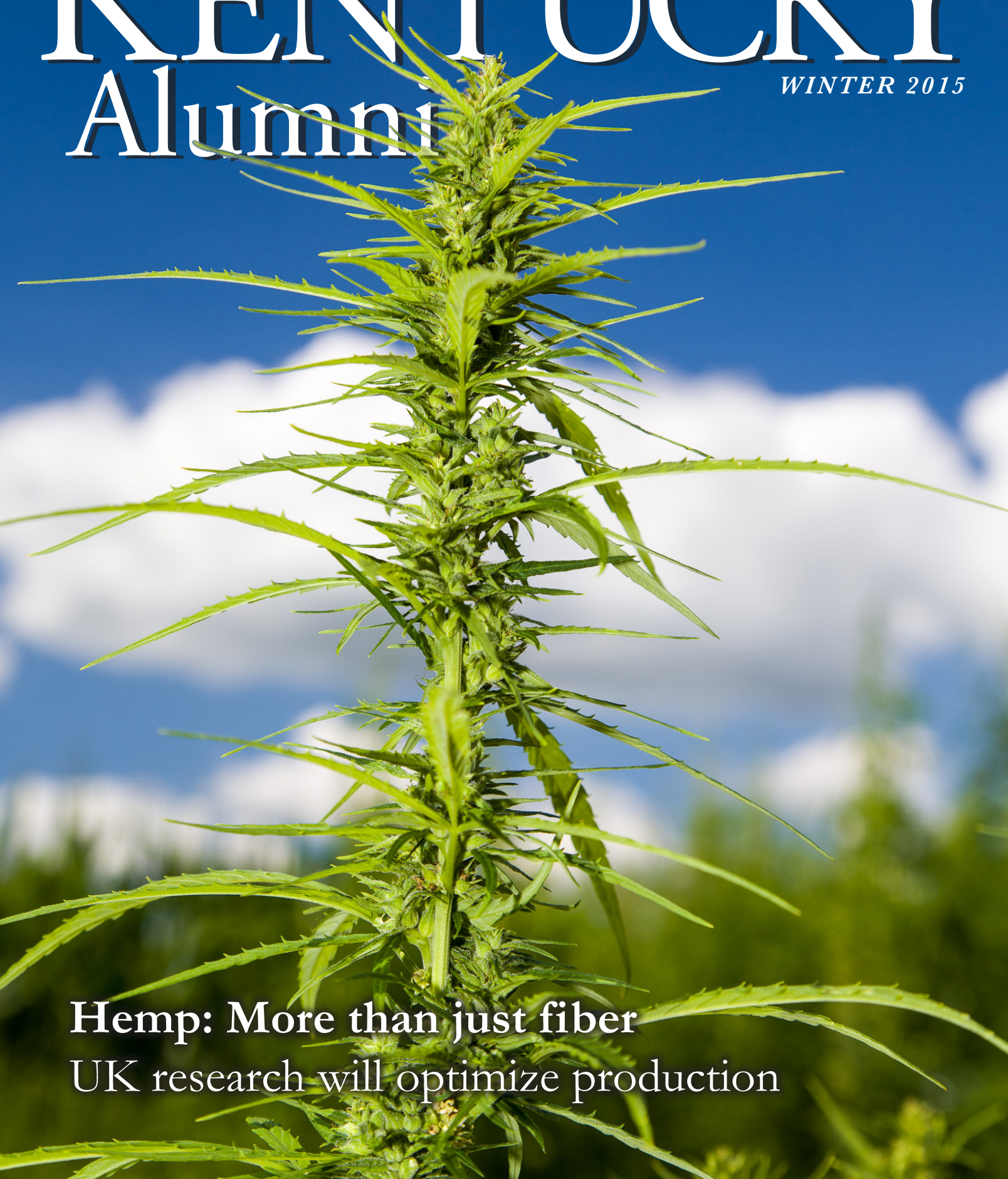


University of Kentucky Alumni Association

KENTUCKY

Alumni

WINTER 2015



Hemp: More than just fiber
UK research will optimize production



Hannah Ellis

'12 Integrated
Strategic
Communication



Scott Safford

'95, LAW '97
Safford Motley PLC
Attorneys at Law

In high school I realized that music was what I wanted to do with my life. Coming from a family full of musicians made life a lot of fun. My parents were so passionate about music and developed that passion in me.

I don't think I even applied to any other school - not going to UK was not an option.

My degree really is something that I utilize as a musician; I know how to market myself as an artist. I have the business background to help me with my music career.

My professors and advisor took a genuine interest in my passion for music. They supported my success.

My lawyer, Scott Safford, is a UK graduate, too. In Nashville, when you find another UK graduate, you want to work with them! Scott and I immediately bonded, sharing our campus experiences and pride for our Wildcats! When you're away from home, you want a couple of Wildcats in your corner to "see blue." with you.

The University of Kentucky is like a big family, cheering you along every step of the way.

Now I live in Nashville and I'm getting ready to sign my first publishing deal.

"It's awesome to have the champions I have from the University of Kentucky to share this journey with me."



♡ Hannah



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KENTUCKY

Alumni

Winter 2015 • Volume 86 • Number 4

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UK is in its second year of hemp cultivation, with plots growing at the Spindletop Research Farm.

Photo: UK College of Agriculture, Food and Environment

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By Linda Perry



Photo: Steve Patton, Agricultural Communications Services

UK hemp fields



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After a distinguished career in law, James C. Blair helped scores of students through his anonymous philanthropy.

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With medicinal cannabinoid testing, Pritesh Kumar '09 AS and his company advise clients on issues to maintain a QA system to ensure compliance.

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By Linda Perry

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Go ahead! Use us. You've paid for your membership, so take advantage of all the benefits and services available to you.

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Alumni Association

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Slow down, relax and read Kentucky Alumni magazine!

It's with great pride that we bring you the 2015 winter issue of Kentucky Alumni magazine.

It's that time of year again when there seems to be a million things going on, tons of stuff to do, and

we're generally just plain busy. It's all part of the season, I guess. During all the hectic activities going on, I hope you will take a few minutes to slow down and enjoy this issue of Kentucky Alumni magazine. Trust me — you'll be glad you did.

There are plenty of differing thoughts on hemp. What about hemp research? Our cover story is about the University of Kentucky College of Agriculture, Food and Environment's industrial hemp research. Now in its second year, the current hemp projects are moving along under the guidance of the Kentucky Department of Agriculture. So, what exactly are the projects? UK's research projects include comparing the fiber quality of three varieties of hemp. The varieties will be compared to each other, as well as flax and kenaf, other fiber plants. The project will look at two harvest methods and three harvest timings when the plants are at different maturities. Other research includes two separate hemp variety trials for fiber and grain production, herbicide tolerance trial for hemp used for grain production and a row spacing trial geared toward fiber production. Specific projects are conducted in conjunction with researchers at Murray State University, Western Kentucky University and Eastern Kentucky University. I find this all very fascinating. You'll be fascinated, too.

We introduce you to Pritesh Kumar, a 2009 biology grad and founder and CEO of PhytoSciences Inc., a firm that hopes to help lead the new wave of medicinal cannabinoid testing, research and development in the

United States. He started PhytoSciences in 2014 with co-founders and fellow UK Department of Biology graduates Brad Biggs '10 AS and Mark Hamann '09 AS. The longtime friends, who met at UK, felt the timing was right to focus their combined skills on what they loved: natural pharmaceutical research.

Also in this issue, meet two-time Oscar winner Henry "Bub" Asman. He won Academy Awards for Best Achievement in Sound Editing — both for Clint Eastwood movies. The first was "Letters from Iwo Jima" and the second was for "American Sniper." How cool is that? The story got me thinking about all the Clint Eastwood movies I have watched. I can't decide on a favorite. How about you? I know I will be watching a couple again and paying extra attention to the sound.

There are many cool things about UK. We share a few of the facts that make us proud to be alumni — perfect to use during a "meet and greet."

We love our members! So much of what we do — programs and services that benefit the university, students and alumni — simply would not be possible without your loyalty and support. We want to make sure you are getting the full value out of your membership. Be sure to check out Pages 32 and 33 for information about our Wildcat Loyalty Rewards program. There are great benefits to being a member.

I hope you enjoy this issue of Kentucky Alumni magazine as much as I enjoy sharing it with you. As always, your feedback is welcome.

With Pride in Blue,

Kelli Elam '11
Editor



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Charting our future

In October, the UK Board of Trustees gathered for its annual retreat. It was an opportunity to consider and endorse our next strategic plan and celebrate benchmark moments for the University of Kentucky. Paraphrasing Kentucky Senate President Robert Stivers, the milestones we reached were not about buildings or who and where we are today; it's about tomorrow and how our priorities usher in a bright future for our students and the Commonwealth we serve.

On the first morning of our retreat, surrounded by faculty, staff, students, alumni and friends, our campus family was honored by the generosity of a successful and dedicated alumnus. We announced the largest, single private gift in the history of the institution: \$23 million from Tom and Jan Lewis, through the T.W. Lewis Family Foundation, to establish the future Lewis Honors College.

The Lewis' transformative gift is an investment in our faculty who inspire student scholars; and our staff who support — in myriad ways — success across our campus. It is an investment in — and profound commitment to — the promise of our students and future graduates who will positively impact the communities they touch.

In Tom Lewis' inspiring words, it will help our students "reach and maximize their potential."

On the second day of our retreat, joined by state and local leaders, we broke ground on a new \$265 million multidisciplinary research building. The facility will bring together a talented cadre of clinicians, basic science researchers, translational scholars, statisticians, behaviorists and scores of other experts to confront the complex questions of our day.

The primary business of the retreat was for our board to consider and endorse the 2015-2020 Strategic Plan. They heard from the faculty and staff experts who will lead the implementation phase of the plan that we shared with campus last May, as well as national experts who provided context for our plan.

It was a data-rich conversation about the multifaceted mission of our university. The dialogue underscored commitment to our objectives and action steps; the specific ways we plan to measure progress; and the ambitious path we plan to forge for the future. Following that dialogue, the board strongly endorsed five strategic objectives and the related strategies and metrics for our plan:

- Undergraduate Student Success
- Graduate Education
- Diversity and Inclusivity
- Research and Scholarship
- Community Engagement

To learn more about these strategic objectives and related metrics, please visit www.uky.edu/strategicplan.

We were able to celebrate these milestones because of the members of our community, past and present. While it was an extraordinary effort to reach this point, our hard work continues in order to meet our bold goals. The alumni family shares an equally important role in our progress, and I look forward to walking this journey with you.

We are emboldened by our shared progress, but it will take a collective effort by the entire UK family as we write the next great chapter in the history of the University of Kentucky. I share the faith of our partners in progress, our donors and our advocates. Together, we will carry forward on our vision for this place and mission as Kentucky's flagship and land-grant research university.

Sincerely,



Eli Capilouto
President



In October President Capilouto, joined by state and university leaders, broke ground on a new research building.



Dean Donna Arnett

Donna Arnett named dean of College of Public Health

Donna Arnett, associate dean at the University of Alabama-Birmingham (UAB) School of Public Health and former president of the American Heart Association, has been named dean of the UK College of Public Health.

A native of Kentucky, Arnett sees her new role as an opportunity to address health disparities relevant to the region, including cancer and drug abuse. She aims to strengthen the college's relationships with state and regional health agencies and expand the college's portfolio of National Institutes of Health-funded research.

"A big focus of mine will be bringing public health, medicine and other health related colleges closer together in terms of building population health," Arnett said. "We're building health for the Commonwealth, and it fits very well with President's Capilouto's vision of the 'University for Kentucky.'"

An NIH-funded researcher for 20 years, Arnett studies genes related to hypertensive disorders and the target organ damage from hypertension. She has published more than 450 peer-reviewed papers and two books. She currently holds three NIH grants for research on genes that determine a physiological response to a high fat diet and the cholesterol-controlling drug fenofibrate and hypertension-induced left ventricular hypertrophy.

After obtaining her bachelor's degree in nursing, Arnett achieved a master's degree in public health from the University of South Florida. She received her doctorate in epidemiology at the University of North Carolina – Chapel Hill, where she also completed an American Heart Association postdoctoral fellowship from 1992 to 1994. She was promoted to full professor of epidemiology during her tenure at the University of Minnesota. ■

New shared-use path connects commuters to campus, city

UK has now opened a new shared-use path at The Arboretum, State Botanical Garden of Kentucky, connecting bicyclists and pedestrians from south Lexington neighborhoods to campus and downtown.

Located on the western edge of The Arboretum Woods, the path links Shady Lane to University Court, providing a safe and efficient connection for dozens of commuters cycling and walking along this corridor daily.

"UK is undergoing a dramatic physical transformation, including the redevelopment and improvement of our parking and transportation infrastructure. We're taking a holistic approach to provide a diverse range of safe options for our campus and surrounding community," said UK President Eli Capilouto. The shared-use path allows

those commuters to travel through The Arboretum Woods to campus and then downtown along an established network of dedicated bicycle facilities, with safe crossings of busy intersections and without having to negotiate the walking paths in The Arboretum. The Lexington-Fayette Urban County Government, a founding partner of The Arboretum, instituted new way-finding and safety-related pavement markings and signage to guide cyclists between the Bellefonte route and the new shared-use path, along with a new pedestrian crosswalk where the path intersects with Shady Lane.

An improvement was made to the connection from University Drive to Hiltonia via the Baptist Health campus. Baptist Health was a key partner for this aspect of the project. ■



Photo: UK Public Relations & Marketing

College of Medicine welcomes students with white coats

The UK College of Medicine welcomed the Class of 2019 at the UK Singletary Center for the Arts during the presentation of white coats, symbolizing the commitment to clinical service, care and professionalism.

"The white coat is an important symbol of the medical profession," said Dr. Charles H. Griffith III, senior associate dean for Medical Education, who delivered the keynote address. The Class of 2019 includes 137 medical students, 99 of whom are Kentuckians and 54 are from rural and Appalachian counties. The class is 42 percent women. ■



Photo: UK Public Relations & Marketing

Largest single gift in UK history focuses on enhancing student experience, Honors

Further underscoring the commitment to create the best possible academic experience for students, UK President Eli Capilouto has announced the single largest gift in UK's history — \$23 million to create one of the country's leading Honors programs. The gift, from UK alum and long-time donor Thomas W. Lewis and his wife Jan, of Paradise Valley, Arizona, will establish an Honors College at the University of Kentucky. The establishment of a new college will be subject to faculty review and endorsement through the University Senate next year.

