K-STATE ALERTS TEST ON OCTOBER 12
K-State Alerts will test the university’s emergency notification system on Wednesday, October 12. K-State Alerts is the primary messaging system for the university to distribute timely emergency notifications such as an active shooter, tornado, snow day or other dangerous weather that may close campus, or to inform the reopening of campus following a forced closure. If you are not yet signed up to receive emergency notifications, instructions are available at http://www.k-state.edu/safety/alerts/about.html

DISCUSSION ON WATER RESOURCES IN KANSAS
BAE assistant professor Vahid Rahmani will discuss water availability and management concerns in Kansas and how those concerns are magnified in nonstationary climates on Thursday, October 13 beginning at 11:30 a.m. in 231 Ackert Hall. Undergraduate students interested in natural resources, environmental science and sustainability issues are encouraged to attend.

K-STATE RESEARCHERS PUBLISH STUDY ON GENOMIC PREDICTION STRATEGY IN NATURE PLANTS
Four K-state researchers were members of a team that authored Genomic prediction contributing to a promising global strategy to turbocharge gene banks, published in the October 3 issue of Nature Plants, a member of the Nature family of scientific journals. The K-State authors are Donghai Wang, BAE professor, Yuye Wu, research assistant in Biology; Tesfaye Tesso and Kraig Roozeboom, both associate professors in Agronomy. Dr. Roozeboom took over as the K-State principal investigator from Jianming Yu (former associate professor in Agronomy at K-State who is now the Pioneer Distinguished Chair in Maize Breeding at Iowa State University) and overall leader of the project. The study was a cooperative effort of 14 authors from K-State, Iowa State, Cornell University, the University of Minnesota and the U.S. Department of Agriculture’s Agricultural Research Service. The paper describes a cost-effective strategy of utilizing genomic and analytic technologies to assess the vast amount of valuable germplasm archived in 1,750 gene banks worldwide. Currently, the 7.4 million plant accessions in these gene banks are largely underutilized due to various resource constraints.

K-STATE RESEARCHERS SIGN AGREEMENT WITH MAHINDRA & MAHINDRA LIMITED FARM EQUIPMENT SECTOR
Mahindra & Mahindra Ltd., the world’s largest-selling tractor brand by volume, is setting its sights on expanding and introducing new products for the North American market and is looking at K-State engineers to support product development. The firm will sponsor BAE to provide testing, validation and product development for new tractor models. Leading the project will be Ajay Sharda and Dan Flippo, assistant professors and Ed Brokesh, instructor. The senior vice president of global product development for the company’s farm division, Vivek Gupta, said the Mahindra Farm Equipment Sector is part of the $16.9 billion Mahindra Group. As the market leader in India for the past 30 years, Mahindra has helped Indian farmers prosper. The company has the largest tractor sales by volume in the world, with more than 1,000 dealers worldwide and sales in more than 50 countries across six continents. Joe Harner, BAE department head, said, "This opportunity will be an impetus for off-road machinery and precision ag program in the biological and agricultural engineering department at Kansas State University," said Sharda, who is also the principle investigator on the Mahindra project. "Strong industry-institution partnerships currently ongoing in the department will provide more opportunities to our undergraduate and graduate students, stronger research capacity, and a diversely skilled pool of students for industry."

ALL-UNIVERSITY CAMPAIGN
Show your pride in K-State by contributing to the All-University Campaign. Participation is the goal! For more information on the campaign, go to http://www.found.ksu.edu/auc/index.html

THOUGHT FOR THE DAY
“Creativity is intelligence having fun.”
--Albert Einstein

LOOKING AHEAD:
Oct 21 – BAE/ATM Advisory Council meeting, 133 Seaton Hall
Oct 21 – COE Advisory Council
Oct 24-25 – Enrollment for Spring 2017
Oct 28 – Last day to drop a regular session course
Nov 3 – COE fall faculty meeting, 3:00 p.m., 1109 Engineering Hall
Nov 21-23 – Student holiday
Nov 24-25 – University holiday
Dec 9 – Fall 2016 term ends
Dec 9 – Graduate School Commencement
Dec 10 – Undergraduate Commencement
Dec 12-16 – Finals Week

Please submit your news and travel information to Barb Moore bjmoore2@ksu.edu