over the years she won or placed in many shows around the tough Kentucky and Southern Indiana horse show circuit. Lear currently has one horse, Desert Heir, a buckskin American Saddlebred gelding that she raised.

“I used my genetics training to select a mating that would give me the best chance of producing a buckskin, a rare color in Saddlebreds,” Lear said.

Lear received her bachelor of arts from Indiana University Southeast in zoology. Later, she received a master’s degree from the University of Louisville in biology. After working in the area of human cytogenetics, she returned to school and received her doctorate from the University of Kentucky in veterinary science.

Lear came to the Gluck Center in 1988 to study equine genetics with Ernie Bailey, a professor in the department. She had met Bailey through Ward Crowe, a former pathologist in the department, when she was studying equine cytogenetics at UofL. After Lear finished her master’s degree, Bailey accepted her as a graduate student. After she completed her doctorate, she obtained a position as a research faculty member in the Gluck Center and continued her work in equine genetics.

According to Lear, the Gluck Center is unique in that it is solely dedicated to the study of health and disease in horses.

Lear’s main responsibilities at the Gluck Center are to develop and maintain a program in equine genetics and genomics, particularly in cytogenetics, the study of chromosomes, in order to assist veterinarians in determining causes of infertility and congenital abnormalities in horses. About three percent of horses have a chromosome abnormality that affects their development and/or fertility. Lear’s lab is one of only three in North America that offers this type of testing to equine veterinarians.

She also studies the genetic causes of contracted foal syndrome and abnormalities of sex development, among other things. Additionally, she is interested in the evolution of horses and their relatives, rhinoceroses and tapirs, using comparative mapping and genomics.

Some of Lear’s current research projects include determining the evolutionary pathway of genes that appear to be “unique” to the horse with her graduate student, Allison Sparling.

“These genes may be related to behavior and reproduction and part of what makes ‘a horse a horse,’” Lear said.

Lear is also looking at the genetics and environmental influences that may cause abnormal limb development in foals, such as contractures and angular limb deformities.

Lastly, she has a keen interest in the genetic causes of abnormal sex development in horses that are not related to chromosome abnormalities.

When Lear isn’t busy in her lab she also enjoys gardening, reading and drawing.



Photo credit: Patrick Pfister

New Bookstore Partner

Source: Email from Executive Vice President for Finance and Administration

Dear UK Community,

At the University of Kentucky, we are committed to placing the learning and scholarly needs of our students, faculty and staff first.

A critical component of that commitment is our campus bookstore, which serves as an intellectual hub and critical retail space in the heart of our campus.

With that focus in mind, I am pleased to announce that UK is partnering with Barnes & Noble College, a global brand recognized for its excellence, to operate our campus bookstore. The partnership will formally begin June 1.

It's a particularly critical moment to begin this partnership as we embark on the construction of a new state-of-the-art Student Center in May 2015. During this construction phase until 2018, Barnes & Noble will operate the university's bookstore in a temporary location.

During that time, the temporary bookstore will be fully operational and will offer a variety of textbook options, trade books, school supplies, technology-related products, spirit gifts and an expanded selection of Wildcat apparel. Over the next few weeks, we will follow up with additional information about the temporary locations where the bookstore will operate so as to ensure minimal disruption or inconvenience.

In fact, with Barnes & Noble College's Campus Connect technologies, students and faculty will have access to the largest selection of course materials in several cost-saving formats — rental, used, digital and new.

These innovative solutions include course fee programs, multi-platform LMS integration strategies, real-time student financial aid modules, and Barnes & Noble's simple Registration Integration online ordering system.

Faculty will also gain access to a groundbreaking online community, FacultyEnlight (<http://www.faculty-enlight.com>), a streamlined textbook adoption platform that will enhance the UK online ordering process. FacultyEnlight combines advanced search capabilities with detailed information on course material formats, pricing and reviews by other faculty.

As a reminder, we would also ask faculty, who have not done so, to move quickly to place book orders for the Fall semester.