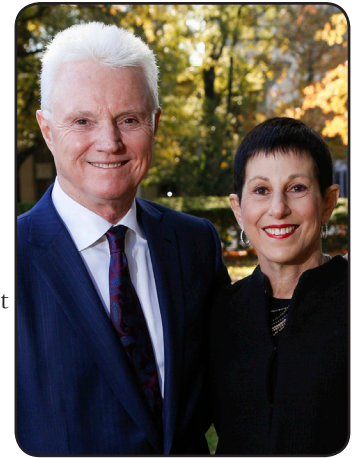
"Tom Lewis is investing in, and helping enhance, a vision we have to be the finest residential, public research university in America," Capilouto said. "This incredible gift will help us open the doors of UK even wider — not simply to students with outstanding academic achievement, but also those with different backgrounds, identities, perspectives and financial means, who will benefit enormously from the focused and excellent educational experience offered by an Honors College that will be among the finest in the country."

"This gift is our way of helping University of Kentucky honors students reach their full potential as leaders who will create, shape and influence people, ideas and discoveries for this and generations yet to come," said Lewis.

Lewis, a native of Lexington and a 1971 engineering graduate of UK, is a seventh generation Kentuckian, tracing his direct ancestry back to Squire Boone, the father of legendary frontiersman Daniel Boone. After UK, Lewis attended the University of North Carolina at Chapel Hill where he earned an M.B.A.

He entered the home building business after graduate school and over the next 18 years was employed by a series of large firms where he gained practical experience at all work levels. In 1991, he began his own business, T.W. Lewis Co., in Phoenix, Arizona, which became one of the nation's most successful home building enterprises, receiving numerous awards including America's Best Builder, the National Housing Quality Silver and Gold Awards and America's Best Design Center Award.

In the last five years, at the direction of Capilouto and the UK Board of Trustees, participation in the university's Honors Program has nearly doubled, growing from 750 students to 1,400, part of an effort to enhance the undergraduate educational experience, while also improving retention and graduation rates. ■



Tom and Jan Lewis

Photo: UK Public Relations & Marketing

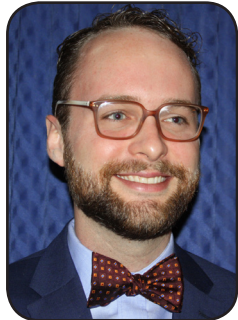
UK establishes first LGBTQ* Resources Office

The UK Office of Institutional Diversity has established its first Office of LGBTQ* Resources to create a more inclusive environment for the lesbian, gay, bisexual, transgender and queer members of the campus community. One of the office's first events is a trans* speaker's visit to campus to address her transition process and current activist focus.

The new UK Office of LGBTQ* Resources, led by Lance Poston, intends to grow its outreach to reliably serve all the LGBTQ* individuals on campus and to function as a communication and educational hub for the entire community in sustainable and organized ways.

The acronym LGBTQ* stands for lesbian, gay, bisexual, transgender and queer, broad terms to describe the individuals who are a part of this community. However, everyone in the community does not identify solely with these five words. The asterisk has become a commonplace way to reflect that gender identities and sexual orientations exist beyond the acronym and that the university is open and affirming to everyone. ■

Photo: UK Public Relations & Marketing



Lance Poston

UK opens state-of-the-'Art' academic creative space

The term "state-of-the-art" takes on double meaning when referencing UK's newest academic facility, the Art and Visual Studies Building. After more than 40 years in what was originally meant to be temporary space, the students, faculty and staff in the UK School of Art and Visual Studies have a new cutting-edge facility to call home. Opening of the \$15 million, more than 100,000 square-foot building marks the culmination of a four-year acquisition and renovation process.

In the last several years, due to significant structural problems and limitations on teaching summer months in the aging former Reynolds Tobacco Co. Warehouse, the College of Fine Arts and the university began looking for a solution that would not only meet the needs of the institution's art students, faculty and staff, but would also save money in necessary renovations to Reynolds Building No. 1. UK proposed and was given state approval to purchase and convert the University Lofts property on Bolivar Street for the school.

The new facility features not only traditional artist studios and instructional spaces, but several other amenities, including five digital media labs, a multipurpose 3D fabrication lab, photography suite, ceramics facility, print media shop, wood shop, and drawing, painting and foundation design workshops. The building has 4,818 square feet of dedicated and multi-functional gallery space, including a 2,666-square-foot front gallery, more than 1,000 square feet of additional exhibition space on an adjacent hallway and a black box theater room for intermedia work. ■



The printmaking studio is outfitted with special ventilation systems to help remove toxins released from inks the students and faculty use.

Photo: UK Public Relations & Marketing

CAST YOUR VOTE

for your alumni representative to the
UK Board Of Trustees

The election of a new alumni representative to the University of Kentucky Board of Trustees will be held in December. As a graduate of the university, your vote is important. Your opinion is valued.

VOTING IS EASY



Watch for your ballot, which will be distributed by email only.



You may go to www.ukalumni.net/Update or call 800-269-2586 to confirm or update your email address in order to receive a ballot. Graduates who do not have an email address may call 800-269-2586 to request that a printed ballot be mailed.

This is an opportunity to participate in the university's governance through the election of a graduate to serve as an Alumni Trustee on the university's Board of Trustees. Of the 18 seats on the UK Board of Trustees, three are elected by UK graduates. They are currently Terry Mobley of Lexington (through June 30, 2016), Kelly Sullivan Holland of Lexington (through June 30, 2018) and Cammie Deshields Grant of Winchester (through June 30, 2020).

Please vote in the Alumni Trustee election when you receive your online ballot. The names of three graduates receiving the highest number of votes will be submitted to the governor of Kentucky, who will appoint one of the three to fill the six-year term to begin July 1, 2016.

UK study shows prescription drug law's effectiveness

Since Kentucky's landmark prescription drug abuse legislation took effect in 2012, the Commonwealth has seen a significant decline in the number of prescriptions for the most commonly abused medications, doctor shopping has decreased by more than 50 percent and more Kentuckians are seeking treatment for prescription medication addiction. These findings, among others, are part of a yearlong study conducted by researchers at the UK College of Pharmacy Institute for Pharmaceutical Outcomes and Policy and compiled in a report to the Cabinet for Health and Family Services.

The study specifically researched and analyzed the impact of state law known as House Bill 1, which included multiple strategies to prevent the abuse and diversion of prescription drugs; expanded Kentucky All Schedule Prescription Electronic Reporting (KASPER), Kentucky's prescription monitoring system; and required that pain management facilities be owned by a licensed physician. The bill mandated that practitioners and pharmacists register with the KASPER system in an effort to reduce the number of patients receiving similar prescriptions from multiple doctors.

According to the study, since House Bill 1 was implemented:

- More individuals are seeking office-based addiction treatment.
- The number of patients "doctor shopping" declined by 52 percent.
- 24 nonphysician-owned pain management facilities have ceased operation.
- The number of opioid prescriptions to doctor-shopping individuals dropped by 54 percent.
- 5 million KASPER reports were requested in 2014.
- Each weekday, providers request more than 20,000 KASPER reports.
- For the first time in six years, Kentucky overdose deaths declined in 2013. ■

UK research reveals potential environmental harm of nanomaterials

Nanomaterials are a common component in many industrial and consumer products. A team of international researchers, led by UK scientists, have found that these tiny metal-containing particles may be more toxic to plants and microorganisms than other forms of metals. The group of scientists led by Jason Unrine, an assistant professor in the UK College of Agriculture, Food and Environment, studied biosolids from a simulated wastewater treatment system containing the nanomaterials silver, titanium dioxide and zinc oxide and examined their effects on plants and microorganisms. Their findings were presented in two papers recently published in the academic journal *Environmental Science and Technology*.

Nanomaterials from common consumer products like sunscreens, cosmetics and textiles end up in wastewater treatment facilities where they are removed from drinking water and reside with sewage sludge. Further processing at the plant turns this sludge into biosolids. About half of the biosolids produced in the United States and parts of Europe are used as soil amendments on agricultural and other lands and have been for many decades. Biosolids can provide needed nutrients and organic

matter to the soil. In the United States, the U.S. Environmental Protection Agency regulates biosolids used as fertilizers.

Until recently, these nanomaterials have not been present in biosolids. The researchers wondered whether current EPA regulations for metals would be protective when biosolids contained metal-based nanomaterials.

Unrine, along with fellow UK researchers Jonathan Judy and Dave McNear Jr., studied the effects of the biosolids on legumes, soil microorganisms and nitrogen-fixing bacteria. They found that the biosolids with nanomaterials prevented the colonization of plants by nitrogen-fixing bacteria and changed the composition of microorganisms in the soil. As a result, the plants had stunted growth and took up far more zinc compared to biosolids containing typical forms of the metals.

A study led by UKAg scientists Olga Tsyusko and Chun Chen studied the molecular mechanisms behind the adverse effects on the plants and their nitrogen-fixing bacteria. Their portion of the study found dramatic differences in expression of genes in the plants receiving biosolids containing nanoparticles compared to those receiving normal biosolids. They believe some differences were likely caused

by the increased zinc uptake.

Unrine said that the study demonstrates that current regulations for biosolids may not be protective for nanomaterials, although current predicted concentrations of nanomaterials in biosolids are far below regulatory limits, and more work needs to be done to confirm these findings.

Collaborators included researchers in the United Kingdom who aged biosolids sent to UK for analysis. A research team at Carnegie Mellon University also examined the chemical form of metals in the soil.

The research project was funded by the EPA and the United Kingdom Natural Environment Research Council. ■



Compiled from news reports about research at UK.

For more information about research taking place at UK, visit www.research.uky.edu



James C. Blair '51 made a difference in many lives...

*After a distinguished career in law,
UK grad helped scores of students
through his anonymous philanthropy*

[Editor's note: Sadly, we report that James C. Blair '51 LAW passed away on July 1, 2015. We offer the following as a tribute to his life and impact on his community and alma mater.]

"I never met anyone quite like Jim Blair," observes Mike Richey '73 '79 AFE, UK vice president for Development. "With a degree from the UK College of Law, he launched a stellar career as an attorney and partner in one of the largest law firms in the Southeast, and then later became a partner in one of the country's leading international law firms in New York. He successfully arbitrated high-profile cases, and his achievements made him one of the most distinguished graduates of the University of Kentucky."

Richey continues, "But what impressed me most about Jim was not his many personal and professional accomplishments, but his incredible dedication to helping Kentucky students achieve their dream for a college education. Jim attended UK on the GI Bill, and he knew firsthand the difference that tuition assistance could make in a young person's life."

"Over the past several years, he anonymously provided scholarships at UK amounting to well over a million dollars for students from Adair County where he retired in 1987. And through his estate plan, he strengthened the endowment for these scholarships to continue in perpetuity at the university."

"Jim's Kentucky roots went deep. And his farsighted vision for his community and its youth will impact the Commonwealth for generations of students to come."

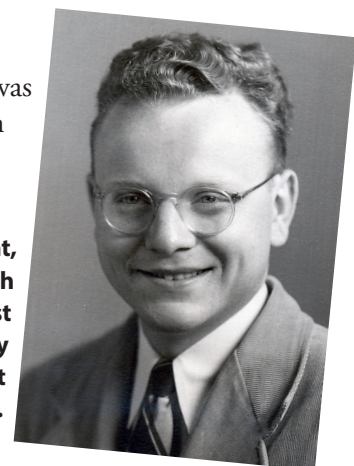
Exceptional scholar

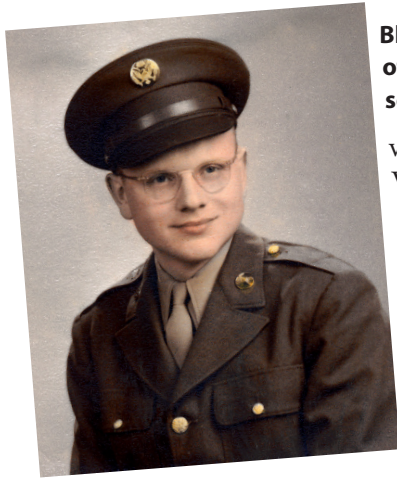
James Clifton Blair was born and reared in Akron, Ohio. His father had located there from Adair County and was employed by Firestone Tire and Rubber Co.

Blair attended the public schools of Akron where his academic and speaking abilities first emerged. He was valedictorian of his 300-member class at Akron Garfield High. He was chosen as the representative from his high school of 1,800 students to the 1943 American Legion annual Buckeye Boys State. And in 1944, he was selected to represent his high school by writing and delivering a radio address in support of a school bond issue.

After graduation, he entered the U.S. Army in October 1945. He was deployed to Germany where, as an Army instructor, he taught basic radio theory and was in charge of

Blair was an outstanding student, becoming valedictorian of his high school class and earning the highest academic average ever achieved by a student at the UK College of Law at the time of his graduation.





Blair attended the University of Kentucky on the GI Bill after serving in the Army.

various relay terminal and VHF radio stations.

He was honorably discharged from the Army in March 1947, and that same month, he entered the University of Kentucky College of Arts & Sciences and began his prelaw studies. By June 1948, he had earned 94

semester hours with a high grade point average and was initiated into Phi Eta Sigma, a scholastic honor society.

He transferred to the College of Law and continued to display exceptional scholarship. He was appointed to the editorial board of the Kentucky Law Journal in February 1949 at the end of his first semester in law school. In September 1950, he was appointed associate editor, and in January 1951, he became editor.

Blair was also a member of Omicron Delta Kappa, a national leadership honor society, and Kappa Alpha Order, a social fraternity, which he served as president during his senior year.

In a document preserved from Blair's student days, the dean of the College of Law, Elvis J. Stahr Jr. '36 AS, commented on what he referred to as "Blair's outstanding distinction in extraordinary legal scholarship." The dean noted, "Blair's is the highest academic average ever achieved by a student in the College of Law at the University of Kentucky."

Consequently, he was the first member of his class to be honored with election to the Order of the Coif, an honor society for law students graduating in the top 10 percent of their class. He received the Bachelor of Laws degree in 1951.

Distinguished attorney

After graduation from UK, Blair interviewed at law firms in New York, New York; Washington; Atlanta, Georgia; and Birmingham, Alabama. With a desire to live in the South, he accepted a position in July 1951 with the highly-regarded Birmingham firm of White Bradley Arant All & Rose (a predecessor of Bradley Arant Boult Cummings LLP).

For the next nine and a half years, he remained with this firm first as an associate, and then as a partner. His work included various aspects of corporate and contract law, public utility rate proceedings, commercial litigation and business acquisitions. Blair conducted settlement and other negotiations, and prepared and presented litigated cases. For a number of years, he represented a national contractor involved in government jobs throughout the country.

