

Office of the President  
October 27, 2009

1. UK Breaks Ground for \$18.6 Million ‘Green’ Davis Marksbury Building

University of Kentucky President Lee T. Todd, Jr., and UK donor Davis Marksbury broke ground October 6 for an \$18.6 million, environmentally-friendly building that will house the second phase of the university’s “Digital Village.” The Davis Marksbury Building, to be constructed next to the James F. Hardyman Building on Rose Street, will house the UK College of Engineering’s departments of Computer Science and Electrical and Computer Engineering, along with the UK Center for Visualization and Virtual Environments. The project is being funded by private donations, such as Marksbury’s \$6 million gift, and a match from the state’s Research Challenge Trust Fund. The building will be UK’s first to receive Leadership in Energy and Environmental Design (LEED) certification. Also participating in the groundbreaking were Secretary of the Governor’s Executive Cabinet Mary Lassiter and Lexington Mayor Jim Newberry.

2. Lexmark, UK Reach Agreement for Opportunities for New Projects

Lexmark officials and UK, led by the Office for Commercialization & Economic Development and the Office for Sponsored Projects Administration, have forged a relationship to work over the long term to create opportunities at UK for new projects in engineering and marketing. UK engineering faculty in the departments of Chemical and Materials Engineering and Electrical and Computer Engineering are already working with Lexmark researchers under the new agreement. The UK Gatton College of Business and Economics will also work on collaborative projects with Lexmark. Lexmark and the university have worked together on research projects since 1988.

3. ‘Sustainability Showcase’ Highlights UK’s Energy, Environmental Advances

After reviewing UK’s recent advances in sustainability research and teaching, business operations, and outreach and community engagement, the President’s Sustainability Advisory Committee and the Office of Facilities Management greatly expanded this fall’s Big Blue Goes Green: A Sustainability Showcase to a full two-week celebration in September. The event’s third year featured an online showcase, interactive tours, hands-on learning, and cutting-edge research. There were tours of UK’s entry in the international Solar Decathlon; visits to The Arboretum to learn about gardening, rain gardens, and invasive plants; sustainability lectures; a trip to a farm to experience organic farming research and education; an inside look at many College of Engineering projects, including UK’s solar car, Gato Del Sol III; a tour of the Cane Run Watershed; and a tour of UK’s Delta Room, the central monitoring and dispatch area for main campus.

4. Former Israeli Prime Minister Speaks at UK on Middle East Peace Issues

Former Israeli Prime Minister Ehud Olmert delivered a public lecture at the Singletary Center for the Arts on October 14 on Israel's view on prospects and preconditions for peace in the Middle East. The lecture is free and open to the public. Mr. Olmert's lecture was the first of two the university will sponsor this academic year as part of a continuing campus and community dialogue on the Middle East. In March 2010, the university will host the visit of a prominent Palestinian public figure to be announced at a later date. The goal is to inform the university and Kentucky communities and to facilitate thoughtful dialogue.

5. UK's Solar Decathlon Team Takes Green House to Washington

In preparation for the U.S. Department of Energy (DOE) Solar Decathlon competition, UK's Solar Decathlon team transported their S•KY BLUE House to Washington, D.C., in late September to participate in the national competition. The team's house competed against houses from 19 other universities worldwide at the DOE competition October 8-16, at the National Mall. At the competition, each team's house was evaluated in 10 specific areas: architecture, engineering, market viability, lighting design, communications, comfort, appliances, hot water, energy balance, and home entertainment. The team behind UK's solar house, the "Blues" Team, is an interdisciplinary group comprised of students, faculty and staff from six colleges and 16 centers and departments within UK. The team has been led by two principal investigators, Donald Colliver, professor of biosystems and agricultural engineering at the College of Agriculture, and Gregory Luhan, associate dean for research at the College of Design, as well as faculty from the College of Communications and Information Studies and College of Engineering.