When construction of the Student Union is completed in early 2018, the University of Kentucky will have a state-of-the-art 30,000 sq. ft. academic superstore that reflects the school's Wildcat brand, offering approximately 50,000 volumes of general reading and exceptional customer service. When completed, the new three-story bookstore will also offer a full-service coffee shop with indoor and outdoor seating.

For more information regarding Barnes & Noble College's services and locations, please visit www.bncollege.com.

Eric N. Monday
Executive Vice President for Finance & Administration

Temporary UK Bookstore on Lexington Avenue

Source: Email from Executive Vice President for Finance and Administration

Dear UK Community,

As you know, our campus is in the midst of a transformation unlike any other in public higher education. Since July 2011, we have initiated more than \$1.36 billion in capital projects to revitalize our campus and to foster the best environment for student success.

The next step in the transformation will take place on May 16 – when our current Student Center comes offline – to begin construction of our new \$175 million Student Center.

An experienced team has developed a plan to temporarily relocate the vital services currently housed in the Student Center. Among these vital services is the UK Bookstore.

The current UK bookstore will remain open through May 16 for book buy-back, so it will be business as usual for students – both at the end of the semester and for book purchases for the 4-week summer session.

Earlier this month, we announced that UK is partnering with Barnes & Noble College to operate our campus bookstore beginning on June 1, 2015.

During the new Student Center construction from May 16, 2015 until early 2018, Barnes & Noble will operate the university's bookstore in a temporary UK Bookstore location – which will open on June 1, 2015 – located behind the Joe Craft Center, on Lexington Avenue.

You may have noticed that construction has already begun on the blue basketball courts behind the Joe Craft Center. Though this is a high traffic venue, we determined, after careful consideration, that this is the best space for the temporary UK Bookstore. We apologize for any disruption and will be back in touch soon about new campus recreation options for north campus, which we are currently finalizing.

This temporary bookstore location will offer new and used rental books, digital books, used textbooks and new textbooks, as well as a wide selection of UK clothing and merchandise. Beginning June 1, the temporary UK Bookstore on Lexington Avenue will also offer year-round book buy-back and special order services.

We also know that the UK Bookstore's services are in high demand during the first few weeks of the fall semester. Therefore, in order to best serve our students in the fall, the bookstore will provide three options for students to receive their textbooks.

First, we have arranged for a free UPS delivery service, which we encourage students to use as the main option for pre-orders. More details about the delivery service will be available over the coming summer months.

Students can also choose between two pick-up locations: the temporary bookstore on Lexington Avenue and a tent near “the 90,” located on Hilltop Avenue. This tent on Hilltop Avenue will serve as a satellite store for move-in week and the first week of classes. It will feature UK clothing, residence hall supplies and school supplies.

As a reminder, members of our community can visit this page to view where the various vital services currently housed in the Student Center will move.

When construction of the Student Center is completed in early 2018, the University will have a state-of-the-art 30,000 sq. ft. academic superstore that reflects the school's Wildcat brand, offering approximately 50,000 volumes of general reading and exceptional customer service. When completed, the new three-story bookstore will also offer a full-service coffee shop with indoor and outdoor seating.

As we continue to move forward, we always want to hear feedback from the community. Join the conversation about the Student Center and our bookstore. You can also stay updated on our progress by visiting the Student Center renovation website.

Thanks for your support during the campus transformation.

Eric N. Monday
Executive Vice President for Finance & Administration

Clubs and teams updates

Dressage and Eventing Team

UKDET sent 12 horse and rider combinations to FENCE Horse Trials in North Carolina on April 11-12. The teams placed second, third and fifth, and the team had a larger presence than any other college. Congratulations Aisling carroll, Caroline Hecht, Maggie Hoffman, Hannah Kembel, Taylor Pence, Kaitlyn Samuels, Lexie Samuels, Anne Stevens, and Megan Tyrrell!

Katy Groesbeck, an upper-level eventer and dressage rider, taught a team clinic at Clear View Equestrian Center on March 28-29. All of our riders learned a lot and look forward to having her back. Katy will be coming to Lexington on June 6 to teach cross country at the Kentucky Horse Park. Please contact hannah.forte@gmail.com if you are interested (open to everyone).

The team will be hosting the Hunter Pace again at Masterson Station Park on May 2 this year. Please see the flyer and entry form for more information.



