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Office of the President
February 21, 2012

1. UK Chandler Hospital Opens Region's First Hybrid Robotic Operating Room

The University of Kentucky is opening one of the country's largest hybrid operating rooms — the first of its kind in the region — as well as eight new, state-of-the-art, multi-purpose operating rooms, as the most recent phase of construction and expansion at the UK Albert B. Chandler Hospital is completed. The latest phase completed includes the unique hybrid operating room which combines the most advanced and high-quality imaging technology with surgical operative capabilities to create a unique operating room environment as well as: 42 bed pre-operative and post anesthesia care unit (PACU), surgical pathology area, family waiting area, anesthesia workspace and offices, staff lounges and conference room, and Central Sterile Supply.

2. CBER Releases 40th Annual Kentucky Economic Report

The Center for Business and Economic Research (CBER), which is located in the Gatton College of Business and Economics at the University of Kentucky, released its 40th annual economic report in January. The report is one of the many ways CBER, the applied economic research branch of the Gatton College, fulfills its mandated mission as specified in the Kentucky Revised Statutes to examine various aspects of the Kentucky economy. CBER performs research projects for federal, state, and local government agencies, as well as for private-sector clients nationwide.

3. UK Wins Award for Innovation in International Education

The University of Kentucky won the 2012 Andrew Heiskell Award for Innovation in International Education for the Discover Germany-Discover USA program. The Discover Germany-Discover USA program sends 20 UK students of diverse backgrounds, either minority, Appalachian or first-generation college students, to Berlin each June and brings 20-25 German immigrants or first-generation college students to UK each September. Issued by the Institute of International Education (IIE), the Andrew Heiskell Award honors initiatives in international higher education among IIE's association of more than 1,100 member institutions.

4. Collaborative Effort Creates Full Month of Black History Events for February

University of Kentucky Diversity Education & Community Building (DE&CB) students with the assistance of faculty and staff members have organized a full month of activities for the 2012 Black History Month Collaborative. This collaboration worked diligently to ensure a cohesive schedule of cultural events, lectures and more during the month of February. The goal of the

BHM Collaborative was to promote a community celebration that provokes thought through innovative educational opportunities that specifically pertain to history and culture of the African Diaspora. DE&CB aspires to provide a unified front for nationally recognized cultural awareness months, and an opportunity to cultivate new traditions and opportunities for appreciation of cultural and heritage awareness within our campus community.

5. UK Spinoffs, Affiliates Attract Half of Area's \$69.9 Million in Venture Funding

Last year, early-stage companies in the Bluegrass Region attracted \$69.9 million in venture funding according to the annual survey by the Lexington Venture Club. Companies affiliated with UK – with licenses, collaborative projects and/or University of Kentucky Commercialization and Economic Development clients – attracted nearly half of that total. These companies reported creating 109 new jobs with an average full-time salary of \$76,795, employing a total 283 people, and total revenue of \$11.7 million. The Lexington Venture Club is co-managed by Commerce Lexington and UKCED.

6. "Empowered" Campaign Encourages Campus Community to Save Energy

With the launch of Empowered every individual in the University of Kentucky community will be able to discern exactly how much energy they use every day – from an energy-efficient desk lamp to an energy-guzzling mini refrigerator. Accessible through touch-screen kiosks located around campus, a public website, and a mobile version for smartphones and tablets, Empowered is an interactive, user-friendly educational resource, featuring a web-based, real-time campus energy dashboard that measures energy consumption in residence halls, classrooms and labs, as well as offices and public spaces.

7. Student Services and SGA Co-host First Off-Campus Housing Fair

The UK Office of Off-Campus Student Services and Student Government Association sponsored their first Off-Campus Student Housing Fair Feb. 7. A highlight of the event was UK's first, recently released Off-Campus Housing Survey that measured the opinions of students about their off-campus residences. The fair offered students an opportunity to collect enough information to make a virtual visit to most of the city's apartment communities without having to go there personally.