In December 1960, Blair decided to follow his interest in business. He resigned his partnership with the law firm and moved to New York where he entered Columbia University Graduate School of Business. He majored in international business and earned an MBA in one year. He graduated at the top of his class in 1962, receiving the Alpha Kappa Psi Scholarship Medallion, which was awarded to the student completing the MBA program with the highest academic distinction.

Blair began pursuing opportunities in business, but his former senior partner in the Birmingham firm contacted the New York law firm of Cleary Gottlieb Steen & Hamilton and said that Blair was one of the best lawyers he

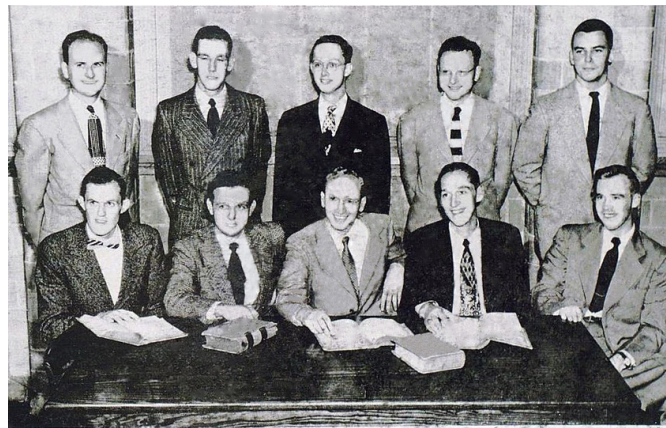
had ever known. Further, he asserted that the law needed attorneys like Blair, and he thought Cleary Gottlieb Steen & Hamilton was the sort of firm with which Blair should be affiliated.

Blair joined the firm in March 1962 and became a partner less than two years later. In his work, he showed ability to adapt himself to new fields and to consistently produce successful outcomes. He was admired by his col-

leagues for his dedication and ingenuity. His effectiveness as a litigator resulted in his working in more complex and difficult cases.

The most notable case involved Pan American Airways and the destruction of a Boeing 747 airplane by the Popular Front for the Liberation of Palestine in Cairo, Egypt, in 1970. Blair was the principal advocate in major litigations in a suit by Pan Am against a number of insurance companies to recover the value of the aircraft. The amount involved was unusually large, and Blair won the case for his client when it was tried in District Court.

Blair spent 25 years with the firm and retired in 1987. At a retirement tribute, his colleague, Lyman M. Tondel Jr., hailed Blair for his versatility in handling almost any type of legal



Blair, top row, second from right, was appointed to the editorial board of the Kentucky Law Journal in 1949, becoming its editor in January 1951.

Blair's father, Paul Clifton Blair, center, attended Student Army Training Corps at UK for six weeks in 1918.

problem and for his ability to quickly master the relevant laws in unfamiliar fields. Tondel also observed, "He is tremendously loyal, devoted to his friends and notably kindhearted. His professional and ethical standards are extremely high. We have all learned from him."

Blair served on the New York State Bar Ethics Committee from 1979 until his retirement, including three years as chairman.

Once, when Blair was asked how he attained his notable success as an attorney, he responded, "Mostly hard work." Then with a chuckle he added, "I always wanted to be a lawyer, and I just can't stand to lose."

Naturalized Kentuckian

After spending 25 years as a resident of New York, Blair decided to retire in rural Kentucky. In an interview in 2012, he explained why. "When I was a boy, I spent three summers with my grandparents in Adair County. They lived out in the country. My third summer with them, I remember they got electricity and a refrigerator, and they no longer had to bring up the milk and butter from the spring.

"When I was in New York, thinking about retiring," he

continued, "I wanted to go to a small town somewhere and become a part of the community. My family had been in Adair County for five generations, and having relatives there made my decision and my entrée into the community easier. Many people think I'm from Adair County, anyway."

Blair at first located in Columbia, and later bought land in the surrounding countryside. Eventually, he designed a house and had it built on a hilltop overlooking a scenic area outside of town.

From the time he retired, he became involved in the community. And when he saw needs, he responded to them.

- He provided the major funding necessary to equip and maintain an adequate emergency rescue squad for the county.
- He was the primary benefactor behind the creation of the Jim Blair Community Recreation Center/Columbia-Adair County Senior & Wellness Center.
- He gave 10 acres of land for the construction of the Adair Animal Shelter facility.
- He gifted 15 acres of land for a state juvenile detention center which brought 75 new jobs and additional business to the county.
- He served on the board of trustees of Lindsey Wilson College and bequeathed his home to this Adair County institution.
- He gave \$10,000 annually for 20 years to the local Family Resource Center to provide vital assistance for Adair County public school students and their families.
- He gave \$5,000 annually for 20 years to send local children to 4H camp who could not afford to go otherwise.
- He gave \$5,000 annually for 10 years to the local public library for new books to offset state budget cuts.

"My principal reason for the Adair County Scholarship is to help young people from this area of Kentucky achieve what my father valued but regretted he never obtained — a college education."



As significant as these contributions were, Blair's largest gifts were the scholarships he provided for the young people of Adair County who were pursuing a college education at the University of Kentucky.

Extraordinary philanthropist

"Jim never wanted to call attention to himself with his generosity," shares Remona Edenfield '03 AS, the UK gift officer who worked with Blair to establish his major scholarship program at the university. "That's why we began with the name, Adair County Scholarship, for his philanthropy.

"This provided him anonymity, and the scholarship enabled him to fulfill his desire to help deserving students from his community. He knew that without his assistance, many wouldn't be able to pursue higher education."

Blair once explained to Edenfield his motivation for helping local youth. "My father grew up in Adair County," Blair said. "As a teenager, he decided he would go to high school, and no one else in the family had ever attended high school. He moved into town, roomed with another student and worked his way through high school in a pressing shop."

Blair continued, "He was never able to attend college, but his goal in life was that my brother and I would both earn a college degree. My principal reason for the Adair County Scholarship is to help young people from this area of Kentucky achieve what my father valued but regretted he never obtained — a college education. Scholarships for local students would have been very pleasing to him."

Over the past decade, Blair provided substantial scholarships each year for 20 deserving students from Adair County attending the University of Kentucky. His goal was to help five incoming freshman students every fall semester and continue sponsoring them until the completion of their undergraduate studies. At any given point in time, his plan was to provide scholarships for five freshmen, five sophomores, five juniors and five seniors.

All students receiving the scholarships entered the university through the usual admissions process and qualified for financial assistance through UK's official scholarship awarding procedures.

Blair's 1951 UK transcript marked his graduation "with high distinction."



The impact of Blair's philanthropy is felt throughout the Adair County community.

All totaled, Blair provided scholarships for 69 students at the university, amounting to \$1,604,072 (as of the current 2015-2016 academic year). And through a bequest, he funded the James C. Blair Adair County Scholarship Fund, bringing its principal to nearly \$7 million.

Richey comments, "It's amazing to consider the impact that Jim's philanthropy has had in recent years on all these students from his community attending the University of Kentucky. It's even more amazing to consider that through

his estate plan, Jim will continue providing scholarships for 20 Adair County students at UK every year for perpetuity.

"In essence, the same good work that Jim did in his lifetime will continue through his generous and carefully planned bequest. And I marvel to think of the future impact these scholarship recipients will have upon the Commonwealth and nation in their respective careers."

Edenfield adds, "I was privileged to work with Jim over several years to help him accomplish his philanthropic goals. Without a doubt, he was dedicated to strengthening his community — whether he was providing college scholarships for bright young students

or sponsoring needed services for senior citizens and others in Adair County. He spent the last several years of his life giving away his accumulated wealth, and his community will forever be the better for it.

"He made a difference — in many ways and in many lives. And beneath his stoic exterior was a very caring and generous individual." ■

Content supplied by the UK Office of Development.

Office of the Registrar		UNIVERSITY OF KENTUCKY		Lexington, Ky.		
Name <u>JAMES CLIFTON BLAIR</u>		Parent <u>MR. PAUL C. BLAIR</u>		Entered—3—		
Address <u>AKRON, OHIO</u>		Address <u>Same</u>		College—44		
358 Catawba				Date of Birth—		
				Place of Birth—		
				Church—Met		
				Parent's Occu—		
Dept. and No.	Title	Quarter			Dept. and No.	Title
		Crs.	Gr.	Pts.		
	1946-47 III Qtr					
Orient A	Orienta	1	A	3	Law 161ab	1949-50 I Sem
Eng 1a	Eng Comp	3	B	6	Law 123	Constitu Law I-II
P S 10a	Amer Civ 1607-1865	5	A	15	Law 124	Negotiable Instrum
Geog 3a	Societies Around the Wld	5	A	15	Law 121a	Evidence
P S 8b	Eur Civ sin 1815	5	A	15	Law 121a	Equity I
Credit on basis of service in armed forces from 10-11-45 to 3-1-47					Law C174	1949-50 II Sem
Mil Sci	Basic	12	-	-	Law 122	Cr Trans (Suretyship)
	1 S S 1947				Law 163	Property III
Com 17a	Sect Prac-Type	3	B	6	Law 120	Wills & Adm of Est
P S C10b	Amer Civ sin 1865	4	A	12	Law 121b	Trial Procedure
Eng 1b	Eng Comp	3	A	9		Equity II
	1947-48 I Qtr				Econ 102	CORRESPONDENCE
Eng 1c	Eng Comp	3	A	9	Econ 105	Labor Econ(7-15-50)
Psy 1	Intro	6	A	18	Com 106b	Money & Banking(8-12-50)
Com 1	Prin of Econ	5	B	10		Adv Acctg(9-13-50)
Phil A	Intro to Humanities thr	3	A	9	Law 165	1950-51 I Sem
	1947-48 II Qtr				Law 153	Trusts
Com 7a	Prin of Acctg	5	A	15	Law C141	Taxation
P S 80	State Govern					Partners
Phil 31						

Hemp:

More than just fiber

UK research will help optimize production

By Linda Perry

What if Kentucky could once again be a leading producer of a crop that is experiencing increasing market demand and can be processed into thousands of products and useful applications? You know, like the millions of dollars that Canada reaps with its exports of hemp seed and products to the United States. The notion of the monetary benefits of producing hemp is raising the interest of farmers and other individuals looking for a way to capitalize on a plant that has had a history of flourishing in the Commonwealth.

“It’s not just about fiber,” said Adam Watson, hemp coordinator for the Kentucky Department of Agriculture (KDA). “That’s what’s so promising about hemp — it’s not the same product that it was some 70 years ago. It’s got an even greater potential today.”

However, the possible returns on the crop are currently elusive. “We will likely have more farmers lose money on hemp than make a profit this year,” he says. “It’s entirely understandable given that the crop is completely unknown to our producers. We’ll quickly see that trend reverse as the best production methods and varieties for Kentucky are established.”

Industrial hemp research at the University of Kentucky is moving along in its second year. The UK Department of Plant and Soil Sciences (PSS) and the Kentucky Tobacco Research and Development Center (KTRDC) are joint participants in the KDA Industrial Hemp Pilot Research Program. UKAg agronomists David Williams (PSS) and Rich Mundell (KTRDC) are leading the research efforts investigating agronomic parameters affecting field-scale production of industrial hemp. The projects are being conducted under the guidance of KDA.

While the first year’s pilot project was limited to varieties used for fiber production, this year’s research trials include hemp varieties used for the production of fiber, grains and cannabinoids. Cannabinoids, such as hemp-based cannabidiol (CBD), may be used in food and dietary supplements for consumer health and wellness benefits.

“Our work has expanded greatly this year to include all three harvestable components of hemp,” Williams says. “We are hoping to optimize grower profitability through these small plot studies.”

Research projects include comparing the fiber quality of three varieties of hemp. The varieties will be compared to each other as well as flax and kenaf, other fiber plants. The project will look at two harvest methods and three harvest timings when the plants are at different maturities.



Other research includes two separate hemp variety trials for fiber and grain production, herbicide tolerance trial for hemp used for grain production and a row spacing trial geared toward fiber production. Specific projects are conducted in conjunction with researchers at Murray State University (MSU), Western Kentucky University (WKU) and Eastern Kentucky University (EKU).

Mundell says hemp research is appropriate for the Kentucky Tobacco Research and Development Center, whose objective is to find new uses for tobacco, but also encourage and facilitate the development of new crop opportunities for Kentucky agriculture. “This fits our mission,” he says. “When hemp came along, we realized it was a novel crop that we could work on to see if it is something Kentucky farmers could grow in place of tobacco.”

Leah Black is a graduate student looking at using the tobacco production model as a system to produce CBD. She is investigating whether unpollinated populations of female hemp plants produce more cannabinoids, and she will conduct a yield test based on direct seeding and various transplant densities using a tobacco setter.

Mundell says transplants will be grown in the green house and set in the field using the same equipment that a tobacco



Photo: Cole Patton, Agricultural Communications Services

UK Biosystems & Agricultural Engineering and the Agricultural Machine Research Laboratory developed a prototype hemp flower harvester used to collect the hemp varieties for CBD production research.

farmer already uses. “If specified spacing proves to be a good method of producing CBD, then Kentucky farmers would have an advantage in that we already have the equipment and the know-how to grow and set transplants. Furthermore, if it turns out that CBD is a labor-intensive crop similar to tobacco, with hand harvesting and hanging in a barn to cure, then that would be something else Kentucky farmers are also already accustomed to.”

Mundell says that some people think CBD could bring a profit per acre similar to tobacco. It could be exactly what Kentucky has been looking for as an alternative crop to tobacco. Also, hemp used in crop rotation could be beneficial in lowering disease and weed pressure, if established properly.

“Kentucky definitely has the jump on most other places,” says Mundell. In addition to the research that UK is conducting, he says the state is in a good position partially because of hemp processors — for example, Sunstrand LLC — which has come to Kentucky to take a chance on the potential industry here. “Sunstrand, which specialized in bamboo fiber processing in Montana, moved to Kentucky in 2014 to set up a small pilot-scale facility in Louisville. The company works on developing composites using natural fibers for strength rather than man-made fibers. From what the owner tells us, this is something

the automobile industry is interested in because natural fiber composites are lighter in weight, have high strength and are more green for the environment.”

This year’s research projects are funded by several corporations, with administrative support from KDA, and also involve collaborative work with several faculty members and graduate student Black. In addition to Williams and Mundell, this includes David Hildebrand, professor in Plant and Soil Sciences, who is investigating the molecular genetics of hemp oil composition. Ling Yuan, also a professor in Plant and Soil Sciences, is studying the protocols for genetic modification of industrial hemp. Their research is made possible through grants from the Kentucky Science and Engineering Foundation.