6. Violent Crime Drops at UK While DUI Enforcement Leads to More Arrests

Violent crime at UK declined and DUI arrests increased from 2007 to 2008, according to UK Police statistics. The number of reported violent crimes was lower in all categories except assault. UK Interim Police Chief Joe Monroe attributes the decline to people being more diligent about their safety, especially since the 2007 incident at Virginia Tech. Alcohol-related arrests went up and down dramatically. DUI arrests jumped from 119 in 2007 to 215 in 2008, due mostly to a Kentucky Office of Highway Safety grant-funded task force that targeted impaired driving. The grant is continuing in 2009. Additionally, reports of alcohol intoxication and minors in possession of alcohol were down significantly, for which Monroe credits the UK and Lexington Police back-to-school task force efforts.

7. FDA Clears Ovarian Cancer Blood Test after Multisite Clinical Trial

A blood test that can help assess women's risk of ovarian cancer prior to surgery has been given FDA clearance, following a multisite clinical trial led by UK researcher Frederick R. Ueland, associate professor of gynecologic oncology at the College of Medicine and a gynecologic oncologist at the Markey Cancer Center. OVA1 is the first FDA-cleared laboratory test that can indicate the likelihood of ovarian cancer with high sensitivity prior to biopsy or exploratory surgery, even if radiological test results fail to indicate malignancy. The test was developed by Vermillion Inc., a molecular diagnostics company, in cooperation with Quest Diagnostics. The OVA1 test will be available for physician use later this year. The OVA1 test measures the levels of five well-established biomarkers and combines the results into a single numerical score. It is indicated for women over 18 who have an ovarian adnexal mass for which surgery is planned, but who have not yet been referred to an oncologist. The test provides a new option in the pre-operative evaluation to help physicians assess if a pelvic mass is benign or malignant in order to help determine whether to refer a woman to a gynecologic oncologist for surgery.

8. Lexington Native Named to Head Firm Developing Clinician-conceived Products

The board of Therix Medical Inc., a newly formed company that will turn UK clinicians' ideas into products to improve patient care, has hired Lexington native Jim Clifton, a 23-year veteran in new business development, as the company's chief executive officer. Clifton comes to Therix from BridgePoint Medical, a health care company for patients with orthotic and prosthetic needs. The clinician innovation program and Therix Medical, developed by the UK Office for Commercialization & Economic Development in partnership with UK cardiologist Dr. John Gurley, already has received 12 intellectual property disclosures from UK HealthCare clinicians. The new initiative was recently unveiled during a workshop featuring serial entrepreneurs Dr. Thomas Fogarty, inventor of the world's first balloon catheter that revolutionized vascular surgery overnight, and UK President Lee T. Todd, Jr., founder of two technology companies. One of Clifton's first positions after receiving his MBA was with DataBeam Corporation, founded by Dr. Todd in 1983 and later sold to Lotus, an IBM subsidiary. UK's Kentucky Technology Inc. and the Bluegrass Angels and Bluegrass Angel Venture Fund are investing in Therix.

9. Development Office Honors 244 New Fellows for Their Generosity

The UK Office of Development celebrated the spirit of giving by honoring members of the Fellows Society in late September with a recognition program for donors who give \$10,000 or more to the university. The dinner and dance honored 244 new Fellow inductees, along with 49 members of the Fellows Society who have upgraded their recognition level through increasing their donations. The event was held in conjunction with the Development Council Weekend. Since the program began in 1966, more than 8,000 donors have been named Fellows. The program honors various levels of giving: University Fellows (\$10,000 or more, individuals only); Henry Stites Barker

Fellows (\$50,000 or more); John Bryan Bowman Fellows (\$250,000 or more); James Kennedy Patterson Fellows (\$500,000 or more); and Presidential Fellows (\$1 million or more). A list of this year's Fellows is available online at <http://uknow.uky.edu/content/fellows-weekend-honors-uk-donors>.

10. Research Shows Promise as Potential New Treatment for Huntington's Disease

Groundbreaking research performed at the UK College of Medicine shows significant promise as a potential new treatment for Huntington's disease, a degenerative neurological disease for which there is currently no effective disease-modifying treatment. The research was performed in the laboratory of Don M. Gash, alumni professor and chair of the Department of Anatomy and Neurobiology, working closely with Dr. Zhiming Zhang, UK associate professor of anatomy and neurobiology. Zhang has developed a strong program in experimental neurosurgery focused on site-specific delivery of therapeutic drugs into the brain. His methodology has broad potential application for treating a number of neurological disorders. In this study, it was used to deliver a drug consisting of a gene-silencing RNA (small interfering RNA, or siRNA) directly to the central nervous system (CNS) in an experimental model. This technology, known as RNA interference or RNAi, works to decrease a toxic protein produced by the mutant huntingtin gene, which causes Huntington's disease. The success of the study is a crucial pre-clinical step to determine the feasibility of further development for human-subject trials.