8. KGS Celebrates Major Mapping Milestone for Kentucky

The Kentucky Geological Survey at the University of Kentucky celebrated a major achievement in the mapping of Kentucky's geology. KGS has published all 25 maps in the 30 by 60 minute geologic map series (1:100,000 scale), making them available to the public. This achievement is unparalleled by any other state, making Kentucky a leader in geologic mapping and map technology. These detailed maps show surface and subsurface rock types, formations, and structures such as faults. Geologic formations and faults control the occurrence of minerals and fuels, groundwater, and geologic hazards. A super-sized geologic map of Kentucky, 10 feet high by 23 feet wide, was unveiled in the foyer of the Mining and Mineral Resources Building on Dec. 1. KGS also announced a new mapping application available to the public. Smartphone and

tablet users can explore the geology of Kentucky in their vicinity by using this new Web-based app for mobile devices.

9. Toyota Chairman Fujio Cho Visits UK Lean Systems Program

Fujio Cho, chairman of the Toyota Motor Corporation, visited the UK College of Engineering Lean Systems Program in November to meet with the Lean Systems group and tour the facility where the program conducts its trainings. While Cho has visited the university in the past (he received an honorary doctorate in 2002), his tour marked the first time he has visited the lean program, which was developed as a university-industry partnership initiated by TMMK in 1994.

10. "Bench 2 Business" Recognizes Commercialization Achievements

UK President Eli Capilouto recognized the commercialization achievements of 90 UK faculty, clinicians, staff and students from six colleges and centers at the annual Bench 2 Business event at the new UK Hospital auditorium. This includes new patents, licenses, federal and state SBIR-STTR awards, other state grants, and private investment. B2B is sponsored by the Von Allmen Center for Entrepreneurship in UK Commercialization and Economic Development.

11. Engineering Professor's Research Featured in 'Nature Nanotechnology'

Bruce Hinds, a William Bryan Professor of Materials Engineering in the University of Kentucky College of Engineering and his team of researchers have found that ions can pump fluids thousands of times faster through carbon nanotubes than through conventional materials. Their research is currently featured in the top-tier journal "Nature Nanotechnology." The research is especially significant since it applies to the areas of drug delivery, energy storage and water purification. Specifically, it follows up on previous NIH sponsored research on the development of a smart skin patch that treats nicotine dependence. This project was awarded in 2010 by the White House Office of National Science and Technology Council's Presidential Award for Early Career Scientists and Engineers (PECASE) and included a White House visit.

12. Design's 9/11 Memorial Featured on KET

The Nov. 18 episode of "Kentucky Life" on Kentucky Educational Television featured a 9/11 memorial project from the College of Design. The college became involved with the memorial through a partnership with St. Elizabeth Healthcare in Northern Kentucky. Graduate architecture student Michael Mead and architecture junior Ben Ward, under the direction of instructor, Rives Rash, created a concrete base for the memorial which is crafted from a steel I-beam recovered from the World Trade Center towers. The memorial is on display at the hospital's hospice facility.

13. Art Presents Open Studio Event

UK Department of Art presented its popular Open Studio event Dec. 2, at Reynolds Building Number 1. As part of the festivities, eight art students were recognized as part of the Carey Ellis Juried Student Art Exhibition, which features work by graduate and undergraduate art students.

Winners of the Carey Ellis show were selected by juror Aaron McIntosh, a textile artist and assistant professor of art at James Madison University. Colleen Toutant took first place, Sarah Hahn took second, and Ming Hong took third at the show. Hong also received the Theophilia Joan Oexmann Award. Other winners included Faville Donahue, Arturo Alonzo Sandoval Fiber Award; Jiayuan "Emma" Shen, Ross Zirkle Memorial Art Studio Award; Will Doerting, NCAA Department of Art Award; and Waylon Bigsby, Kim "Kimmer" Adler Memorial Award.

