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Office of the President
September 9, 2016

1. College of Health Sciences, Jockeys' Guild Unveil Concussion Management Pilot Study

The University of Kentucky and the Jockeys' Guild have announced a three-year pilot study, supported by a broad cross-section of Thoroughbred organizations, that is designed to evolve into the first comprehensive concussion management protocol for jockeys. Carl Mattacola, the director of the Graduate Athletic Training Program and a professor in the College of Health Sciences, will oversee the study at all of Kentucky's Thoroughbred racetracks: Turfway Park, Keeneland Race Course, Churchill Downs, Ellis Park and Kentucky Downs.

2. UK Receives \$4.6 Million in Funding as Part of National Quality Health Initiative

UK is partnering with the Indiana University School of Medicine in a \$4.6 million grant-funded initiative with the aim of improving health care while lowering costs. UK will receive \$4.6 million in funding to lead the Kentucky arm of a four-state quality improvement effort funded by the Centers for Medicare and Medicaid Services in the U.S. Department of Health and Human Services. The Great Lakes Practice Transformation Network trains and deploys "quality improvement advisors" to transform the way over 10 million patients are cared for by more than 15,500 medical professionals throughout Indiana, Illinois, Michigan, Ohio and Kentucky. The network is a collaboration among nearly three dozen university and state-connected partners designed to reduce unnecessary visits and testing, while potentially saving \$1 billion. This network will provide technical assistance to equip approximately 1,875 Kentucky clinicians with tools, information, and network support needed to improve quality of care, increase patients' access to information, and spend health care dollars more wisely.

3. UK Wins NSF Grant to Launch Kentucky Research Data Center

Research that informs evidence-based policy is in heightened need in this era of fiscal austerity and economic and demographic change. To help meet that need, UK announced in July the establishment of the Kentucky Research Data Center (KRDC). UK is the only university in the East Central region of the country to be home to a National Science Foundation-funded Federal Statistical Research Data Center. James Ziliak, Gatton Endowed Chair in Microeconomics and director of the UK Center for Poverty Research, will serve as executive director of KRDC.

4. CDAR Leads Research Investigating Progressive Therapies to Treat Opioid Addiction

Research studies underway at the UK Center on Drug and Alcohol Research (CDAR) are transforming how opioid therapies are administered to patients to reduce risks and negative outcomes associated with the standard forms of opioid maintenance therapies. With a team of international authorities in the field of substance abuse treatment, the CDAR serves as a lead

research site for projects investigating progressive and effective medication delivery systems. Drs. Michelle Lofwall and Sharon Walsh have collaborated with major pharmaceutical developers to test novel delivery systems for opioid therapies. The clinical trials conducted at CDAR have demonstrated the efficacy, safety and, in some cases, potential for superiority of new therapeutic delivery systems when compared to standard prescriptions in the form of sublingual tablets.

5. CAER Part of \$317 Million Venture to Accelerate Fabric and Fiber Innovation

The UK Center for Applied Energy Research (CAER) has been selected to participate in a five-year, \$317 million public-private partnership announced in April by U.S. Secretary of Defense Ashton Carter. The partnership, named the Advanced Functional Fabrics of America Institute is the latest Manufacturing Innovation Institute and is designed to accelerate innovation in high-tech, U.S.-based manufacturing involving fibers and textiles. Matt Weisenberger, associate director of CAER's materials group, will be leading the UK efforts. The partnership includes 32 universities, 16 industry members, 72 manufacturing entities, and 26 startup incubators, spread across 27 states and Puerto Rico.

6. Grains Center of Excellence to Strengthen Kentucky Agriculture

The Kentucky Agricultural Development Board awarded the UK College of Agriculture, Food and Environment a \$15 million grant in July to renovate and expand the UK Research and Education Center in Princeton, with particular emphasis on grain crops and forages. The university will match the award. Thanks to the funding, the UK Grains Center of Excellence will help advance Kentucky agriculture for decades.