11. Study Shows Business Centers Add \$88.7 Million to Client Sales

Kentucky small businesses that worked with the Kentucky Small Business Development Centers (KSBDC) in 2007 also added \$88.7 million in incremental sales to the Kentucky economy according to an independent study conducted by James Chrisman, Professor of management at Mississippi State University. The study also showed a \$10.86 return for every dollar invested in KSBDC counseling services. The KSBDC is a network of 17 service centers located throughout Kentucky that provide a variety of services to help new and existing businesses succeed. The KSBDC is part of the UK Office for Commercialization & Economic Development.

12. UK Libraries Creates Big Blue Sports Archives Endowment

UK Libraries, with help from UK Athletics and the Big Blue Nation, is using advanced technologies and archival techniques to preserve and make available to the public the Wildcats' storied history. In honor of this considerable undertaking, UK Basketball Coach John Calipari and the family of the late legendary broadcaster Claude Sullivan helped the public to celebrate the creation of the Big Blue Sports Archives Endowment October 13 at the Griffin Gate Marriott Resort. UK Archives has preserved one of the finest college sports archives in the U.S. and is home to more than 4,000 videotapes, 1,500 audiotapes, 1,500 films, 10,000 photographs, 30 scrapbooks, and 150 boxes of clippings, programs, and media guides related to UK Athletics.

13. UK Police Go Green with Purchase of Two Electric Motorcycles

The UK Police Department is going green with the acquisition of electric motorcycles. UKPD purchased two new Vectrix VX-1 vehicles this summer and trained 10 officers in the use of the 100-percent electric motorcycles that have zero emissions. Ten more officers are scheduled to be trained by the end of the fall semester. The Vectrix motorcycle has a top speed of 62 miles per hour, accelerates from 0-50 mph in 6.8 seconds, and has an average range of 35-55 miles on a single charge. Each motorcycle requires only about three hours to fully charge and costs approximately one cent per mile to operate, and the vehicles are expected to save the department nearly \$10,000 per year in fuel costs per unit.

14. Chellgren Center Names its Third Cohort of Fellows

UK's Chellgren Center for Undergraduate Excellence has announced its third cohort of 21 Chellows (short for Chellgren Fellows). The Chellgren Fellows Program is for students with exceptional academic potential and aspirations who are eager to participate in a special learning community designed to cultivate extraordinary achievement. Outstanding faculty members from across campus serve as individual mentors for the Chellows. The students are: Elizabeth Dunn, Shady El-Maraghi, Lindsey Elza, Laura Feder, Lisa Fioretti, Amber Gay, Eric Gilland, Philip Houtz, Jun Huang, Matthew Hufford, Adesuwa Ighodaro, Sidrah Khan, Andrea Lowe, Courtney Lynch, Allison McVey, Kristyn Mickley, Deepa Patel, Megan Schultz, Zachary Willand, Fei Xiong, and Alyssa Yson. The Chellgren Fellows Program was made possible by the Chellgren Center, which is an intentional collaboration among prestigious undergraduate programs at the university, such as the Discovery Seminar Program, Education Abroad, eUreKa!, the Honors Program, Intercollegiate Debate, Living-Learning Communities, and the Office of External Scholarships.

15. Solar Car Team Develops Fourth Version of 'Gato Del Sol'

The UK Solar Car Team currently is developing the fourth version of its solar battery-powered car, Gato Del Sol IV. The team, comprised of students from the College of Engineering's departments of Mechanical Engineering, Chemical and Materials Engineering, and Electrical and Computer Engineering, have partnered with private companies that are assisting with molding the new body and helping develop a new battery system. The current solar car, Gato Del Sol III, completed the 2,400-mile Great American Solar Challenge in 2008 and came in third this summer in the Formula Sun Grand Prix.