History of hemp in Kentucky

The KDA website says that because there is no commercial industrial hemp production in the United States, the U.S. market is entirely dependent on imports, both as finished hemp-containing products and as ingredients for use in further processing. More than 30 nations grow industrial hemp as an agricultural commodity. The United States is the only industrialized nation that does not allow industrial hemp

production. Some industry estimates report that U.S. retail sales of all hemp-based products may exceed \$300 million per year, although that number might be optimistic.

At the heart of the matter: it is legal to manufacture and sell hemp-based products in the United States, but illegal to grow it.

Fabrics, paper, carpeting, construction materials, foods, beverages, auto parts, cosmetics, animal bedding, etc. — the list of products containing hemp is extensive today. This is very different from the results of the first recorded Kentucky hemp product that was grown on Clark's Run Creek in Danville in 1775. Settlers in the Commonwealth did use hemp for textile production, but according to the Kentucky Historical Society, the largest use of hemp was to create rope and woven bagging that bundled cotton bales. The U.S. Navy bought Kentucky's rope for ships' rigging, and factories in Central Kentucky turned out the woven bagging for farmers. Pants, known as Kentucky jeans, were also manufactured.

Kentucky's climate and soil are excellent for producing hemp, particularly in what is known as the bluegrass area. Industrial hemp was a viable economic engine, with Kentucky leading the nation into the early 20th century.

So what happened?

According to an article in the Lexington Herald-Leader, manufacturing changed after the Civil War. Ship riggings were now made of metal, cotton was baled using a technique that didn't need fabric, and new fabrics were used to make jeans. The demand for hemp dwindled and so did the market, although Kentucky was still in the game, producing 90 percent of the hemp in the United States.

During World War II, the government encouraged the growing of hemp to replace the hemp and other natural plant fibers, such as jute, that were no longer coming to this country from the Philippines and Russia. So production kicked up for a while, until after the war.

Everything changed in the 1970s when all cannabis varieties, including hemp, were designated Schedule 1 substances under the federal Controlled Substances Act. Thrust into the same category as heroin and marijuana, this meant that without a license from the Drug Enforcement Administration, people were breaking the law by growing hemp. U.S. production became nonexistent.

After almost 45 years, the Agricultural Act of 2014 passed by Congress included a provision that allowed colleges and state departments of agriculture to grow and conduct research on hemp in states where it is legal. Cannabis varieties may be legitimately grown in Kentucky under the auspices of a university research project or the KDA.

Watson says the KDA has 127 participants in its program, including eight universities. These include farmers and processors — private cooperators who are interested in growing or processing hemp for profit and are engaged in conducting research on behalf of the KDA. Once harvested, the hemp is sent to a processor in Kentucky and sold for use in a variety of products. Farmers collect data for the KDA about the viability of the crop grown in the real-world environments of family farms. Processors submit information about the use of hemp and the subsequent economic data associated with the marketing of hemp products.

Photo : ExploreUK



An unidentified man beats out hemp seed on the Experiment farm at the Agricultural and Mechanical College of Kentucky in 1901.

University of Kentucky research

The agronomists with the UK College of Agriculture, Food and Environment began planting their 2015 hemp research plots in May on the university's Spindletop Research Farm.

"Variety selection is key to optimizing production. That's one of our basic goals — to evaluate many varieties and within that, planting dates for many varieties," says Williams. "Hemp is photosensitive, so the size of the plant — the maximum growth of the plant — is defined by day length and not by temperature or weather or physiological maturity. We would prefer not to have grain crops that are 8-feet tall. So it's important to select a variety that might not grow that large before flowering and then determine the best planting date for optimal grain yields and still manage that plant at half that height at 4-feet tall. On a basic level, that is one of our earliest and most important goals for Kentucky farmers."

Williams says the second goal involves contributing to hemp production for fiber. "Retting hemp is a new experience for everyone in Kentucky, where in other cultures, particularly Europe, it's a well-known process. So we are still learning how to properly ret hemp, which is a 'rotting' of the hemp stalk where the fibers are derived."

Finding the sweet spot that allows the fibers to be easily separated but not rotted too much will be important, he says. "For Kentucky farmers to produce hemp fibers of high quality,

we need to be able to quantify certain aspects of this process and provide good information for farmers. It's not quite as cut and dry as I thought it might be."

Williams said that historically, hemp was processed by hand, a very labor intensive activity. "The mechanical processing of hemp makes retting more important than it used to be. It's imperative that the retting be perfect," he says. "That process is totally dependent on the weather, variety, stem diameter within a variety — so that means seeding rates. There is lots of information that we need to be working on to provide good information for Kentucky farmers."

Tim Stombaugh, Extension professor in Biosystems & Agricultural Engineering, led the effort to develop a design for the prototype hemp flower harvester used to collect the hemp varieties for CBD production research. He collaborated with Will Adams, a senior research engineer in the Agricultural Machine Research Laboratory, as well as other support technicians in the department, to build a harvester almost completely from scratch in a six-week time frame. They borrowed a few components from a combine head, but most of it was fabricated from other parts. The unit attaches to a typical farm tractor.

"An outside company came to us and said they needed a mechanism to harvest the hemp earlier before it goes to seed for use in pharmaceuticals. All they wanted was the top part of the plant where the flower is. The top foot of the plant needed to be cut, gathered and transported somehow. That's what we built," says Stombaugh. "There are different varieties and strains of hemp. Some of it is knee-high and some of it is 12-feet tall. This thing has the flexibility to go low and go high, and that's why we put it on the front of a standard front-end loader."

Stombaugh says there is still tweaking taking place on the mechanism, but overall, he was pleased with the initial result. "We took our best shot at it. Functionally, it worked well," he says.

Mundell says that one of the aspects that sets Kentucky apart from other states is that a Kentucky-based company is now producing certified seed of many of the varieties of hemp that researchers are using. "Kentucky Hemp Seed Research and Development Co., a subsidiary of Atalo Holdings in Winchester, is growing certified seed that is inspected in the field to insure genetic purity," he says. "Having the seed grown in the state will help to avoid paperwork complications that sometimes occur when seed is imported into the country from Europe and Canada."

Atalo will also process the grain, extract oil from the grain and uses the "cake" left over after the oil has been extracted to make other products. UK researchers, in cooperation with Atalo, are also investigating the possibility of making silage out of the hemp that could be utilized as a high-quality forage to feed cattle. "We've chopped some hemp that had just started to form mature grain and packed it into research-scale mini-silos. We're looking at whether hemp that is just starting to form mature grain has the proper moisture content to allow the ensiling process to happen," says Mundell. "After the hemp has been a month in the silo, we will open some of the silos to see if the ensiling process was successful. We'll continue to open new silos each month during the winter months, when a farmer would typically be feeding his cattle, and assess the quality of the silage over time."

Mundell says one of the major responsibilities of university researchers is not to report findings based on anecdotal evidence. "We perform science-based, replicated field trials over several years and in different locations so that we can eliminate the many variables that can affect the performance of a crop. This research will give Kentucky hemp farmers production guidelines based on sound scientific research. For example, we will hope to define what are the best hemp varieties, the best seeding rates and planting methods, and optimal fertilizer rates to apply for hemp grain, fiber and CBD production systems," says Mundell. ■



Photo: Steve Patton, Agricultural Communications Services

UK's 2015 Kentucky Hemp Field Day generated strong interest in August.

Collaborative efforts

As UK researchers evaluate the yield and fiber quality differences among different harvest times and harvest methods, they are also looking at retting times and retting methods. UKAg is collaborating with researchers at ECU on this project, which is funded by Sunstrand LLC.

The best production method for cannabinoids for pharmaceutical use is being funded by CannaVest Corp.

Funded by Freedom Feed and Seed, UK researchers are manipulating plant growth rates in the greenhouse and the field of hemp used for grain and cannabinoid production. They are studying whether small plants make the harvest simpler and whether they have a yield difference compared to larger plants.

In collaboration with MSU, UK scientists are conducting a variety trial of hemp plants for grain production and UKAg researchers are working with WKU on hemp's tolerance to agricultural herbicides.

Kentucky Hemp Seed Research and Development Co., a subsidiary of Atalo Holdings, donated a significant amount of seed to the 2015 UK hemp research project.



Pritesh Kumar:

Medicinal cannabinoid testing, research and development

By Robin Roenker

Pritesh Kumar knows he's in a lucky place. Not many people can say they own their own company, doing exactly the type of work they dreamed of doing, much less just six years following their college graduation.

Kumar received his undergraduate degree in biology from the UK College of Arts & Sciences in 2009 before earning a doctorate in pharmacology and toxicology with a concentration in cannabinoids from the University of Louisville in 2014. He is founder and CEO of PhytoSciences Inc., a firm that hopes to help lead the new wave of medicinal cannabinoid testing, research and development in the United States.

Kumar's work is his passion, and he says he's committed to helping set more rigorous industry standards so that medical applications for cannabis and its derived compounds can be more safely and effectively developed.

Kumar launched PhytoSciences in 2014 with co-founders and fellow UK Department of Biology graduates Brad Biggs '10 AS and Mark Hamann '09 AS. The longtime friends, who met at UK, felt the timing was right to focus their combined skills on what they loved: natural pharmaceutical research and development.

An "atypical" undergraduate

Though he was born on the west coast, Kumar's family moved to the east coast when he was still young. As he was completing high school and beginning his college search, two things about UK appealed to him.

"When I visited campus, it was so beautiful and student-oriented, and that really attracted me," says Kumar. "But also, I had been looking for a college with a natural products pharmacology division. Investigating potential medical and pharmaceutical applications for natural plant compounds has always been my real passion. I learned about a professor at UK at the time, Dr. Cecile Marczynski, who was doing research and teaching classes in that area, and that was a key reason I decided to enroll at UK."

Kumar also credits Marczynski's class with setting him on his eventual career path. That course is what really caused me to turn my attention to cannabis, and led me eventually to pursue my Ph.D. solely on exploring that plant and its pharmacology," he says.

During his tenure at UK, Kumar says he was thought to be an "atypical" undergraduate by his friends.

Most likely, his friends were picking up on Kumar's uncommonly high determination and drive, both for his studies and in balancing his many part-time jobs.

Eventually, Kumar scored a job washing scientific glassware in Brian Rymond's UK laboratory. While other students might have deemed the work boring or inconsequential, for Kumar it was a learning opportunity. He also worked part-time in Bernard Hennig's laboratory investigating the role nutrition plays in preventing vascular toxicity induced by polychlorinated biphenyls (PCBs).

Before he graduated, Kumar had leveraged that early laboratory exposure into research assistantships with the College of Arts and Sciences Department of Biology and the College of Medicine Department of Pharmacology and Nutritional Sciences.

The goal: Becoming an industry leader

Kumar draws upon the same untiring drive that defined his undergraduate years to devote himself to not simply advancing the new field of medical cannabis research in America, but *leading* it.

"In one to two years, we plan to become the leading international consulting company in the areas of laboratory development, cannabis extraction methodology, R&D and manufacturing set-ups," he says.

Already, in just one year, PhytoSciences has attracted 31 scientists as consultants, many of them international leaders in specialties ranging from molecular biology, biochemistry and plant botany to laboratory design, drug extraction and formulation chemistry, he says.

While medical cannabis research has been

performed for years in other countries — Israel, especially — in the United States, the field is emerging and plagued by a lack of regulatory standards.

Currently, under U.S. Federal Law, use of cannabis is illegal. At the state level, only four U.S. states plus Washington, District of Columbia, have legalized recreational use of cannabis, and an additional 20 others — not including Kentucky — have legalized the use of medical cannabis. The production of cannabis-based medications does not fall under the guidelines of the Food and Drug Administration (FDA). In states where medical cannabis is legal, currently there are minimal to no mandated standards for its testing, production or quality control.

PhytoSciences hopes to change that.

"Established analytical laboratories where traditional pharmaceuticals are tested and produced will not touch medical cannabis, because it's federally illegal. This invites other start-ups to try to establish laboratories for the production of cannabis-based medicines, even though at times they may not have the knowledge, operational expertise or proper equipment to run a pharmaceutical laboratory," Kumar explains.

"So we're helping our clients set up laboratories that exceed FDA-compliance standards, since those are the best standards we have to use as a basis," Kumar says. "And we ensure that we go above and beyond those."

PhytoSciences consultants help their clients develop proper testing protocols, establish quality control procedures and identify the proper equipment and staffing necessary to begin to test and produce cannabis-based products, ensuring their products are safe, efficacious and standardized.

The company has consulted on 15 laboratories and three manufacturing sites in Colorado, Connecticut, New York and in Canada, where the use of medical cannabis is legal nationwide.

"We don't take on every project that approaches us. We personally like to work

in jurisdictions that have well-written, tightly-regulated legislative restrictions on the production of cannabis products. That ensures that patients aren't receiving cannabis-based medications that could have mold or other contamination in them," Kumar says.

"These cannabis-based products are medications, and the way we think about it is that they should be undergoing the same testing that is required for any other medication that is on the market," he adds.

Recently, PhytoSciences began consulting with several companies in Kentucky that hope to establish extraction and manufacturing laboratories in order to produce medications from extracted cannabidiol, or CBD, a cannabinoid present in both cannabis and hemp.

"Right now, in this industry, there are no regulations on the quality of these products," says Brad Biggs, PhytoSciences's quality control and extractions specialist. "If either a laboratory or a cultivator wants to know the concentration of cannabinoids in their product or to determine if it's contaminated, there are no standard regulations or protocols in place for them to do that. We can come in, help them set up their laboratories and teach them the appropriate procedures for analysis."

Fellow co-founder Mark Hamann has enjoyed the chance to not only work with two of his closest friends, but to do it within a company that is setting lofty goals.

"All of us wanted to find a way of putting our interests and talents into something that would be able to help others, which this work does, both in terms

of advancing science and the medical field, as well as boosting the economies where our clients are based," says Hamann, who is a sales associate for PhytoSciences.

In three years' time, Kumar says he hopes to expand PhytoSciences' global consulting presence into Europe, South America and Asia as the markets for cannabis-based products emerge there. And in four to six years, he hopes to build the first cannabinoid institute for research and development in the United States.

"Israel has long been the 'mecca' for leading-edge cannabinoid research. There is no reason that the United States should not take more of a leadership role in this type of research," Kumar says. "My vision is to bring all the top-talented scientists in this field under one institute, here in the U.S., where we can vigorously research this plant and its therapeutic potential from a basic research standpoint and then translate this research by conducting clinical trials. We will eventually be in the position to give patients the answers they are seeking and to provide regulators with the data they require to understand the potential medical value of this plant."