7. UK HealthCare's PATHways Clinic Helps Pregnant Women Recover from Addiction

UK HealthCare's PATHways, a comprehensive opioid maintenance treatment program, is helping pregnant women recover from addiction at the Polk-Dalton Clinic. PATHways achieves multiple objectives for women in recovery by treating the medical condition of opioid addiction, delivering specialized prenatal care, and giving women the skills and knowledge to fulfill their maternal roles once their babies arrive. The program, directed by Dr. Agatha Critchfield, was born out of necessity to serve a large population of prenatal patients coming to UK with substance abuse disorders.

8. UK to Launch Energy Conservation Program with Cenergistic

To reduce energy costs and conserve natural resources, UK is launching an energy conservation program through a partnership with Cenergistic, a leading energy conservation company. Cenergistic's energy management program has collectively saved more than \$4 billion for their partners. The program does not require purchasing new energy equipment or upgrading existing equipment. Instead, Cenergistic engineers will work on-site with operations staff to pinpoint opportunities, and energy specialists will monitor energy usage in campus facilities. The goal of the program is to provide a comfortable environment while realizing energy efficiencies and reducing expenses for years to come.

9. New Drone Policy on UK Campus to Ensure Safety, Compliance

A new university policy regarding drones or unmanned aircraft systems was adopted in June. The use of drones for recreation or by hobbyists is now prohibited on campus and drone use requests for research or instructional purposes must be registered and approved by UK's event management office. One of the chief concerns about drone use has been the proximity of any campus flight to a heliport located at UK HealthCare's Chandler Hospital as well as Commonwealth Stadium. Federal Aviation Administration regulations generally restrict flights of unmanned aircraft systems near airports.

10. Researchers Partner with Bourbon Distillery to Convert Waste into Useful Products

The UK Center for Applied Energy Research has partnered with Wilderness Trail Distillery in Danville, Kentucky, to convert stillage, a by-product left over during the bourbon production process, into materials that can be used in batteries, capacitors and water filtration systems. Bourbon stillage contains water and grain, and is often used as cattle feed in its solid state. But CAER Associate Director Steve Lipka and his team have discovered multiple new uses for its liquid portion. Through a process called hydrothermal carbonization, the team learned that stillage can be transformed into a solid material made up of tiny, uniformly-sized particles, also known as green material.

11. UK Superfund Center Finds Potential Link Between Pollutants and Human Disease Risk

Michael Petriello, a postdoctoral fellow working with UK Superfund Research Center faculty Bernhard Hennig, director of the UK SRC, and Andrew Morris, of UK HealthCare's Division of Cardiovascular Medicine with a joint appointment at the Lexington VA Medical Center, recently discovered a mechanism in lab models that may link exposure to environmental pollutants to increased human disease risk. The UK Superfund Research Center group is now working with researchers at the Centers for Disease Control and Prevention to see if the relationship between exposure to environmental pollutants and circulating trimethylamine N-oxide levels observed in the lab also happens in people.

12. Four Research Teams to Evaluate New Ways to Strengthen Health Care Delivery

Four new research studies managed by the Systems for Action National Coordinating Center at UK aim to improve health across entire communities by integrating the delivery and financing of medical care, public health and social services. As part of the new Systems for Action: Systems and Services Research to Build a Culture of Health Research Program, the Robert Wood Johnson Foundation has announced \$1 million in funding to support studies led by the Los Angeles County Department of Public Health, Drexel University, Michigan State University and the University of Delaware. The Systems for Action National Coordinating Center, housed at the UK College of Public Health, will manage these studies as part of its national portfolio of research focused on systems and services research.

13. Research Links Ankle Injury to Health Problems Later in Life

Research from the UK College of Health Sciences indicates an ankle injury might have a larger effect on long-term health. Phillip Gribble, an associate professor in the Department of Rehabilitation Sciences, and his team surveyed more than 3,600 adults to ask about previous ankle injury and current health status. They were surprised to see indications that people with injured ankles tend to have higher rates of health issues later in life. Gribble, who cautioned that the study doesn't prove cause and effect, said the findings suggest that ankle fractures and sprains should be taken more seriously.