CLUBS AND TEAMS DIRECTORY

DRESSAGE AND EVENTING TEAM

Advisor: Dr. Jill Stowe, jill.stowe@uky.edu
 President: Aileen O'Brien, aileen.obrien216@gmail.com
 Facebook: UK Dressage and Eventing

HORSE RACING CLUB

Advisor: Dr. Laurie Lawrence, llawrenc@email.uky.edu
 President: Bethany Wurl, Bethany.Wurl@uky.edu
 Facebook: University of Kentucky Horse Racing Club

EQUESTRIAN TEAM

Advisor: Dr. Bob Coleman, rcoleman@email.uky.edu

HUNT SEAT TEAM

President: Haley Dowty, uk.equestrianteam@gmail.com
 Facebook: University of Kentucky Equestrian Team

WESTERN TEAM

President: Fallon Jackson, fjackson@uky.edu
 Facebook: University of Kentucky Western IHSA Team

POLO TEAM

Advisor: Dr. Roger Brown, rogerbrown@uky.edu
 President: Rebecca Kozlowski, beccakoz@comcast.net
 Facebook: U of Kentucky Polo

R.E.A.D. CLUB

Advisor: Dr. Kristine Urschel, klur222@uky.edu
 President: Sarah Sivinski, sesi225@g.uky.edu
 Facebook: READ Club

RODEO TEAM

Advisor: Dr. Kristine Urschel, klur222@uky.edu
 President: Allison Barkley, ukrodeoteam@gmail.com
 Facebook: University of Kentucky Rodeo Team/Club

SADDLE SEAT TEAM

Advisor: Dr. Mary Rossano, mary.rossano@uky.edu
 President: Andrew Slater, ajsl225@g.uky.edu
 Facebook: UK Saddleseat Team 2013-2014 (Group)

Class of 2015

Equine Science and Management Graduation Reception

Saturday, May 9

9:30 a.m.

E.S. Good Barn
University of Kentucky



Gianna Alberti
Jacqueline Barr
Erika Berntsen
Veronica Bill
Caroline Bollinger
Danielle Bricker
Jackson Buchanon
Nicole Burke
Katherine Bushman
Katherine Caddel
Kelli Crosby
Emily Daunhauer
Claire Dingess
Kennedy Ellingson
Ashley Gerritsen

Elizabeth Goldsmith
Christian Goodan
Keely Gustin
Robert Hertzell
Annie Hickey
Jay Hochstetler
Jessica Hyde
Fallon Jackson
Nicholas Koucky

Sydney Kowalczyk
Samantha Lape
Kayleigh Leavell
Lauren Mangin
Kelli Mardell
Erin Morgan
Emily Nelson
Rachel Nelson
Taylor Nolan

Alexa Prettyman
Amanda Reardon
Courtney Schneider
Jiayu Shao
Stephanie Spooner
Alison Stavola
Kylie Stavola
Amanda Swider
Sarah Troxell

Amy Vanbenschoten
Kelsey Wallace
Ann-McCullough Wilkins
Colton Woods
Bethany Wurl
Kristen Zaner

"You have brains in your head. You have feet in your shoes. You can steer yourself in any direction you choose. You're on your own. And you know what you know. And YOU are the one who'll decide where to go..."
-- Dr. Seuss





Pace *The Race for the Roses*



UKDET Spring Hunter Pace
Saturday, May 2, 2015
9AM-3PM


Masterson Station Park
3051 Leestown Road, Lexington, KY

Hunt  *Pleasure*  *Junior*
See entry form for division descriptions.

Win  *Place*  *Show*
Receive Prizes, Best “Derby” Attire too.

Concession will be available.
ASTM/FEI helmets mandatory.
coggins required  all fences optional

Pre-registration appreciated, but not required.
Teams of 2-4 riders please.

Contact  Hannah Forte  615-440-3388  hannah.forte@gmail.com

UK Ag Equine Programs' 10-year
Celebration travel mugs are still for
sale...

...only \$10!



Contact Alexandra Harper at aharper147@uky.edu or stop by N212 Ag
Science North to pick up your mug.