A quick biology lesson

"Cannabinoid" is a term that describes the chemical compounds found naturally within the cannabis plant. The human body has two types of so-called "cannabinoid receptors," which react with and respond to these compounds. The cannabinoid receptor 1, or CB1, exists within the body's central nervous system, brain and spinal cord. It's this receptor that

is responsible for marijuana's psychoactive effects. Kumar's own laboratory research with cannabis has focused on what's known as the cannabinoid receptor 2, or CB2, which exists within the immune system within the body's B cells and T cells.

"There's much less known about CB2 than CB1. I was interested in CB2 primarily because you can develop therapeutic agents that act on CB2 that do not get the patient high, for example," Kumar explains. In Kentucky, Kumar's research has focused on synthetic cannabis compounds, since testing using real cannabis plants is not legal in the Commonwealth.

Preliminary research has suggested that cannabis compounds can affect CB2 to reduce arthritic and cardiovascular inflammation, among other beneficial outcomes. Cannabis-based therapeutics have also been shown to reduce the frequency and severity of seizures in some pediatric patients.

"For me, where my passion is, is getting down to the mechanistic nuts and bolts of *why* there is this cause and effect — to really examine and try to find out what is going on at a molecular level when the cannabinoids react with these receptors in the body," Kumar says.

"There are still so many questions," says Kumar. "We plan to continue inviting different scientists to collaborate with us, so we can keep teasing apart this plant and truly understand its mechanism of action. That's how true science gets done. ■

Research at UK

There are several research projects in the UK Department of Behavioral Science that focus on cannabinoids.

For example, Shanna Babalonis, assistant professor in behavioral science and UK Center for Drug and Alcohol Research (CDAR), completed a research trial examining the effects of a cannabinoid compound called cannabidiol, or CBD, when consumed in combination with smoked marijuana. The multisite study was to determine if CBD could be explored as a treatment for marijuana dependence.

Results from the trial suggested CBD did not change the physiological, cognitive or subjective effects of marijuana. Babalonis said the study serves as evidence that CBD does not reduce the high caused by smoking marijuana. The study is one of the first to provide evidence CBD does not change marijuana effects and CBD displays low abuse liability.

"There is a great deal of interest in the therapeutic effects of marijuana right now," Babalonis said of CBD. "CBD may be useful for other conditions, but it does

not look like it is an effective treatment for marijuana dependence. However, we are excited to continue to test other cannabinoids to determine if they may be useful in treating drug abuse or other conditions."

The UK CDAR laboratory joined with Columbia University and the Medical University of South Carolina to collect laboratory data for the study.

Sharon Walsh, professor of behavioral science and director of CDAR, is working on several additional research projects funded by the National Institute on Drug Abuse, including one that examined a cannabinoid as a potential treatment for opioid withdrawal and found some early promising results. Also, Joshua Lile, associate professor of behavioral science, is involved with several research projects, one of which is using a human laboratory model of cannabis use to evaluate several FDA-approved medications as possible treatments for cannabis addiction, including the anti-epileptic drugs tiagabine (Gabitril) and pregabalin (Lyrica).



Ann Rice O'Hanlon: Coloring within the lines

By Linda Perry

The name Ann Rice O'Hanlon is meaningless to most UK alumni. But it shouldn't be. During the 1930s she painted a huge fresco on the wall that thousands of UK students rush by every day inside Memorial Hall. This fresco, a unique work of art, has also likely mystified countless students in regards to what it is, what it means and why it is there.

The fact is, O'Hanlon created what was then — and possibly still is — the largest fresco in America painted by a woman. Measuring about 45-feet long and 8-feet high, the 81-year-old painting is a pictorial history of Kentucky and considered by some to be one of the most important artworks in the Commonwealth. It's intended to be “read” in layers from the bottom to the top, with the most recent history (at that time) of Kentucky in the 1930s at the very top. Painted in conjunction with the Public Works of Art Project (PWAP), the federally-sponsored art initiative, O'Hanlon received \$38 a week for about eight months in 1934 to complete the piece.

Ann Rice (In later life, she was said to claim that her name had been Anna Rhys.) was born on June 21, 1908, in Ashland, but she spent many years growing up in Lexington. It was evident, even as a child, that she had artistic talent. Her younger sister, Myra Dee, was fond of telling stories about the preferential treatment this talent afforded Ann. “Now, Myra Dee, mother used to say, ‘You know Ann Louise has to protect her hands so you need to do the dishes,’” she reflected.

Rice graduated in 1930 from the UK College of Fine Arts with a bachelor's degree in art. She later met Dick O'Hanlon, a sculptor, when she attended what was then the California School of Fine Arts in San Francisco. The couple then came to Lexington. Several months later, Ann O'Hanlon was given the opportunity to change Memorial Hall forever via the PWAP through an offer made by Edward Rannells, who was the chairman of the UK Art Department. He had contacts in Washington, believed a mural in the UK facility was justified and was convinced Ann O'Hanlon was the perfect artist for the job.

She initially had planned to paint important geographical landmarks from around Kentucky as part of the fresco, but Rannells insisted that she approach the project from a different standpoint. During an interview she did with the Archives of American Art, Smithsonian Institution, on July 8, 1964, O'Hanlon said she first presented one idea, which was an abstracted use of the shape of the state of Kentucky because it would fit beautifully into the long, horizontal shape of the wall. She wanted to paint the “things” of Kentucky, not so much the events of Kentucky, including certain aspects of its geography, geology and agriculture. “But Mr. Rannells wasn't happy with the idea for some reason. He wanted it figurative. He wanted it eventful, human events and so I switched that whole thing and worked out this other historical plan...” she said.

O'Hanlon spent several months researching the history of Kentucky before submitting her drawings, called “cartoons,” to Rannells, who approved all her sketches. Fresco painting involves applying a layer of freshly-laid or wet lime plaster to a wall. Water is used as the vehicle for the pigment to merge with the plaster, and with the setting of the plaster, the painting becomes an integral part of the wall. Dick O'Hanlon, who had learned the fresco method directly from the great Mexican muralist Diego Rivera, would get up at midnight, go to the building and wet down the wall with plaster. By dawn, the wall was ready to be painted. Ann O'Hanlon would arrive at Memorial Hall after breakfast, and her husband would go home to sleep.

This pattern continued for months as the couple worked intensively around the clock to get the project done. It required 20 to 30 coats of water-ground color, building up layers of glaze that produced a rich and luminous color when applied with a Chinese sumi ink brush.



Ann and Richard O'Hanlon
Photo: O'Hanlon Center for the Arts



Ann Rice O'Hanlon transfers sketches for her fresco to the wall in Memorial Hall.



Ann O’Hanlon did small test patches in the basement of Memorial Hall and liked her results, even though she was using commercial dry lime that she had been told would not work. She also had been told she could only use certain colors that would hold up over time. “...when I go back to see it now, all these years later, I’m very pleased with the way the color has mellowed, it’s rich. There are few, if any, cracks in the wall and those had to do with possible shakes in the building and not bad ones at all, which in view of the fact that I wasn’t working with the right material, is a good thing,” she told her interviewer in 1964.

Throughout the painting process, the couple primarily worked in solitude. In fact, Ann O’Hanlon had remarked that almost no one in Lexington or on campus seemed interested in the project. The only individuals fascinated were the university janitors. They were curious about the nature of fresco in general, its design, the way it was being done and would ask endless questions, O’Hanlon noted. She said that one professor had stopped by at the end of the project and was so struck by what he saw, that he wrote an article about it for the Lexington newspaper to try and get the local community interested.

Upon completion of the fresco, Ann O’Hanlon was said to be dissatisfied with her creation and the two artists left Lexington. They lived in various communities, including New York, New York, and Philadelphia, Pennsylvania. By 1938, they settled in California in the Bay Area. In 1942, they bought an old dairy farm with a group of family members and friends and the place was renovated into an

“When the artist had finished, she had traced the town’s progress from the earliest settlements through notable medical, educational, and scientific developments that took place in the region, to the rewards of civilization and hard work — leisure and higher education at the University of Kentucky.”

art studio and living space. Named the Sight & Insight Art Center in 1969, the name changed to O’Hanlon Center for the Arts in 2004 to reflect the inclusion of literary, performing and healing arts. In addition to the center, Ann O’Hanlon founded the Art Department at Dominican College in San Rafael, California, and Dick O’Hanlon

was teaching in the Art Department at the University of California – Berkeley.

The couple devoted themselves to the pursuit of art throughout their lives. The teachings of Ann O’Hanlon were the subject matter for books by Susi Martin and Elinor Severinghaus, both artists who worked for many years with Ann. “According to Ann,” was the first and “Seeing/perception: Looking at the world through an artist’s eye,” was published posthumously in 2001. It includes photos taken by the couple and a poem by Wendell Berry, Ann O’Hanlon’s nephew.

At 90 years old, Ann O’Hanlon died in 1998, in Mill Valley, California, following her husband’s death in 1985.

In 2006, the publication, UK Connections, wrote about the couple and the noteworthy piece of art. “When the artist had finished, she had traced the town’s progress from the earliest settlements through notable medical, educational, and scientific developments that took place in the region, to the rewards of civilization and hard work — leisure and higher education at the University of Kentucky.” ■

Want to Learn More?
You can watch video of the fresco at:
<https://www.ukalumni.net/fresco>



Photo: Time Webb Photography

12 cool things

to know and share about UK



UK's new residence halls are a big hit! Demand is 130 percent beyond capacity already. The university's public/private partnership with EdR continues to make progress. In August, UK completed the Woodland Glen community with residence halls III, IV and V opening to new students and living-learning programs. Phase II-C is underway for Limestone Park I and II, and the UK Board of Trustees recently approved Phase III — University Flats. In total, the completed and approved projects will add more than 6,500 beds across 13 facilities by fall 2017. The investment thus far — more than \$422 million — is transforming the way we house, educate and build community for our students.



With 30,704 students, UK broke its enrollment record for the fifth year in a row and set new records for nonresident, African American, Hispanic and International student enrollment.

Enrollment in fall 2014 included 113 National Merit, National Achievement and National Hispanic Scholars, bringing the total to 395 in the last four years. This places UK in the Top 10 among public institutions with these scholars. For fall 2015, UK received more than 22,500 applications, nine percent ahead of last year.



UK Athletics had 94 student-athletes completing degrees during the 2014-2015 school year and 65 student-athletes were named to the SEC Winter Sports Academic Honor Roll, placing UK fourth among all conference schools.

UK retired two jerseys in 2015 — Jenny Hansen, who won eight individual national gymnastics titles from 1992 -1995, and Tony Delk, the Most Outstanding Player during the national basketball championship run in 1996. This brings the total number of basketball retired jerseys to 43, but it is the first for gymnastics.



The College of Fine Arts School of Art and Visual Studies moved into its new home on Bolivar Street. The Gatton College of Business and Economics completed its expansion in August, and the revitalization of its 1990s classroom wing is proceeding. The \$120 million Commonwealth Stadium project was finished for the start of the 2015 SEC football season. Progress is being made on the Academic Science Building and various projects in UK HealthCare. Anchored by the largest, at the time, single gift in UK's history, and state authorization to self-finance the project, the university has started construction on the \$175 million expansion and renovation of the Student Center. Locally-sourced food in UK's dining halls reached an all-time high, and the university opened "The 90," a modern 82,000-square-foot dining facility that also provides spaces for academic programs supporting residential communities on south campus.

In total, over the last four years, UK has initiated — and largely self-financed — more than \$1.81 billion to add or improve more than five million square feet in capital investment that enhances the academic, research, service and health care missions of the institution while maintaining a strong balance sheet and not placing a financial burden on the state.



UK was founded in 1865 — that's 15 years before Thomas Edison started commercially manufacturing light bulbs in 1880. The university has made a lot of progress since then, including these latest impressive statistics that will make any friend of UK proud.



UK is proud of its diverse student body with enrolled students represent more than 100 countries around the world.



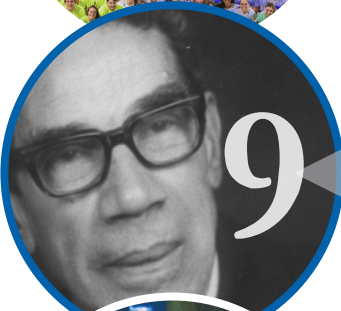
In the 2014-15 academic year, UK awarded more than 6,400 undergraduate and graduate degrees.



In FY 2014-2015, UK received \$285 million in external research grants and contracts, signifying that UK is a major player among research institutions in the country.



The Tenth Annual DanceBlue Marathon, the 24-hour, student-run dance marathon, raised a total of \$1,615,057.18 for the Golden Matrix Fund and DanceBlue Kentucky Children's Hospital Pediatric Hematology/Oncology Clinic.



The UK Board of Trustees approved renaming Central Hall I residence hall, located at the corner of University Avenue and Hilltop Avenue, as Lyman T. Johnson Hall in honor of the man who challenged the Day Law. In 1949, Johnson was the first African American admitted to UK.



UK has awesome alumni around the world! We are 253,663 strong and counting!



UK HealthCare is one of the fastest growing academic medical centers (AMC) in the nation. Since 2003, UK HealthCare has grown from an AMC at the 25th percentile, in terms of patient volume compared to AMCs nationwide, to a center above the 75th percentile. UK HealthCare offers over 80 specialized clinics, 143 outreach programs and a team of more than 9,000 physicians, nurses, pharmacists and health care workers dedicated to patient health. The acuity of patients seeking care has also risen and UK HealthCare's case mix index — an indicator of the severity and complexity of the patients treated — now also rivals the nation's top medical centers.

To build on its excellence in health research that addresses the myriad public and clinical health issues in the Commonwealth, UK received approval from the state legislature to build a \$265 million multi-disciplinary health science research facility. The facility will be financed with \$132.5 million from the state and \$132.5 million from various university resources.



UK completed another historic year in philanthropy, securing record results in both gift receipts of \$118.2 million and in new commitments received of more than \$168.3 million. These represent increases of 12 percent and 16 percent, respectively. UK received more than 101,200 gifts from 54,275 donors.



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Big Blue Madness at Rupp Arena marked the start of UK men's and women's basketball as the players were introduced to the fans Oct. 16. Kicking things up a notch were the UK Cheerleaders, who put on a display of their own athletic capabilities and entertained the capacity crowd during an evening of smoke, lasers, celebrities and the debut of the 2015 Final Four banner. Go Cats!