14. Study Links Tobacco Microbials, Carcinogens

UK researchers have found a link between changes in microbial communities on tobacco leaves and the development of carcinogens during the curing process. A team of researchers led by Luke Moe, UK associate professor, found that the microbial community on the tobacco leaf changes during the air-curing process, especially during high heat and high humidity. Under these conditions, microbes that convert nitrate to nitrite appear to increase. Nitrate to nitrite conversion is key in forming carcinogenic tobacco-specific nitrosamines, referred to as TSNAs.

15. UK Study Suggests Dementia Diagnosis Could Have a Silver Lining

Results from a UK study of patients with a diagnosis of mild cognitive impairment or early dementia indicates that their outlook isn't as dark as expected. A group of scientists from UK's Sanders-Brown Center on Aging asked 48 men and women with early dementia or mild cognitive impairment a series of questions about their quality of life and personal outlook post-diagnosis. Called the Silver Lining Questionnaire, the instrument measures the extent to which people believe their illness has had a positive benefit in areas such as: improved personal relationships, greater appreciation for life, positive influence on others, personal inner strength and changes in life philosophy. Researchers were surprised to find that almost half of respondents reported positive scores.

16. World's Largest Math Proof Produced at 200 Terabytes

The world's largest mathematical proof — at a massive 200 terabytes — has been produced and a longstanding math mystery has been solved by UK Professor Victor Marek and collaborators. The proof is roughly equivalent to all the digitized text held by the U.S. Library of Congress. The team, including Marek, Marijn J. H. Heule of The University of Texas at Austin, and Oliver Kullmann of Swansea University in Wales, was working to solve the boolean Pythagorean Triples problem.

17. Gill Heart Institute Earns American Heart Association Award

The Gill Heart Institute has been recognized by the American Heart Association for their high quality treatment of STEMI, or ST Segment Elevation Myocardial Infarction, heart attack patients with a 2016 Mission: Lifeline® Receiving Center BRONZE Recognition Award. The AHA requires award recipients to adhere to rigorous standards including time to treatment of 90 minutes

or less, administration of certain medications to reduce the chance of another heart attack, and other counseling such as smoking cessation.

18. KNI Stroke Center Receives High Designation from American Heart Association

UK HealthCare's Kentucky Neuroscience Institute (KNI) has received the "Get With The Guidelines - Stroke Gold-Plus Quality Achievement Award" by the American Heart Association/American Stroke Association for maintaining nationally recognized standards for the treatment of stroke patients. KNI also received the association's Target: Stroke Honor Roll Elite for meeting stroke quality measures that reduce the time between hospital arrival and treatment with the clot-buster tPA, the only drug approved by the U.S. Food and Drug Administration to treat ischemic stroke.

19. Four-legged Gill Staffer Helps Patients Walk Back to Health

Carmine, an English Labrador Retriever, serves as a therapy dog at the Gill Heart Institute, helping cardiovascular patients to get moving as soon as possible after their treatment. He is one of the few unit-specific therapy dogs in the United States. Gill is one of just a handful of centers in the country that walks patients on ECMO (extracorporeal membrane oxygenation) – an extremely complicated and invasive form of life support often used for patients awaiting heart and/or lung transplants. Carmine often provides the incentive patients need to get up and go.

20. UK ASTeCC Startup to Establish Headquarters, Create 23 Jobs in Lexington

A startup company that was incubated at the UK Advanced Science and Technology Commercialization Center (ASTeCC) will establish its headquarters and create 23 jobs in Lexington. Hera BioLabs Inc. provides genetically specialized products and services for scientists and pharmaceutical researchers.

21. Marshall County Gets UK Dental Clinic

The new UK Dentistry West Regional Clinic opened in early June. The general dentistry clinic is located in the Marshall County Health Department in Benton, Kentucky. The Marshall County Health Department dedicated the wing of the dental clinic to former Marshall County Judge-Executive Mike Miller to honor his memory for his dedication to improving the oral health of Marshall County residents.

