increase in numbers, our curriculum balances state-of-the-art classroom instruction with practical, hands-on experience. Our teaching faculty members are among the most recognized at UK, receiving numerous regional and national awards. We offer opportunities for students to gain valuable experience on the UK farms, undergraduate research, and study abroad.

Graduate Program - As of this writing, we have 54 total students in the department. Of these, 28 are M.S., 21 are Ph.D., and 5 are post-doctoral scholars. During 2014, 11 M.S. students and 1 Ph.D. student completed their degrees.

Extension - The department’s extension program is dedicated to educating the Commonwealth’s farmers on best management practices to facilitate economic and environmental sustainability. Additionally, our Food Science group is responsible for ensuring food safety and quality in processing, manufacturing, and the home. We currently have 15 faculty members with extension appointments and 7 extension associates covering beef, dairy, horses, poultry, sheep, swine, foods, and youth. Our extension team serves the entire state from our location on campus in Lexington and the Research and Education Center in Princeton.

New Feed Mill - The department has a new research quality feed mill. The former mill at the Little Research Center was destroyed by fire on Memorial Day weekend in 2013. The new research feed mill was designed to produce high quality feeds in a user friendly environment. The mixing capacity has expanded to include four stainless steel mixers: a 2-ton, 1-ton, 1000 lb. and a 500-lb. mixer. The mill is located on the same site as the previous mill at the Sheep Unit; however, the silos have been relocated to the opposite end of the Sheep Unit. The mill has a separate and enclosed grain unloading area and has the ability to handle bulk feed. The feed mill is a welcome addition to the department’s nutrition research programs.

Dear friends and alumni of Animal and Food Sciences,

How long has it been since you visited with other friends, alumni, faculty and current students of the Department of Animal and Food Sciences? How long has it been since you tasted the delicious smoked beef, lamb, and pork prepared by the Block and Bridle Club or enjoyed a mouth-watering dessert crepe served up by APS poultry faculty and staff? If the answer is “too long,” then come to campus on Friday night, October 2 and join other folks like yourself under the big tent for the annual Animal and Food Sciences Reunion. We’d love to see you!

This year’s reunion is something you won’t want to miss. Tim Farmer, an American outdoorsman, cook, musician and television presenter, will be with us. Since our reunion is “all about good times, good friends and good eats,” Farmer is the perfect invited speaker.

In addition to our traditional “commodity testing stations” and honoring this year’s Hall of Fame winner and Distinguished Alumnus recipient, you’ll be able to bid on some great items in our 4th Annual Silent Auction to benefit the AFS Scholarship Program.

So, come join us under the tent for this year’s reunion!

R.S.V.P. by Friday, September 25 to Kevin Hagan at (859) 257-7533 or lhagan@lamb.uky.edu. Tickets may be picked up at the tent; $10 for adults, free for children under 12.
What’s happening in... our teaching, and the Land tenure, Food and part of the Co-traits needed to attain those skills for sustainable agricultural and food systems. The department’s science and technology to animal and focus on the application of instruction programs are second to improvement of human foods. The un-ship to the environment, as well as production systems and their relation-ship to the knowledge of animal biology and research programs that advance our knowledge of animal biology and production systems and their relation-ship to the environment, as well as processing, preservation, and im-provement of human foods. The un-dergraduate and graduate student in-structional programs are second to none and focus on the application of science and technology to animal and food production. The department’s outstanding extension programs ad-vance economically viable and sus-tainable agricultural and food systems and assist our youth to develop those skills and character traits needed to be successful citizens. As a part of the College of Agri-culture, Food and Environment and the Land Grant system, our teaching, research and extension programs strive to make a positive dif-ference in people’s lives.

Beef - The department continues to have a focus on beef cattle research, teaching, and extension. Beef cow herds are maintained at the C. Oran Little Agricultural Research Center and the UK Research and Education Center at Princeton. The department currently has 9 beef-related facility positions. Research programs sup-port approximately 10-15 graduate stu-dents. The beef extension specialists deliver new edu-cational programs such as the inte-grated reproduction effort in northern and eastern Kentucky and the Pasture to Plate finishing program to demon-strate application of best management practices.