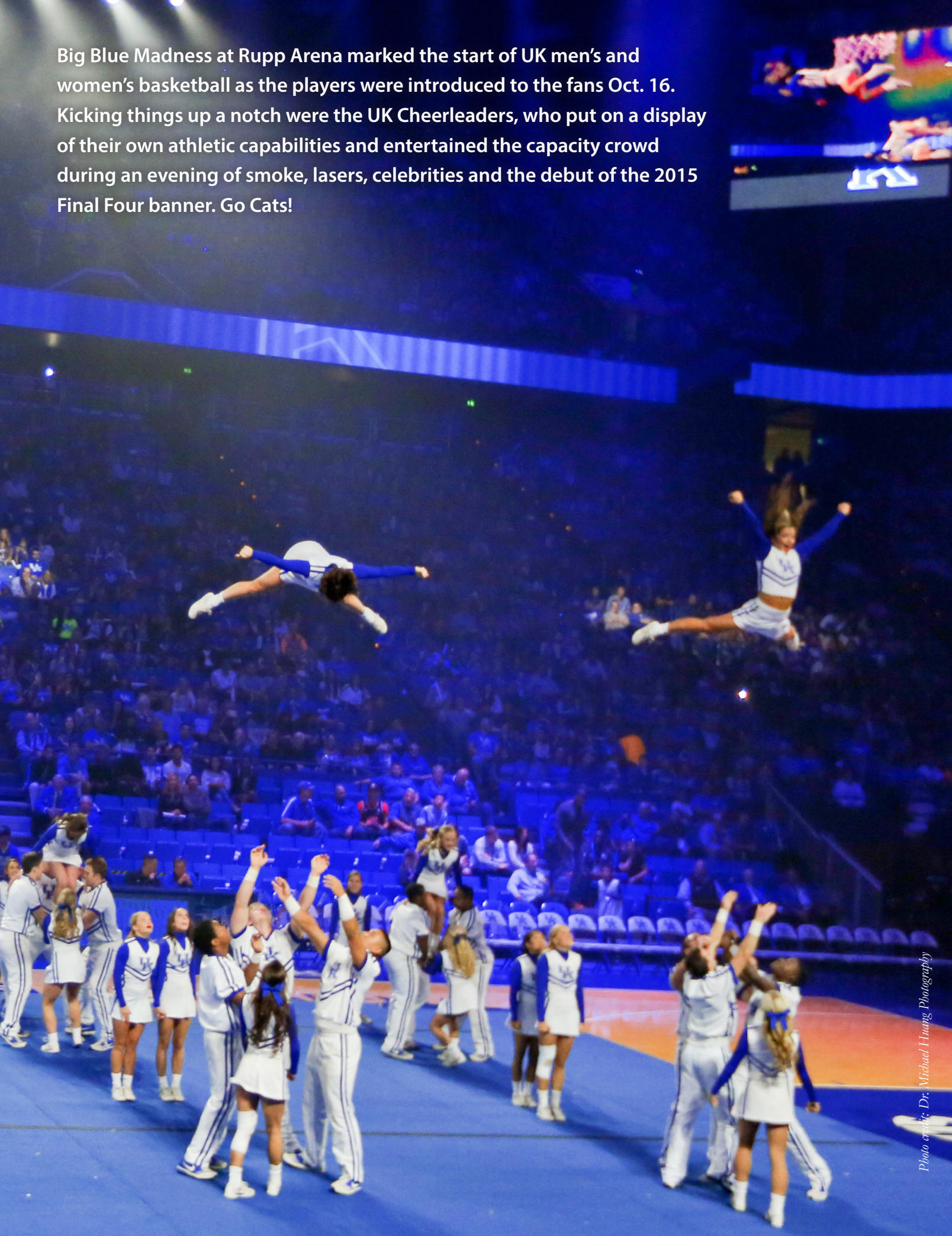




Photo: Dr. Michael Huang Photography

Alex Poythress returns as one of the team's leaders after missing most of last season with a knee injury.

Familiar faces back to lead young Cats

By Kelli Elam

There are several new faces on the 2015-2016 Wildcat men's basketball team. After losing seven players to the NBA from last year's historic team that finished 38-1, UK Coach John Calipari did what he does — reloaded with another top-ranked recruiting class. Freshmen Isaiah Briscoe, Skal Labissiere, Charles Mathews, Jamal Murray and Isaac Humphries join junior college transfer Mychal Mudler as the latest crop of new Cats. But it's some familiar faces that will be looked to for leadership this season. Alex Poythress is back, along with Marcus Lee, Tyler Ulis, Dominique Hawkins and Derek Willis.

After starting the first eight games of the season last year, Poythress missed the remainder of the season after tearing the ACL in his left knee during practice. Calipari said many times during the preseason that the team will center around Poythress and that he will lead his way.

"We need him to be something, like he's got to be a beast," Calipari said during UK's annual Media Day. "He's got to be more confident in his body. It's not just confidence in I can make a shot; it's that he is confident that I can come down hard, and I'm going to be fine. But he's big for us."

Poythress is ready for his role on the team.

"It's good, being one of the leaders of this team," he said during Media Day. "I have to step it up. Myself, Tyler and Marcus, we have to lead by example and by voice, so we just need to lead the team and come in prepared for games."

Lee is ready, too. "I definitely feel like our team looks to Alex and me for questions and answers," Lee said. "Whenever something happens, they just look toward us. It's kind of a great thing. It puts us on our toes and makes sure we are always doing the right thing."

Guard play will be a strength, with the team leaning on Ulis early on. "He's playing," Calipari said of Ulis. "He's doing things he didn't a year ago. He's way more comfortable doing stuff. He's shooting the ball way better, he's healthier. Last year he played the whole year with shin splints. He may be the best floor general — I'm not saying the best guard — but the best floor general I've ever coached."

"I understand the things I have to do," Ulis said. "Coach Calipari isn't asking me to lead the country. He's just asking me to run a basketball team. It's really not that hard. I just have to lead us to win."

Calipari said the team could be "ugly" early. But, as always, it's working toward March. "Our guard play is good enough to mask some of the issues we are going to have. I just don't know if it will mask enough for W's or L's, but it will mask some of the stuff. We've just got... We've got a lot of work to do. We've just got to catch up in so many areas, and folks, we cannot be good at everything"

The UK coach says he is coaching this team differently than last year's. No platooning and a gentler approach.

"I think this year the way I've got to coach, I'm going to have to build guys up. I'm not going to be in the mode like I was last year. I could really, really ride a guy. This is a different team," Calipari said.

UK Hoops: Mitchell looks for improved shooting, likes team's depth

By Hal Morris

Depth and defense have been the calling cards for the Kentucky women's basketball team and are the keys again this season.

But UK Coach Matthew Mitchell said the Wildcats have to shoot the ball better this season if they want to reach their first Final Four.

"I think we need to have a higher team field-goal percentage. I think we need to shoot the ball at a higher percentage. As I've looked at my growth as a coach, I think something that I really need to focus on is what is my role in helping them do that," said Mitchell, whose squad shot 40 percent from the floor last year. "You know, we have been a top-10 basketball team, and we have not had a field-goal percentage as a team on par with the other top-10 programs. So that's just something that we need to address, and I think that we can."

Kentucky, which finished 24-10 and lost to Dayton in the second round of the NCAA Tournament last year, returns two starters and three others who saw playing time. Throw in six newcomers and Mitchell likes the depth his team has to work with.

"I'm excited about our backcourt and the depth in the backcourt. I think we've added some really exciting players, but I feel like we have depth in the frontcourt, too," Mitchell said. "So overall depth is really important for us, and now where we have to get is all of that depth committing to being tenacious defenders, and that's my job. I have to win their hearts over to make sure that gets done. We just have to be a deep team, and all of that depth has to value defense and disruptive defense.

"I think our ultimate success this season really rests on how good of a job everybody accepts their responsibility as being a really tenacious defender. Depth could be a very, very great luxury for us, but I've always said, depth is only as good as how well each individual progresses and how each individual accepts her responsibility for her role on the team."

Tops among the returners is junior guard Makayla Epps, a preseason All-SEC pick who averaged 14.9 points and 2.9 assists per game last season. Epps began the season on suspension and had to miss the exhibition games and first regular season game.

"Makayla's challenge has been for this to be a transformative event in her life," Mitchell said. "She has to understand how important the decisions that she makes day after day affect a lot of people, people on our team, affect our fans; she's a very important figure in this program."

Another returner who is also looking to get back on the court is senior point guard Janee Thompson, who was averaging 10.1 points and 3.0 assists per game before suffering a horrific leg



Kentucky junior guard Makayla Epps is a preseason All-SEC pick after averaging 14.9 points and 2.9 assists per game last season for the Wildcats.

injury in January. Mitchell did not give a timetable for her return, but said Thompson is making great strides.

"She's made just terrific progress from a major injury, so anytime you have an injury like that, it's very difficult to come back from," Mitchell said. "She's not 100 percent, but she is at a really high functional level right now. If we have two practices in a day, she only practices once. There's some limitations on her as far as volume goes as we work her back in."

Senior Alexis Jennings, junior Kyvin Goodin-Rogers and sophomore center Alyssa Rice are also back. Mitchell will also look to six newcomers to step in and contribute.

Jennings said Mitchell has stressed being a better shooting team this year, and she likes how the newcomers are fitting in.

"He thinks that in order for us to be successful we have to work together. We have a couple of new players and a couple of old players from last year's team," she said. "In order for us to be successful we have to create a good tempo and have good team chemistry in order to get that 45 percent.

"I think the new additions came in working very hard and they create a great post presence for us. I think as long as they keep working together with the help of our position coach, Coach Adeniyi Amadou, we'll be one of the top post groups this year."

Mitchell said with the depth and experience and attitude of this year's squad, he likes what this year's team can become.

"I'm just really, really excited about this edition of the Wildcats. Very, very optimistic about what they can become," Mitchell said. "They have an enormous amount of potential." ■

WILDCATS



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ALUMNI TRAVEL

Members are eligible to participate in the exclusive Traveling Wildcats program. Traveling Wildcats explore the world worry-free with fellow UK alumni and friends while our reputable travel partners take care of all the details!

"One of the reasons I love traveling with the Traveling Wildcat program is that even if I don't know the UK people, so far we find we had similar experiences at UK and we always know some people in common. And travelling with alums from other schools, we all seem to be similar ages and many have interesting backgrounds. Also, it is comforting to know that the tour directors are excellent, and on the three tours I have been on, each director has gone way beyond the call of duty for someone on the trip."
— Ann H.

COMMUNITY ONLINE DIRECTORY

You'll be able to access My Wildcat Community Online Alumni Directory, which makes networking, reconnecting with friends, locating alumni where you live and updating your information easy.

Programs and Services

LOYALTY REWARDS

The UK Alumni Association Wildcat Loyalty Rewards program is our way of rewarding members for their loyalty to the association and the University of Kentucky. If you take advantage of your rewards, membership pays for itself! Check out some of your valuable rewards on these two pages and look for more rewards that will be spotlighted in the next two upcoming issues of Kentucky Alumni magazine.



LEGACY TUITION PROGRAM

You'll be eligible for partial tuition awards for nonresident undergraduate children of UK graduates who meet certain criteria. An eligible student is defined as a child whose mother, father, or stepparent has earned a bachelor's, graduate, doctorate, or professional degree from the University of Kentucky.

"Thank you for the information about the Legacy program. I am one of its biggest fans. My daughter Kelly '06 was one of the first to benefit from it when it was established, and now her sister Katie is a sophomore at UK and a beneficiary, as well. My Ohio State husband cannot say enough good things about this program and the staff at UK. They have been so gracious and helpful anytime we have had a question or need help. I am so proud of my university, and living in North Carolina, it's fun to be able to brag about it to all these Tarheels and Duke fans. Thank you for all you do and for this awesome program." — *Kathy V.*



LEGACY INITIATIVE PROGRAM

We want to help you cultivate your little Wildcats through the Legacy Initiative program. Once your children are registered, they will receive annual birthday cards and gifts on milestone birthdays up to age 18, and invitations to special events (in Lexington and select UK Alumni Club Areas.)

"The Big Blue Santa event gets better every year. I love this event so much and so do my children. I really loved the added 'bring a toy' aspect. Very thoughtful and what a great way to spread the holiday spirit. ... Again, thanks so much for the wonderful event. It's such a treat, and we look forward to it every year." — *Courtney T.*

DISCOUNTS

LOCAL, ONLINE AND NATIONAL DISCOUNTS

Who doesn't love a great deal? Your loyalty is rewarded with valuable discounts at hundreds of local, online and national merchants. Members can save money on UK gear, car and hotel rental, dining, apparel and much more.



"I love the Choice Hotels discount! I use it almost every time my family travels, and it saves me more than my AAA discount!" — *Leslie H.*

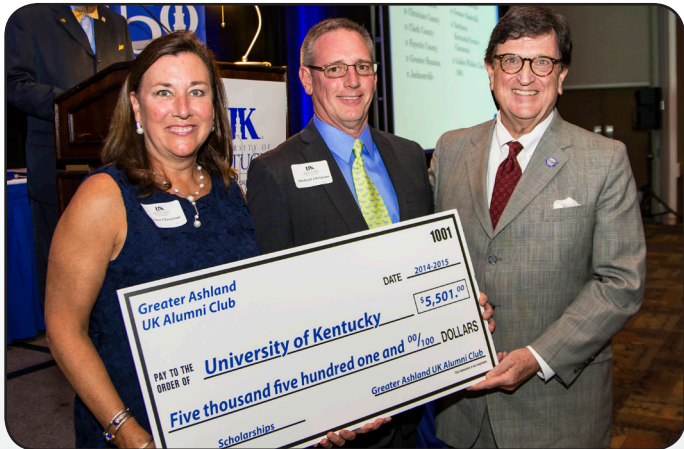


2015 - 2016 Scholarship Recipients

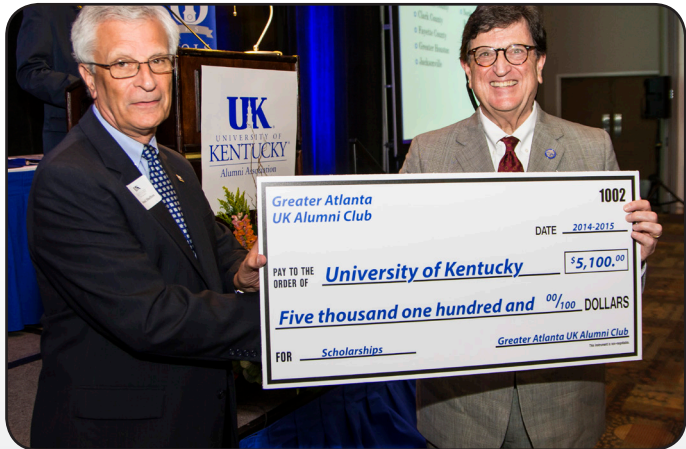
A big 'thank you' to UK Alumni Clubs for student scholarships

The UK Alumni Association, clubs and individual groups presented UK Alumni Association President David Ratterman with a check for the total amount of contributions made during the 2014-15 fiscal year. This includes more than \$158,000 from alumni clubs and \$94,000 from the UK Alumni Association and individuals, for a grand total of \$ 252,318.04!