22. The Medical Center at Bowling Green Joins Markey Affiliate Network

The Medical Center at Bowling Green has become a member of the UK Markey Cancer Center Affiliate Network. The Medical Center is the regional referral center for cancer care in Southcentral Kentucky with nearly 1,000 cancer cases diagnosed at the hospital annually. The Medical Center provides the area's only radiation oncology program through the Cancer Treatment Center. By becoming a UK Markey Cancer Center Affiliate Network member, the medical center will now be able to offer patients access to additional specialty and subspecialty physicians and

care, including clinical trials and advanced technology, while allowing them to stay in their region for most treatments.

23. UK Hosts Minority High School Students Interested in Health Care

A group of students from Lexington's Bryan Station High School (BSHS) had the opportunity during the past year to examine gross specimens in a pathology lab, tour hospital testing laboratories, attend medical lectures and even take part in an intensive care unit simulation training, among other activities that are part of the curriculum for University of Kentucky medical students. Four BSHS students were chosen by their school educators to participate in a health sciences mentoring program for economically disadvantaged but ambitious African-American students. The program was developed by UK undergraduate student Kevin Landwehr under the mentorship of assistant professor and Gill Heart Institute faculty member Dr. Michael Winkler, with support from the Department of Cardiovascular Medicine.

24. Novel Intervention at UK Helps Adolescents Dealing with Substance Abuse

In Kentucky rates of tobacco use, binge drinking and use of other drugs use by adolescents, are higher than the national average. A UK program called Adolescent Health and Recovery Treatment and Training is working to help those adolescents during health and recovery from substance abuse by connecting them with someone who has been in their shoes. The Youth Peer Support Specialists, part of the spectrum of treatment provided, allow patients to talk to someone with "lived experience" through the recovery process. Support specialists provide first-hand experience with both substance abuse and ongoing recovery. This level of rapport is often unmatched by any other relationship they have encountered on their recovery journey. Supporters have all undergone rigorous training from the state of Kentucky and are certified to work with patients on a one-on-one basis. They receive careful supervision and are in close contact with the clinician caring for the adolescent. Their main objective is to "bridge the gap from the clinic to the community."

25. Human Development Institute, Facilities Management Mapping Accessibility on Campus

A group of UK students and staff, led by UK Human Development Institute Disability Program specialist Anna Bard, set out on a mission last year to map accessibility on campus so that everyone — no matter how they're navigating — can have the information they need to get around campus efficiently. In the fall 2016 semester, UK Facilities Management's Facilities Information Services will unveil the new interactive campus map that includes accessibility attributes and can route an appropriate path depending on a user's needs.

26. UK Law Gives High School Students Inside Look at Legal Education

A diverse group of 18 high school students, representing all of Lexington's public high schools and Sayre School, came to the UK College of Law in July for the third annual Summer Law Institute — a seven-day residential law camp for rising juniors and seniors interested in law and the legal profession. Law Camp, co-hosted by the UK College of Law and the Fayette County Bar Association, consists of four days of classes, one day of job shadowing, and a day of oral argument

presentations. The classes, taught by UK law professors Allison Connelly, Mary Davis and Melissa Henke, covered the fundamentals of trial procedure, the judicial system, and criminal and civil law.

27. Grant Enables UK Student to Help Homeless Teens

As a UK freshman last academic year, Beau Revlett won a \$1,500 grant from Clinton Global Initiative to cultivate a vegetable garden for homeless teenagers at the Arbor Youth Services' Metro Alternative Shelter House, or "MASH House." He resurrected a garden that had laid fallow for years near the house. The garden is not only providing vegetables for the adolescents, but also friendship. The experience has also led Beau to becoming more involved at Arbor Youth Services, accepting a position on its board of directors.

28. UK Student's Diagnosis Leads to Life of Service, Presidential Recognition

After being diagnosed with epilepsy at 11 years old, UK integrated strategic communication sophomore Jessica Waters founded her own nonprofit, "Cupcakes for Camp." She volunteered more than 4,300 hours and raised more than \$15,000 to send children with epilepsy to specially-designed summer camps. This summer, she was honored for her service with the Stars of Service Award from the Corporation for National and Community Service and the President's Volunteer Service Award Gold Medal at a ceremony in Washington, D.C.