Dairy - It’s an exciting time to be involved in the dairy program at the University of Kentucky. After many years without major modifications at the UK Cold-stream Dairy, we are in the process of building a new housing facility for the cows. This facility will help cement our strong research programs in precision dairy, cow comfort, compost bedded pack barns, re-productive manage-ment, and milk quality manage-ment. As always, our students are active participants in national dairy judging contests and American Dairy Science Association activities. In ad-dition, dairy students are now particip-ating in the National Dairy Chal-lenge program, dairy education abroad trips, and undergraduate re-search. Working with the support of our county exten-sion agents, we have developed new programs to help support ef-forts to improve the lives of Ken-tucky’s dairy farmers.

Equine - The Equine Science and Management degree program that was started in 2007 now has more than 250 majors. There are now 6 faculty members in the depart-ment who are involved in equine teaching activities. Equine research remains focused on nutrition. Most research is conducted at the Horse Unit on Maine Chance Farm. Current-ly there are 8 graduate students in the equine area, including 2 interna-tional students. The increased num-ber of faculty involved in the equine program in the department has al-low ed the expansion of both the youth and adult extension pro-grams.

Poultry - The poultry section continues to have very active programs in research, teaching, and extension. Faculty and graduate students made numerous research and extension presentations at national, regional, and international confer-ences. The efforts of the graduate students resulted in their re-ceiving certificates of excellence in student competitions. Our research program yields important findings that are be-Continued on next page

Animal and Food Sciences?

Swine - The UK Swine group has an active research and extension effort. A broad research program utilizing the 120-sow herd at the C. Oran Little Agricultural Research Center gener-ates information about feedstuffs, the biology of the pig, and ways to more efficiently produce pork. A variety of graduate students, postdoctoral re-search scientists, and visiting profes-sors from other countries take part in that research. The extension program has provided targeted information to specific production questions and has been a strong proponent of youth pro-grams in Kentucky. Efforts in the

swine program are constantly changing with the changes in the industry and changes in faculty personnel.

Food Science - The expan-sive nature of Kentucky’s food industry is reflected in the foods group, comprising 8 fac-ulty members. The foods group encompasses a wide variety of commodities (from dairy and meats to cereals and fresh produce) as well as scientific disci-plines (such as food chemis-try, processing, safety, and microbiology). In addition, the foods group spearheads the UK Food Systems Innovation Cen-ter, which employs a multi-disciplinary approach to providing applied research solutions to Ken-tucky’s food businesses. The recently opened UK Butcher Shop caters a va-riety of locally produced meats to con-sumers in the Commonwealth and UK community. The foods group contin-ues the success in securing support from government, industry, and commodity groups. In addition, the faculty members have received several na-tional and international professional honors.

Undergraduate Program - Our un-dergraduate teaching is one of the strongest in the college. Student inter est has never been greater. In 2004, we had 318 students majoring in Ani-mal Sciences and 25 majoring in Food Science. In 2009, the Equine Science and Management Major was officially launched. By 2015, total numbers had more than doubled to 359, 44, and 324 students in the ASC, FSC and EQM majors, respectively. Despite the rapid Continued on back

Animal and Food Sciences Faculty

Debra Aaron                      Bob Coleman
Sunday Tayo Adebokun           Gary Cromwell
Donna Amaral-Phillips          Don Ely
Les Anderson                   David Harmon
Jeff Bewley                    Robert Harmon
Phil Bridges                   Bernhard Hennig
Darh Bullock                  Clair Hicks
Rae Burris                     Elizabeth LaBonta
Fernanda Camargo              Laurie Lawrence
Austin Cantor                Ann Led
Richard Coffey                  Jeff Lehmkuhl
                                 Merlin Lindemann
                                 James Matthews
                                 Kyle McLeod
                                 Melissa Newman
                                 Tony Pescatore
                                 Gregg Rentfrow
                                 Mary Rossano
                                 Bill Silvia
                                 Suresrdhanth Suman
                                 Kristine Urschel
                                 Eric Vanzant
                                 Paul Vijayakumar
                                 Youling Xiong

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