14. Design Prototype Redesigns Houseboat for Energy Efficiency

The College of Design and its partners set the second prototype for the Houseboat to Energy Efficient Residences (HBEER) project in early December near Goldbug, Ky. The HBEER project was created to help design and build energy efficient, low-income residences. The project was made possible through a partnership with the Center for Applied Energy Research and sponsorship from the Kentucky Highlands Investment Corporation and the Kentucky Housing Corporation. Stardust Cruisers built the two prototypes.

15. Special Collections Unveils Anglican Prayer Books Collection

Special Collections unveiled the Abbitt-DuPriest Collection of Anglican Prayer Books as part of a dedication ceremony held Dec. 6, in the Margaret I. King Building. This collection of prayer books, dating back to 1592, is a gift to the UK Special Collections from the Rev. Travis T. DuPriest, former director of the Dekoven Retreat and Conference Center in Racine, Wis., and UK alumnus. Pieces from the collection were on exhibit to the public through the month of December.

16. Historic Preservation Students Unveil Plan for Art Spaces Trail

Historic preservation students unveiled plans for the "Northern Kentucky Historic Art Spaces Trail" on Dec. 13, at Circus Mojo, in Ludlow, Ky. Under the direction of Douglas Appler, the Helen Edwards Abell Endowed Chair in Historic Preservation, the studio identified 47 historic buildings being used as art spaces in Ludlow, Covington, Newport, Bellevue, Dayton and Fort Thomas and developed a trail of the sites to help encourage tourism and economic development in the region. The proposal was created as part of the College of Design's "River Cities" project.

17. UK Ensembles Showcased at Jazz Educators Conference

Four sections of the JEN (Jazz Educator's Network) International Conference showcased talents from the School of Music. The UK Jazz Ensemble and Miles Osland, director of Jazz Studies, presented in the college/university group and clinic categories. Professor Osland's clinic at the conference titled "Jazz Phrasing for Key and Button Pushers (and Others)" featured the UK Mega-Sax Ensemble as a demonstration group. In addition, two local jazz groups with members from UK were also featured, Bluegrass Area Jazz Ambassadors and Osland/Dailey Jazztet. The JEN Conference was presented Jan. 4-7, 2012, in Louisville, Ky.

18. Opera Theatre Students Take Top Honors at Memphis Competition

Two UK Opera Theatre students took top honors at the 2012 National Opera Association Vocal Competition, held in Memphis in January. Senior Reginald Smith Jr. took first place in the competition's scholarship division and graduate student Michael Preacely took third place in the competition's artist division. UK senior Rebecca Farley was also selected to compete in the finals. UK had three of the 18 finalists vying for the national titles. All three vocalists are students of Everett McCorvey.

19. Oral History Center Makes Earthquake Survivor and Stalking Victim Stories Available

The Louie B. Nunn Center for Oral History began making available to the public this January The Haiti Memory Project, a collection of more than 100 stories of earthquake survivors collected by Claire Antone Payton, a doctoral candidate in the Department of History and Institute of French Studies at New York University. Also, the Nunn Center and OutrageUs launched The Stalking Project, a series of videos and other resources meant to educate and put a spotlight on one of the nation's most misunderstood areas of partner violence. Working with filmmaker Walter Brock, The Stalking Project is identifying the crime through personal narratives and mini-documentaries that give voice to women who were stalked by an intimate partner, as well as the professionals who worked with them in their efforts to seek justice and safety.

20. College of Dentistry Continues to Serve Children of Kentucky Horse Farm Workers

A partnership between the UK College of Dentistry, Keeneland and the Bluegrass Farms Charities has provided dental exams and treatment to 25 children of workers from Lexington-area horse farms. As part of our mission of service, students and staff provide educational materials about oral health and the college's Twilight Clinic, which serves children on a sliding fee scale. A grant from Keeneland made it possible for these children to receive treatment at no cost to their families.