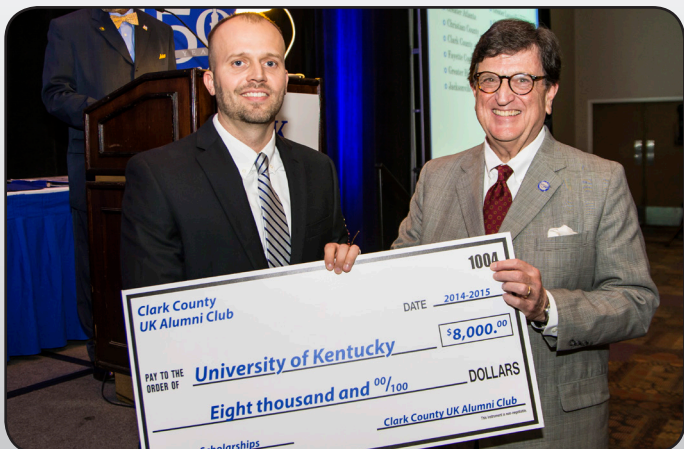
The presentation took place during the 2015 Scholarship Celebration at the Hyatt Regency Lexington. Ratterman is pictured with representatives from those clubs that made contributions to either their endowment or spending accounts in the 2014-15 fiscal year.



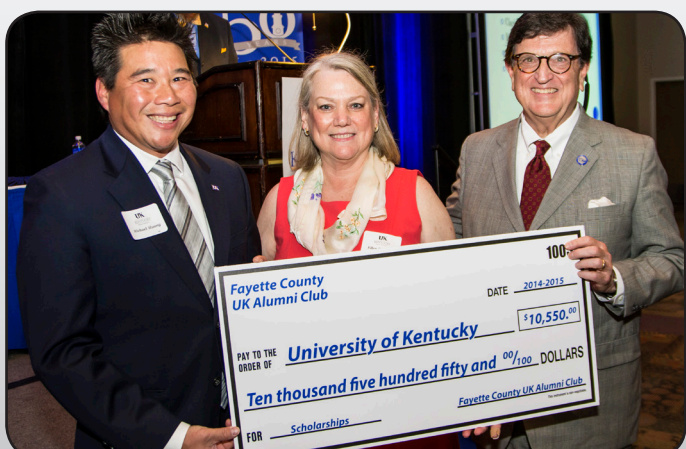
Greater Ashland UK Alumni Club \$5,501



Greater Atlanta UK Alumni Club \$5,100



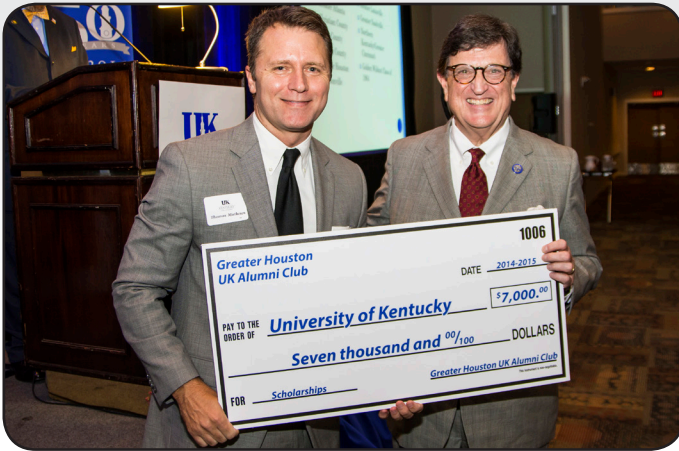
Clark County UK Alumni Club \$8,000



Fayette County UK Alumni Club \$10,550



UK Alumni Association \$252,318.04



Greater Houston UK Alumni Club \$7,000



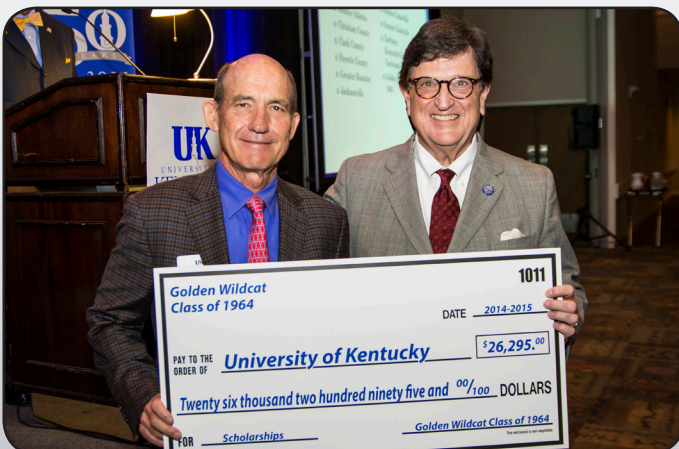
Jacksonville UK Alumni Club \$5,125



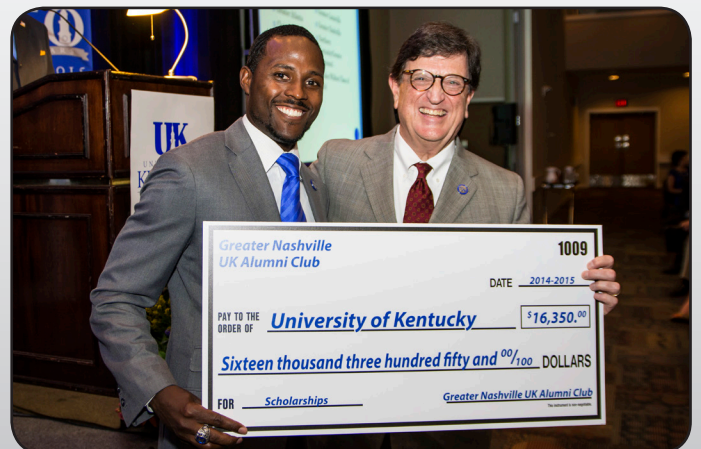
Greater Louisville UK Alumni Club \$45,000



Northern Kentucky/Greater Cincinnati UK Alumni Club \$18,460



Golden Wildcat Class of 1964 \$26,295.00



Greater Nashville UK Alumni Club \$16,350

1. The **Big Sandy UK Alumni Club** held a Student Send-off for its local UK students on the way to campus this fall.
2. Members of the **San Diego UK Alumni Club** did their part to aid the environment during a beach cleanup day. Left to right are Karin Brennan, Jay Hornback, Kim Kent and Rizma Shrestha.
3. **Upstate SC UK Alumni Club** members held their Student Send-off and attended a minor league game at Fluor Field, home of the Greenville Drive in South Caroline.
4. The **Greater Atlanta UK Alumni Club** had a good turnout of eager UK students for its annual Student Send-off event.
5. The **Greater Louisville UK Alumni Club** Student Send-off was a big success as club members entertained UK students before the start of the semester.
6. Congrats to the **Chicagoland UK Alumni Club** for winning the SEC Alumni Flag Football Championship this year!
7. The **McCracken County UK Alumni Club** was happy to offer a Student Send-off for a fine group of incoming UK students.
8. UK alumni from **Hilton Head and Bluffton, South Carolina, and Savannah, Georgia**, got together in September to enjoy some Wildcat spirit and talk about all things UK.
9. The **Greater Birmingham UK Alumni Club** held a "Meet & Greet" in September, giving UK grads a chance to kick back and enjoy the social aspect of their club membership.
10. Keene Run Golf Course in Nicholasville was the place to be in September when the **Fayette County UK Alumni Club** had a good member turnout for its annual Golf Scramble, including these UK alumnae who "manned" the registration table.
11. **Sarasota Suncoast UK Alumni Club** members formed teams for competition during the club's Miniature Golf Tournament at Evie's Family Golf Center.







GRAND OPENING

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LIFE MEMBER



The **UK College of Dentistry** held a Golf Scramble in August at the University Club of Kentucky. The event helped raise money for student and alumni programs sponsored by the UK College of Dentistry Alumni Association. Among those attending were, left to right: Drs. Cliff Lowdenback '99 AS, '03 DE; Chris Herren '98 DE, Don-Michael Hendricks '03 AS, '4 AFE, '08 DE and Adam Thompson '04 DE.

The UK Percussion Ensemble in the **College of Fine Arts School of Music** celebrated the 30th anniversary of Professor Jim Campbell's tenure at UK. Alumni were invited to return to campus and perform with current students in an unprecedented concert on the lawn of Singletary Center. About 75 individuals joined the performance.



Two UK alums greeting **College of Fine Arts** Professor Jim Campbell, center, during a trip back to campus to celebrate Campbell's 30th anniversary at UK were Michael Gould '99 FA, left, professor of music at the University of Michigan, and Glenn Kotche '94 FA, drummer in the band Wilco.



Photos: Submitted

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Left to Right:

Connie Harvey Corporate Vice President and Chief Operating Officer of Commercial Healthcare, Xerox

Wilbert W. James, Jr. President, Toyota Motor Manufacturing, Kentucky, Inc.

Dennis Lawrence President and CEO, CLARK Material Handling Company

Lisa M. Blanchet Lexington Site Manager, 3M

Paul Rooke Chairman and Chief Executive Officer, Lexmark International, Inc.

Rooftop courtesy of L.V. Harkness

CLASS NOTES

Photo: Shaun Ring



HENRY ASMAN '71 CI:

Two-time Oscar winner on Clint Eastwood movies

By Hal Morris

Henry “Bub” Asman '71 CI always thought it would be great to be known as an Academy Award nominee. But Academy Award winner has a nicer ring to it, and Asman has heard his name called for that honor twice.

Asman is a two-time Oscar winner for Best Achievement in Sound Editing. He won his first Oscar for the Clint Eastwood film “Letters from Iwo Jima,” then won again in 2015 for the Eastwood movie “American Sniper.”

When Asman was at UK, he majored in radio, television and film. During his senior year, Asman got a chance to take film classes and found his calling.

“That’s where my interest ended up — in film,” Asman says.

He sought out a job in film editing after college and got one with Louisville-based filmmaker William Girdler.

“We did four low-budget features in Louisville. They were terrible movies, but it was our plan all along to learn how to make movies,” he says. “There was no money involved. We said we worked for 10 bucks a day and a Big Mac. But we had fun doing it, and it was a start and got me to where I am today.”

Asman and Girdler eventually ventured to Hollywood, California, in the late 1970s. Asman’s first Hollywood movie was “The Bad News Bears Go to Japan.” Unfortunately, Girdler was killed in a helicopter crash in the Philippines in 1978 while scouting movie locations.

“I had just moved out there and that left me to try and make it on my own. He was the only real contact I had,” Asman says.

But a friend of Asman’s knew that Paramount Pictures was looking for a sound effects editor and suggested that Asman contact the company about the job.

“I didn’t really consider myself a sound editor at the time. I was a picture editor. But I stuck in there and did pretty well,” Asman says. “One thing that was good about learning our craft outside of Hollywood is you do so many different jobs. In Hollywood, you basically learn one job.”

After a few films, Asman was hired to work on the film “Escape from Alcatraz,” which starred Eastwood. That was the first time he worked with Alan Murray, and the partnership has endured to this day.

“We did all the sound effects together. The next time Clint did a movie, he was back at Warner Brothers, but he had people contact us to do sound effects. And from that point on, we’ve done most of his movies,” Asman says. “It was a very fortuitous linkup, and he’s a very loyal guy. You’ll see the same people working on his films for years and years.”

Among Asman’s 65 sound credits on his IMDB.com page, more than one-third of those are Eastwood-directed movies.

Asman stayed in Los Angeles, California, for about eight years, but he and his wife Jacquelyn moved to Union in northern Kentucky in the mid-1980s.

“My wife and I had a child, and I yearned to be back in Kentucky. Los Angeles is a tough place to live, it’s expensive,” he says. “So we moved back to Kentucky, and I went to work for a small production company in Cincinnati. But after three or four years, I realized I missed working in movies.”

In 1989, Asman got back into the movies and now commutes for work, staying in LA for two or three months at a time.

“I’ve been doing it that way for the last 25 years,” he says.

Asman and Murray were first

nominated in 1997 for a sound-effects editing Oscar for the movie “Eraser.” They also earned a nomination for the Eastwood movie “Space Cowboys” in 2001.

“You always have in the back of your mind, ‘Wow, wouldn’t it be great to be nominated one day?’ I’ll always be known as an Oscar nominee,” he says.

In 2007, he and Murray were nominated for two films at once, the World War II epics, “Letters from Iwo Jima” and “Flags of Our Fathers,” both directed by Eastwood.

“It was very rare to get two nominations in the same category. We didn’t know if that would help us or hurt us,” he says. “But we did win, and at that point my career was complete. I have an Oscar, it can’t get any better than that.”

But it did get better. He and Murray won a second Oscar earlier this year for “American Sniper,” and Asman continues to keep busy in Hollywood. He recently served as the sound-effects editor on the movie “Sicario,” which is directed by Denis Villeneuve and recently released. He has another upcoming Eastwood picture about pilot Chesley “Sully” Sullenberger, who landed a plane on the Hudson River in New York, New York.

“My career is complete. I’m coming up on 66 years of age, and I’m not going to do this much longer. I don’t feel I have much left to accomplish. I don’t think I’ll retire with any regrets or think I didn’t get as much out of my career as I could have,” he says. “I have been very lucky. I connected with good people and have been put in a position with films that do get noticed. I’m very fortunate.” ■



Information in Class Notes is compiled from previously published items in newspapers and other media outlets, as well as items submitted by individual alumni.

Kentucky Alumni magazine welcomes news of your recent accomplishments and transitions.

Please write to us at
Class Notes
UK Alumni Association
King Alumni House
Lexington, KY
40506-0119

Fax us at 859-323-1063;

Email us at

ukalumni@uky.edu or

submit your information in the online community at www.ukalumni.net
keyword: class

Please be advised that due to space constraints and the length of time between issues, your submission to Class Notes might not appear for several issues. We look forward to hearing from you!

COLLEGE INDEX

- Agriculture, Food & Environment — AFE
- Arts & Sciences — AS
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- The Graduate School — GS
- Health Sciences — HS
- Law — LAW
- Medicine — MED
- Nursing — NUR
- Pharmacy — PHA
- Public Health — PH
- Social Work — SW

Before 1960

Maurice G. Cook '57 '59

A FE is a retired soil scientist and professor emeritus at North Carolina State University in Raleigh. He was inducted into the National Association of Conservation Districts Southeast Region Hall of Fame in Tupelo, Mississippi.