16. Parking and Transportation Services Leads Campus Effort to Cut Carbon Dioxide

UK Parking and Transportation Services (PTS) announced UK's participation in the second annual Fall Campus Commuter Challenge, a nationwide competition aimed at reducing carbon dioxide (CO<sub>2</sub>) emissions on college campuses. During October, PTS challenged all members of the campus community to help shrink UK's carbon footprint

as a part of the Fall Campus Commuter Challenge. Each member of the UK community was encouraged to use alternative transportation in their daily commute, bringing one fewer car to campus. UK competed with schools across the country to track alternative transportation use and CO2 reductions for the entire month.

17. Four Are Inducted into UK Equine Research Hall of Fame

Four scientists were inducted into the University of Kentucky Equine Research Hall of Fame October 25 at Keeneland Race Course by the Gluck Equine Research Foundation. Inductees include UK's own Peter J. Timoney, former director of UK's Gluck Equine Research Center. Douglas F. Antczak of Cornell University, I.G. (Joe) Mayhew of Massey University, and Alan J. Nixon of Cornell University joined Timoney as inductees. The four were selected for their contributions to equine science and research. Nominated by their peers and colleagues, the four individuals were selected by past Hall of Fame inductees.

18. Von Allmen Entrepreneurship Center Opens New Office in ASTeCC Building

The Von Allmen Center for Entrepreneurship, the nexus for business development at UK, has opened a new office in the Advanced Science & Technology Commercialization Center, better known as ASTeCC. UK President Lee T. Todd, Jr. recently hosted alumnus Douglas J. Von Allmen and his wife, Linda, during a visit to campus, which included presentations at both the Gatton College of Business & Economics School of Accountancy and the new business development center in ASTeCC. Executive Director Dean Harvey and commercialization specialists will now be available on the first floor of the ASTeCC building to all faculty, clinicians, staff, and student entrepreneurs who want to start a business based on their research and ideas. The Von Allmen Center is part of the UK Office for Commercialization & Economic Development and includes the UK/Lexington Innovation & Commercialization Center, a UK/state partnership. UK joins Commerce Lexington and the LFUCG in the Bluegrass Business Development Partnership.

19. College of Pharmacy Welcomes 125 New Students in White Coat Ceremony

The UK College of Pharmacy welcomed 125 new students in the Class of 2013 during a White Coat Ceremony at the UK Singletary Center for the Arts. The class includes 96 Kentucky residents from 38 counties as well as students from 12 states and two different countries. The entering class members have an average overall GPA of 3.62. In addition, 48 percent of students have completed bachelor's degrees and three have obtained master's degrees; 13 percent completed the required pre-pharmacy curriculum in two years.

20. Eighteen UK Students Serve in Teach for America in Disadvantaged Schools

Eighteen UK students were selected to serve as part of Teach for America, a national program in which outstanding college graduates commit to teach for two years in

disadvantaged urban and rural public schools. UK students selected for the program include: Jessica Amburgey, Joshua Bobbitt, Wendy Cordes, Wesley Holbrook, Christopher Adam Leedy, Kelly McIntosh, Kerry McLaren, Taylor Miller, Emily Parsley, Benjamin Phillips, Krista Rogers, Zachery Salchli, Elizabeth Schrader, Lauren Sexauer, Carmen Timmerding, Jessica Warren, Chris Wraley, and Amanda Zimny. The 2009 Teach for America corps members were placed in teaching positions at elementary or secondary schools in 35 urban and rural regions across the country served by the program. Teach for America recruited students at more than 450 college campuses and received approximately 35,000 applications in 2009. The organization selected 4,100 corps members. Students recruited by the highly selective program have an average grade point average of 3.6, and 89 percent of them have held leadership positions on campus.

21. College of Education Alum Named Chair of Accrediting Council

UK College of Education alumna Barbara Vick was elected to serve as chair of the Accreditation Commission for AdvancED at the 2009 AdvancED Board of Trustees meeting held in Alpharetta, Georgia in June. AdvancED is the parent organization of the North Central Association Commission on Accreditation and School Improvement and Southern Association of Colleges and Schools Council on Accreditation and School Improvement. Vick currently serves as assistant superintendent in the McCracken County, Kentucky Schools.