29. Computer Science Student Brings Wearable Technology to the OR

UK computer science student Zack Anderson built software allowing Google Glass technology to livestream vital signs for doctors at the Anne Arundel Medical Center in Maryland. The goal was to reduce the distraction surgeons and anesthesiologists must often face as they deal with many aspects of an operation. Applying wearable technology to glasses allows them to keep their eyes on the patient and monitor vitals at the same time. The technology was deployed for surgery for the first time in May, with Anderson in the operating room.

30. UK Launching New Curriculum Management System

UK is transitioning from the current eCATS curriculum system to a new online curriculum management system, Curriculog. This transition will be effective for fall semester 2016. Curriculog includes a transparent course approval process, which allows professors who propose new courses and other interested users to track the progress of proposals as they move through the process. It also includes other features such as committee agendas, user-specific dashboards and various reports.

31. UK Receives \$1 Million Grant to Connect Children in Appalachia to Health Insurance

The UK Center of Excellence in Rural Health is one of 38 community organizations to receive funding from the Centers for Medicare and Medicaid Services to help enroll eligible children in Medicaid and the Children's Health Insurance Program (CHIP) as part of the Connecting Kids to Coverage campaign. These awards, provided by the bipartisan Medical Access and CHIP

Reauthorization Act legislation, are designed to build on the historic progress already made in increasing the number of children who have health coverage. The award will support targeted strategies to enroll eligible children who do not have health coverage, including application assistance and targeted outreach for children and parents in 40 counties of the rural, mountainous, Appalachian region of the state.

32. Markey Cancer Center Launching New Undergraduate Training Program

The UK Markey Cancer Center has received nearly \$200,000 in funding for a new two-year training program designed to prepare UK undergraduate students from Appalachian Kentucky to pursue cancer-focused careers. Led by Markey Director Dr. Mark Evers and Markey Assistant Director for Research Nathan Vanderford, the two-year program will provide its students with research and clinical experience at the state-of-the-art facilities of the cancer center and the UK College of Medicine. Students will also participate in outreach activities to educate the residents of Appalachian Kentucky communities, who are plagued by disproportionately high cancer incidence and mortality rates, on cancer screening and prevention strategies.

33. CDC Grant Awarded to the Kentucky Injury Prevention and Research Center

The Kentucky Injury Prevention and Research Center (KIPRC) based at the UK College of Public Health has received nearly \$400,000 in funding to implement evidence-based programs to evaluate violence and injury related fatalities in Kentucky. Senate Majority Leader Mitch McConnell contacted the Centers for Disease Control and Prevention, which approved the federal competitive grant, on behalf of his constituents at KIPRC. KIPRC is a partnership between the Kentucky Department for Public Health and the University of Kentucky's College of Public Health.

34. UK Joins TriNetX Network

The university has signed a membership agreement to join the TriNetX network, a leader in international clinical research networks, in order to optimize clinical trial design and advance clinical research for UK programs. Pharmaceutical researchers will gain access to UK's clinical data in real time through TriNetX's proprietary network of health care institutions representing more than 37 million patients in the U.S. and Europe to support clinical study and protocol design, site selection, and patient recruitment across a range of therapeutic areas and development stages. UK will leverage the TriNetX network to drive more industry-sponsored clinical trials into its organization, enable UK researchers to discover patients for investigator-initiated studies and collaborate with other provider research organizations.

35. UK Archaeologists Protect, Restore Precious Artifacts Found in Mammoth Cave During Extensive Underground Renovations

George Crothers, a UK expert in prehistoric archaeology, and Steve Ahler, director of UK's Program for Archaeological Research, were invited two years ago to take part in the National Park Service's ambitious \$5.5 million renovation, refurbishment and preservation program of cave trails — the largest in-cave construction project Mammoth Cave has seen since it became a national park. It was their responsibility to monitor the digging and recover any historic or prehistoric

artifacts that the construction work might uncover. A treasure trove of more than 200 historical artifacts, some as much as 200 years old, have been recovered, documented and preserved; most of those objects were restored for public view in situ along the public Historic Tour trail.