21. Faculty Awards and Achievements

Carmen Agouridis and Richard Warner, Biosystems and Agricultural Engineering, and Chris Barton, Forestry, are team members of the Commonwealth Collaborative project, "Reforestation of Surface Mined Lands in Kentucky," which was named an Exemplary Project by the Association of Public and Land-Grant Universities.

Grayson Brown, Entomology, is president of the Entomological Society of America, the largest entomological society in the world with more than 6,500 members.

Alison Davis, Agricultural Economics, was awarded \$160,000 from NY Community Trust for "Scholarships for Appalachian Students Pursuing a Career in Healthcare."

Mark L. Farman, Plant Pathology, was invited to join the Wheat Blast Consortium, a select group of U.S. and international researchers, whose goals are to prevent wheat blast disease

from becoming a major threat to U.S. wheat production and to develop improved management options for countries where the disease is already established.

Joseph L. Fink III, Pharmacy, was chosen to receive the American Pharmacists Association's 2012 Linwood F. Tice Friend of APhA-ASP Award.

Patricia Freeman, Pharmacy, was chosen to receive the 2012 American Pharmacists Association's Good Government Pharmacist-of-the-Year Award.

Said A. Ghabrial, Plant Pathology, was elected chair of the Fungal Virus Subcommittee and member of the Executive Committee of the International Committee on Taxonomy of Viruses

Ken Haynes, Entomology, has been named a Fellow of the American Association for the Advancement of Science.

Judy "JJ" Jackson, Office for Institutional Diversity, has been elected to serve as a member of Leadership Kentucky's board of directors.

Aardra Kachroo, Said A. Ghabrial and Donald Hershman, Plant Pathology, received a \$414,000 three-year grant from the United Soybean Board for research involving soybean responses to root-knot and reniform nematodes.

Peggy Piascik, Pharmacy, has been elected as President of the American Association of Colleges of Pharmacy.

Ray Smith, Plant and Soil Sciences, was awarded \$259,903 by Kentucky Forage and Grasslands Council for his project "Farm Scale Biomass Production for Electricity Generation and Community Development."

Michael Speaks, Design, authored an essay featured in the December issue of Architectural Record.

C. Jill Stowe, Agricultural Economics, is co-PI and project leader for "Growing Kentucky's Equine Economy: Establishing a Baseline with the Kentucky Equine Survey," a project that is funded by a \$300,000 grant from the Kentucky Agricultural development Fund, Governor's Office of Agricultural Policy. Other co-PIs include Mary Rossano and Robert Coleman, Animal and Food Sciences, and Holly Weimers, Equine Initiative.

William Witt, Plant and Soil Sciences, received the Award of Excellence for right-of-way research from the National Roadside Vegetation Management Association.

22. Student Awards and Achievements

Michael P. Sama, Biosystems and Agricultural Engineering, is the recipient of the 2011 Sunkist Young Designer Award for his exceptional engineering creativity and achievements that have impacted the way biological and agricultural engineers collect and aggregate data and that have greatly benefitted researchers, corporations, and consumers.

Rachel Sterrenberg, Opera, is one of three selected from the Kentucky District Auditions for the Metropolitan Opera to advance to the regional level of the Metropolitan Opera National Council Auditions to be held Feb. 4, in Memphis. The contest's Encouragement Award was also presented to two UK vocalists, Rebecca Farley and Reginald Smith Jr.

Taylor Lloyd, Agricultural Biotechnology and Biology, was selected by The Astronaut Scholarship Foundation as one of this year's 26 recipients of the prestigious \$10,000 ASF Scholarship.

23. Alumni Awards and Achievements

Dr. Bill Wathen, Dentistry, 1967, received the College of Dentistry's Distinguished Alumni Award.

Bob Wiseman, Martin School, 1984, received the Martin School's Distinguished Alumni Award.