22. ROTC Cadets Honor POWs, MIAs with 29-Mile Run to Frankfort

The Annual POW/MIA Run on September 26 offered a chance for UK's Air Force and Army ROTC cadets, along with Air Force ROTC cadets from the University of Louisville, to honor the sacrifices of the nation's prisoners of war and those still missing in action. ROTC cadets and faculty ran 29 miles from the UK campus in Lexington to the Kentucky Vietnam Veterans Memorial in Frankfort.

23. College of Social Work Inducts Wilson into Hall of Fame

Patricia R. Wilson, commissioner of the Kentucky Cabinet for Health and Family Services' Department for Community Based Services, was inducted in the UK College of Social Work's Hall of Fame. The honor is presented annually to individuals who have made exceptional contributions to the field of social work.

24. PGA Grant Helps College of Education Hold Two Golf Events

With the help of a grant received from the Professional Golfers Association of America on behalf of UK alumnus and Ryder Cup player J.B. Holmes, the UK College of Education held a Play Golf America University Program Golf Expo on the UK Campus October 6 and a Collegiate Golf Association National Collegiate Golf Championship qualifying tournament October 17. The interactive expo promoted golf to players of all levels and included free mini-lessons by PGA professionals, skills challenges, contests, hitting stations, and prizes.

25. UK Opera Alumna Wins Role on USA Network's 'Royal Pains'

UK Opera Theatre alumna Reshma Shetty was cast as Divya Katdare, a leading character on the new USA Network television series "Royal Pains." The show, which finished its first season this summer, will return for a second season.

26. Judge Joe Lee Is Honored with Medallion for Intellectual Achievement

UK Libraries' Medallion for Intellectual Achievement was presented to Judge Joe Lee, a United States Bankruptcy Court judge in the Eastern District of Kentucky since 1961. The award recognizes individuals who are known for high intellectual achievement while encouraging education and promoting creativity throughout the Commonwealth. The award can be given to a person or group of persons. The award was presented at the UK Libraries Annual Dinner held this summer.

27. Student Awards and Achievements

Richard Hoagland, Art Studio, took first place honors at this year's "University Open," a juried competition between undergraduate fine arts students at Kentucky colleges and universities. This year's competition featured work from 38 student artists. Hoagland received first place honors for his series of digital prints titled "Ralph Juxtaposed" and received a \$500 cash prize. The artists participating in this year's exhibit represented 16 public and private colleges in the state and their work was on exhibit from April to June at Lexington's Downtown Arts Center. Hoagland was one of eight artists from UK's Department of Art selected for the exhibition, others included in the show were Laurie Appleby-Williams, Elizabeth Givens, Amanda Hamilton, Donald Keefe, Rory Maguire, Emma McClellan, and Beth Walter.

Jennifer Price, Martin School of Public Policy and Administration, received the Best Master's Paper (Pi Alpha Alpha) Award by the National Association of Schools of Public Affairs and Administration (NASPAA). Price, who received her master's degree from the Martin School in May, is the ninth Martin School student to win this award since 1995, with Martin School students winning the award in 1996, 2000, 2001, 2003, 2004, 2005, and 2009. No other school has had more than five winners. Price is currently at the Social Security Administration in Baltimore having won a prestigious Presidential Management Fellowship this spring.

28. Faculty and Staff Awards and Achievements

Ernest Bailey, Veterinary Science, was awarded \$28,125 from the Morris Animal Foundation for "Continuation of SNP Gene Mapping Projects."

Grayson Brown, Entomology, has been elected vice president-elect of the Entomological Society of America, an organization with more than 5,700 members. Brown will serve as president of the society in 2012. He is the fourth member of the Entomology Department to serve as president of this scientific organization.



Linda Brown, Livestock Disease Diagnostic Center, received the LDDC Directors Distinguished Service Award.

Debra Cotterill and Lora Lee Howard, Family and Consumer Sciences Extension agents from Mason and Clay counties, respectively, received the National Extension Association of Family and Consumer Sciences Continued Excellence Award.

Stephanie Derifield, Hazel Jackson, and Jane Proctor, Family and Consumer Sciences Extension agents from Lawrence, Rockcastle, and Trimble counties, respectively, received the National Extension Association of Family and Consumer Sciences Distinguished Service Award.