36. PNC Becomes Official Bank of the University of Kentucky

PNC Bank N.A., a member of The PNC Financial Services Group (NYSE: PNC), and JMI Sports announced that PNC will become the official bank of the University of Kentucky. Expanding its longstanding relationship with UK, under the new 15-year agreement PNC will provide student and workplace banking, as well as financial literacy programs, for more than 50,000 UK students, faculty and staff. JMI Sports is the campus multimedia rights partner for the University of Kentucky.

37. Actor Steve Zahn Helps Raise Funds for UK Art Museum

Actor Steve Zahn, known for his roles in "Dallas Buyers Club," "Modern Family" and the upcoming "War for the Planet of the Apes," talked about his life and career in a June 23 fundraiser for the UK Art Museum.

38. Faculty and Staff Achievements

Akinbode Adedeji (College of Agriculture, Food and Environment) was selected as fellow of the Carnegie African Diaspora Program.

John Jay Allen (College of Arts and Sciences) has been made a corresponding member of the Spanish Royal Academy of the Language (Real Academia Española de la Lengua), one of the highest academic honors in the Spanish-speaking world.

Albertina Antognini (College of Law) was selected to participate in the 17th annual Yale/Stanford/Harvard Junior Faculty Forum.

Carey Cavanaugh (Patterson School of Diplomacy and International Commerce) has been awarded a fellowship at Cambridge University's Clare College.

Jakub Famulski (College of Arts and Sciences) has been awarded a Career Starter Grant by the Knights Templar Eye Foundation.

Fran Feltner (College of Medicine) has received the 2016 Paul Mason Memorial Award, presented by the Kentucky Public Health Association for her work benefitting Kentucky's indigent and uninsured.

Jeff Huber (College of Communication and Information) has been appointed to the Journal of the Medical Library Association's senior editors team.

Terry Lennie (College of Nursing) has been inducted into the International Nurse Researcher Hall of Fame by the Honor Society of Nursing, Sigma Theta Tau International.

Madhu Menon (College of Arts and Sciences) has been awarded a \$50,000 Short Term Innovative Research grant from the U.S. Army Research Office.

Rachel Miller (UK HealthCare) is one of 13 recipients of this year's National Cancer Institute Cancer Clinical Investigator Team Leadership Award.

Lloyd Murdock (College of Agriculture, Food and Environment) received the Service to American/World Agriculture Award from the National Association of County Agricultural Agents.

Valerie Perry (UK Libraries) has been named a Special Libraries Association Fellow.

Tim Phillips (College of Agriculture, Food and Environment) has developed a new tall fescue variety that is nontoxic to grazing animals.

Jim Ridolfo (College of Arts and Sciences) was awarded the Computers and Composition Distinguished Book Award for his and co-author William Hart-Davidson's book "Rhetoric and the Digital Humanities."

Karen Skaff (College of Health Sciences) won the Alfred C. Fones Award from the American Dental Hygienists Association.

William Stoops (College of Medicine) has been appointed editor of Experimental and Clinical Psychopharmacology.

David Timoney (Registrar's Office) is serving as president of the Ad Astra Information Systems™ Client Advisory Board in 2016.

Kenneth Troske (Gatton College of Business and Economics) has been appointed to serve as a member of the newly established Commission on Evidence-Based Policymaking, part of the executive branch of the federal government.

Robert Ullery (College of Medicine) was named the winner of the National Athletic Trainers' Association's 2016 Athletic Trainer Service Award.

Nathan Vanderford (Markey Cancer Center) was featured in the July 22 issue of Science, one of the world's most prestigious research journals.

Kathy Wheeler (College of Nursing) was named a Distinguished Public Policy Fellow by the National Academies of Practices.

James Scott Wheeler (University Press of Kentucky) was honored by the Army Historical Foundation for his work, "Jacob L. Devers: A General's Life."

Renbin Yan (College of Arts and Sciences) was part of the international team that uncovered a new class of galaxies, called "red geysers," with supermassive black hole winds so hot and energetic that stars can't form.