Stacey Greenwell, UK Libraries Information Commons, received the 2009 NextGen Librarian Award for Leadership from Lyrasis, a library network formed in 2009 after the merger of well-established library groups PALINET and SOLINET.

Judy Hetterman, Owen County Family and Consumer Sciences Extension agent, was elected treasurer of the National Extension Association of Family and Consumer Sciences.

Chuck Issel, Maxwell H. Gluck Equine Research Center, was awarded \$347,500 per year for "Equine Infectious Anemia Virus Envelope Variation and Vaccine Efficacy," a multi-year project funded by the National Institutes of Health.

Cliff Jackson, Music, has been named 2009 Coach of the Year by the magazine *Classical Singer*.

Mikael D. Jones, Pharmacy Practice and Science, College of Pharmacy, has been selected as the recipient of the American College of Clinical Pharmacy's (ACCP) 2010 New Educator Award. The annual award recognizes an ACCP member, who in less than six years since completing their training, has made outstanding contributions to the discipline of teaching and to the education of health care practitioners.

Gail A. Kennedy, Lucille Caudill Little Fine Arts Library and Learning Center, was elected vice-president/president-elect of the Library Leadership and Management Association (LLAMA), a division of the American Library Association (ALA) with more than 4,000 members. LLAMA's mission is to encourage and nurture current and future library leaders and to develop and promote outstanding leadership and management practices. Kennedy began her term as vice-president/president-elect of LLAMA in July 2009, at the close of the ALA Annual Conference in Chicago.

Janet S. Kurzynske, Family and Consumer Sciences, received two grants from Cooperative State Research Education and Extension. The first, a \$170,000 grant, is for a program component in the Children, Youth and Families Education and Research Network. A \$140,000 grant is for "Promoting Life Skills in Middle School Youth."

Michael J. Lacki, Forestry, received a \$51,000 grant from the Kentucky Department of Fish and Wildlife Resources to identify the critical summer habitat needs of Kentucky's Rafinesque's big-eared bats, a species of concern throughout the eastern United States. There is a strong sentiment among bat biologists and land managers that the species is in decline and needs expanded conservation protection.

Nicole Lewis, Educational Policy Studies and Evaluation, participated in the 2009 Research Methods for Critical Analysis of Quantitative Data Institute held in early July by the Association for the Study of Higher Education.

James MacLeod, Maxwell H. Gluck Equine Research Center and UK Equine Initiative, is principal investigator on two grants totaling more than \$1.1 million over

three years. The first, from the National Science Foundation, in support of his and a team of collaborators' computational work on the mRNA transcriptome, will be used to develop computer-based analytical methods to study gene expression. The second grant, a fellowship totaling \$100,000, was awarded by the Morris Animal Foundation to provide stipend support for graduate student Jennifer Janes and her project on equine cervical stenosis, commonly known as Wobbler Syndrome. Collaborators are Neil Williams, associate director of UK Livestock Disease and Diagnostic Center, and veterinarians Steve Reed and Katie Garrett at Rood & Riddle Equine Hospital in Lexington.

Tammy Stephenson, Nutrition and Food Science, received the North American Colleges and Teachers of Agriculture Teacher Fellow Award.

Laura Sutton, University Press of Kentucky (UPK), has been selected for the Whiting Week-in-Residence Program presented by the Professional Development Committee of the Association of American University Presses (AAUP).

Kristine Urschel, Animal and Food Sciences, was awarded a First Award Grant for Young Investigators from the Morris Animal foundation. The two-year grant totaling \$100,000 will examine maintaining muscle mass in older horses and will be overseen by David Horohov of the Maxwell H. Gluck Equine Research Center.

Ann Vail, Human Environmental Sciences, is principal investigator of a \$566,400 grant from Cooperative State Research Education and Extension for work in Health Education Leadership in Kentucky.

Eric Vanzant, Animal and Food Sciences, is principal investigator and Craig Carter, Livestock Disease Diagnostic Center, is co-principal investigator on a \$906,841 grant from the Department of Homeland Security through the Kentucky National Institute for Hometown Security for Animal Health Sensing and Surveillance.