Chana Akins (College of Arts and Sciences), DeShana Collett (College of Health Sciences), Melinda Ickes (College of Education), Huajing Maske (International Center) and Seungahn Nah (College of Communication and Information) were among 41 fellows who recently completed the third Bluegrass Academic Leadership Academy.

Kathryn Cardarelli and Nancy Schoenberg (College of Public Health) recently joined the 2016-2017 class of fellows for the Hedwig van Ameringen Executive Leadership in Academic Medicine Program at Drexel University College of Medicine.

Richard Ehrenborg, Heide Gluesing-Luerssen, Margaret Readdy, Zhongwei Shen and Martha Yip (College of Arts and Sciences) received Simons Foundation Collaboration Grants for Mathematics.

39. Student Achievements

Daniel Ball (Cultural Anthropology, of Stockton, California) received a Fulbright U.S. Student Program scholarship for research and graduate study in Sri Lanka.

Alexis Eugene (Chemistry) has been awarded the NASA Earth and Space Science Fellowship.

Meredith Helline (Journalism, of Louisville) won the Best in Show award in the College TV category and first place in the Best News Story TV category at the Kentucky Associated Press Broadcasters Awards.

Casey Parker-Bell (Journalism, of Lexington) won first place in the Best College Newscast category at the Kentucky Associated Press Broadcasters Awards.

Katka Showers-Curtis (Linguistic theory and Typology, of Beloit, Wisconsin) received a Fulbright U.S. Student Program scholarship for graduate study in the Slovak Republic.

Katie Terrell (Education, of Nashville, Tennessee) has been named the 2016 Paul Kevin Burberry Award winner by the UK Human Development Institute.

Alonna Wright (Agricultural Biotechnology, of Morgantown, Kentucky) recently received the Alltech Young Scientist award.

Shauna Rust (International Studies) and Amaris Wade (Foreign Language and International Economics) have been awarded the National Security Education Program's David L. Boren Scholarship for up to \$20,000 toward the study of Russian and Chinese languages abroad.

Alexa Wingate, Caitlin Schwartz and Lillie Ruschell (Journalism) won the Best Public Affairs Radio division award at the Kentucky Associated Press Broadcasters Awards.

The UK Honors Program selected 10 first-year students as recipients of the T.W. Lewis Scholarship: Caroline Ackerman (Human Health Sciences), Peter Briggs (Mechanical Engineering), Halley Burge (Architecture), Andrew Calvert (English), Kelsey Cole (undeclared), Alyssa Dyer (Art Studio), Elyssa Slusher (Political Science), Mahala Walker (Biology), Noah Welch (History), and Megan Yorkey (Animal Sciences).

Ninety-one UK student-athletes earned a spot on the Southeastern Conference First-Year Academic Honor Roll.

40. Alumni Achievements

Christine Ann Elder (1989) has been appointed the new United States Ambassador to the West African nation of Liberia.

Emily Furnish (Music Performance and Chemistry, 2016) received a Fulbright U.S. Student Program scholarship to teach in South Korea.

Shelia Key (Pharmacy, 1991), a pharmacist in Pineville, Kentucky, received a 2016 UK Alumni Association Distinguished Service Award.

Malinda Massey (English and Secondary English Education, 2016) received a Fulbright U.S. Student Program scholarship to teach in Germany.

Will Nash (Economics and Political Science, 2006), director in the account management group for the Education Advisory Board, received the UK Alumni Association's 2016 Joseph T. Burch Young Alumni Award.

Gabriel Pike (Anthropology, 2015) received a Fulbright U.S. Student Program scholarship to teach in Taiwan.

John Ryan (Finance, 1992; MBA 1995), vice president of Stock Yards Bank in Louisville, received a 2016 UK Alumni Association Distinguished Service Award.

Barbara R. Sanders (Physical Therapy, 1972; Educational and Counseling Psychology, 1976), chairwoman of the Department of Physical Therapy and associate dean of the College of Health Professions at Texas State University-San Marcos, received a 2016 UK Alumni Association Distinguished Service Award.

Katelyn Wiard (Business Administration, 2014) received a Fulbright U.S. Student Program scholarship for study in Mexico.