1960s

William R. Chapman '60

EN is a retired Navy veteran after a 34-year career. He wrote a novel, "The Wake of the Pina Colada," about a group of retired military men who encounter a terrorist plot while on a cruise.

Thomas N. Moody '61 FA

is a retired English teacher at Franklin-Simpson High School in Franklin and has been the organist at the Presbyterian Church in Bowling Green.

Wayne P. Jones '64 BE

retired as the executive in residence at the University of Louisville College of Business. He was the director of the university's international master of business administration program from 2005-2011, supervising programs and teaching at five international locations. He was also the chief executive officer of Pizza Hut's International Franchise Association and had executive positions in the food and restaurant industries.

Mary Noe Hewitt '69 AFE

is the executive director of the Maryland Council on Economic Education in Towson. She had been a program consultant with the organization, as well as the associate director and director of education.

Glenn M. Kelly '69 EN

is the senior vice president at Qk4, an engineering firm headquartered in Louisville. He

was a state highway engineer and senior vice president for transportation and president and chief executive officer at Presnell Associates Inc., which became Qk4. Kelly earned the Career Achievement Award from the UK College of Engineering in 2008.

J. Wayne Purdom '69 EN

was inducted into the UK College of Engineering Hall of Distinction this year. He retired as the operating services department manager for ExxonMobil in Baton Rouge, Louisiana. Purdom coordinated the cleanup operation of the 1989 Exxon Valdez oil spill in Alaska and previously worked at Humble Oil and Refining Co.

Betty Moore Sandler '69 AS,

'81 LAW is an international law attorney and a partner in the firm Nichols Zauzig Sandler PC in Woodbridge, Virginia. She won the Betty A. Thompson Lifetime Achievement Award from the Virginia State Bar Family Law Section.

1970s

Floyd E. Henson '70 EN is

the founder, president and chief executive officer of Veytec Inc., which is headquartered in Orlando, Florida, and provides networking security and storage solutions. He was inducted into the UK College of Engineering Hall of Distinction this year.

Michael P. Milliken '70

ED is the bishop of the Episcopal Diocese of Western Kansas. Previously he was the rector and bishop for the diocese and was the rector at Grace Episcopal Church in Hutchinson, Kansas. He also was the vicar of St. Matthew's Church in the Diocese of Lexington and was the rector of Grace Episcopal Church in Florence.

Tony Smith '70 AS, '73 LAW



is an attorney and partner at Weinberg Wheeler Hudgins Gunn & Dial Trial Lawyers in the firm's Atlanta, Georgia, office. He was named Best Lawyers 2016 Lawyer of the Year in the field of construction litigation, the 10th straight year Smith was recognized by Best Lawyers.

William T. Robinson '71 LAW



is an attorney and partner at Frost Brown Todd LLC in charge of the firm's offices in

Florence and Cincinnati, Ohio. He was elected to a four-year term on the American Inns of Court Board of Trustees. He is the chairman of the National Judicial College and serves on the Attorney's Committee of the National Center for State Courts and is past president and treasurer of the American Bar Association.

Franklin D. Cheatham '72 AS

is the retired senior vice president for academic affairs at Campbellsville University in Campbellsville. He also taught at Western Kentucky University, Campbell University in Buies Creek, North Carolina, and Taylor County High School in Campbellsville.

Daniel King '72 AS, '78 LAW

is an attorney in Ashland. He was named to the board of Poage Bankshares, the holding company of Town Square Bank, which has 11 branches in Kentucky. King is also the assistant Boyd County attorney.

G. Michael Ritchie '72 EN

was inducted into the UK College of Engineering Hall of Distinction this year.



He is the former president and chief executive officer of Photo Science, now Quantum Spatial, an aerial mapping company headquartered in Lexington. Previously, Ritchie was appointed by President George W. Bush to advise the federal government on how to implement geospatial technology.

Rebecca Burris Nash '73 '74 AFE retired as the Cooperative Extension agent for Taylor County after a 28-year career. She was an economics teacher before joining the Extension Service.

Michael L. Strain '73 EN was inducted into the UK College of Engineering Hall of Distinction this year. He was the founder of the Stafford, Texas-based Spectrum Digital Inc., which generates development tools for engineers and programmers. He also worked for Texas Instruments.

Patrick E. Price '74 LAW is an attorney and partner in the firm Suit McCartney Price Price & Ruark PLLC in Flemingsburg. He is also the assistant Fleming County attorney and is vice chairman of the Morehead State University Board of Regents.

William J. Kehoe, '76 BE



is a William F. O'Dell Professor of Commerce at the University of Virginia McIntire School of Commerce in Charlottesville. Kehoe, who is in his 40th year as a faculty member at Virginia, was recognized at a reception in October and received a \$5,000 cash award. He also was granted the title Jefferson Scholars Foundation Faculty Fellow and was invited to participate in all the programs the Jefferson Scholars Foundation holds for

its Undergraduate Scholars and Graduate Fellows. Before joining the Virginia faculty, Kehoe held management positions in several major corporations and served in the U.S. Marine Corps.

William G. Wimpsett '77 '86 EN is a senior chemical engineer at PMC Organometallic's plant in Carrollton. He also worked at the Oak Ridge National Laboratory in Oak Ridge, Tennessee, and at Rhone-Poulenc in Louisville.

Sarah E. DeRossett '79 '81 AS is the vice president of clinical research and medical affairs at BioDelivery Sciences International Inc., a specialty pharmaceutical company with a focus in the areas of pain management and addiction medicine headquartered in Raleigh, North Carolina. She was a senior medical director at GlaxoSmithKline.

C. Wayne Honeycutt '79 '81 AFE is a soil scientist and the deputy chief for science and technology at the U.S. Department of Agriculture in Washington.

1980s

Carrie Bell Brown '80 DE is a retired dentist in Myrtle Beach, South Carolina. She was elected the 91st president of the National Dental Association.

Raymond E. Hammerschmidt '80 AFE is the interim director of Michigan State University (MSU) Extension in East Lansing. He was the interim associate director of MSU Extension and the associate chairman of the MSU Department of Plant, Soil and Microbial Sciences in the College of Agriculture & Natural Resources.

Sarah E. Wyatt '80 '84 AS, '91 AFE is a professor of environmental and plant biology at Ohio University in Athens.

Jeffrey J. Jones '81 BE is an attorney and partner in the firm Jones Day, which is headquartered in Columbus, Ohio. Jones is head of litigation for the firm's Detroit, Michigan, office.

Herbert H. McCoun '82 AFE lives in Salisbury, Maryland, and is a senior manager of supply chain at Allen Harim Foods LLC, headquartered in Seaford, Delaware. He was a supply manager at Perdue Farms.

Christopher W. Frost '83 BE, '86 LAW is a Thomas P. Lewis Professor of Law at the UK College of Law and was inducted into the American College of Bankruptcy. He is also the chairman of the board of the Kentucky Equal Justice Center and is on the advisory board for Child Advocacy Today. Frost is also a contributing editor to the Bankruptcy Law Letter and is a member of the Fayette Urban County Financial Policy Advisory Group.

Frederick S. Schriels '83 BE



is a commercial litigation attorney with Gray Robinson in the firm's Tampa, Florida, office. He was named to the Best Lawyers in America list for the second straight year.

Kenneth L. Seibert '83 EN is president of CMTA Consulting Engineers, a mechanical, electrical and plumbing consulting firm with its headquarters in Louisville. He was inducted into the UK College of Engineering Hall of

Distinction this year. In 2008, he was named the Planner of the Year by the Kentucky Chapter of the Council for Educational Facilities Planners International.

Carlton D. Paige '84 AS, '88 MED is a doctor and the medical director at Medical Transformation Center, a personalized medicine and anti-aging clinic in Louisville.

Ashley Simmons Rusher '84 AS, '87 LAW is an attorney with Blanco Tackabery & Matamoros PA in Winston-Salem, North Carolina, serving as a member of the firm's Management Committee and chairwoman of its business bankruptcy and creditors' rights practice group. She is the vice chairwoman of the bankruptcy section of the North Carolina Bar Association.

Brenner Lackey McDonald '85 AS is an attorney with Butler Snow in Nashville, Tennessee, in the firm's business services group. She was the co-founder and co-owner of Modern Management, an entertainment management company.

Alissa Deuel Turner '85 AS is a retired lieutenant colonel in the U.S. Army. She is an administrative assistant for Fairfax County Public Schools in Virginia.

W. Richard Marshall '86 BE is the chief executive officer of the Lutheran Homes Society, headquartered in Toledo, Ohio. He was the executive vice president and chief operating officer at Christian Care Communities Inc. in Louisville.

Scott Cave '87 EN is the northeast region sales manager for TestEquity, a provider of test and measurement equipment and services for electronic manufacturing,

headquartered in Moorpark, California. He was with Tektronix, where he held a senior-level sales position.

David E. Gamble '87

AS lives in Nashville, Tennessee, and is the regional vice president of sales for CarePayment headquartered in Lake Oswego, Oregon. He was the vice president of business development for Medical Reimbursements of America and was the co-founder and vice president of sales of ProClaim Inc., a professional billing services company based in Franklin, Tennessee.

Anne Galloway Kane '87

AS is the founder, editor and executive director of VT Digger.com, a statewide news website based in Montpelier, Vermont, that publishes watchdog reports on state government, politics, consumer affairs, business and public policy. She was the editor of Vermont newspapers Sunday Rutland Herald and Barre Montpelier Times Argus.

Michelle Frye Susie '87

NUR is a nurse practitioner at Mountainside Family Healthcare, an outpatient department of Sitka Community Hospital in Sitka, Alaska.

Pedro Bidegary '88 '94

AS is the director of the Study Abroad and Outreach program at Western Illinois University in Macomb. He was the international consultant in education and development for Educate Tanzania, a nongovernmental organization based in Chaska, Minnesota, and was the director of international programs at the University of Minnesota College of Food, Agricultural and Natural Resource Sciences.

Regina S. Edwards '88 AS is an assistant U.S. attorney for the

Western District of Kentucky. She was inducted into the 2015 Southeast Kentucky Community & Technical College Hall of Fame.

Michael J. Orefice '88 BE

is the managing director of Macquarie Bank Ltd.'s office in London, England. He was inducted into the Warren County Public Schools Hall of Distinguished Alumni.

Robert L. Ramey '88 BE,

'93 HS is the interim president of Baptist Health Madisonville. He was the vice president of ambulatory services at Baptist Health Richmond and the president and chief executive officer of Russell County Hospital in Russell Springs.

Brenda Wheeler Williams

'88 AFE is a senior landscape architect in Madison, Wisconsin, with Quinn Evans Architects.

Peter J. Kambelos '89 AS

is a doctor and owner of Seven Hills Medical Arts Inc. in Pierce Township, Ohio. He was elected president of the Academy of Medicine of Cincinnati, a not-for-profit professional association for physicians who practice or live in Hamilton County.

Tim A. Peterman '89 BE

is the executive vice president and chief financial officer for Evine Live Inc., an online shopping site. He was the chief operating officer and CFO for the Lexington-based J. Peterman Co. and the COO and CFO of Synacor, a media technology company.

1990s

Jeff F. Rogers '90 CI is the mayor of New Haven. He had served two terms on the New Haven Board of Commission.

John E. Bice '91 AS is a counselor and president of Beauterre Recovery Institute in Owatonna, Minnesota. He was the chief operating officer at Meridian Behavioral Health, headquartered in New Brighton, Minnesota.

Brian P. Butler '91 AS

is an attorney and partner in the firm Dathorne & Butler in Louisville. He was a Navy judge advocate, assistant Commonwealth's attorney and chief of general trial in Louisville, as well as assistant U.S. attorney for the Western District of Kentucky.

Michelle Funke Frommeyer

'91 BE is a certified financial planner at Waddell & Reed Inc. in Cincinnati, Ohio. She was named to the board of directors of the Gateway Community and Technical College Foundation in Covington.

John W. Kyle '91 EN

is the president of Apesoft Inc. and owns his own consulting firm, Kyle Ventures Advisors. He was inducted into the UK College of Engineering Hall of Distinction this year.

Samuel T. Spalding '91

LAW is the 11th Circuit Court, Division 1 judge for Green, Marion, Taylor and Washington counties.

Mark E. Boyer '92 AFE

is the director of the Robert Reich School of Landscape Architecture at Louisiana State University in Baton Rouge. He was the chairman of the Department of Landscape Architecture in the Fay Jones School of Architecture at the University of Arkansas-Fayetteville.

Paul A. Slone '92 EN

is a supervising engineer in the Atlanta, Georgia, office of the engineering firm Parsons Brinckerhoff, headquartered in

Montreal, Canada. He was the transportation group manager for URC Corp., in Cincinnati, Ohio, and was the traffic signals manager for the Lexington-Fayette Urban County Government.

Douglas Schelling '92 '97

AS is an intellectual property attorney with Frost Brown Todd in the firm's Nashville, Tennessee, office. He was with the firms Wyatt Tarrant & Combs LLC and Patterson Intellectual Property Law in Nashville.

Brad R. Belcher '93 BE

is the senior vice president of mortgage banking with First Security Bank in Owensboro. He previously was the mortgage market manager for PNC Bank.

Daniel B. Renick '94 PHA

is the co-president and chief commercial officer of Precision for Medicine and president of Precision for Value. He was president of Hobart Group Holdings, the director of corporate pharmacy at Humana Inc., and corporate account executive in the managed markets division of Merck & Co. Inc.

Jeffery D. Baldwin '95 BE

is the fire prevention officer for the Madisonville Fire Department.

Tonya Mounts Hatfield

'95 LAW is an attorney and founder of the firm Tonya L. Mount LC in Gilbert, West Virginia.

Ann L. Schultz '95 AFE

is the Carroll County Extension agent for Family and Consumer Science in Carrollton. She was a middle school family and consumer science teacher for Jefferson County Public Schools.

Kentucky Captures 17th Final Four & Takes Big Blue Nation on
AN UNFORGETTABLE RIDE



LET'S BALL

2014-15 KENTUCKY BASKETBALL: A SEASON TO REMEMBER DVD

Celebrate the team's unforgettable ride with an exclusive look at the Kentucky Wildcats' historic season featuring behind the scenes video, game highlights, interviews with players and head coach John Calipari.

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Keeley Igo Steele '95 FA is a business woman and restaurant owner in Charleston, West Virginia. She is on the Charleston City Council representing Ward 10.

Jason K. Bewley '96 BE is the chief financial officer for Silver Airways, an airline headquartered in Fort Lauderdale, Florida. He was the CFO of All Aboard Florida and was vice president of finance for World Fuel Services.

Christopher A. Carmicle '97 EN is a partner, president and chief operating officer of DEMK Development Group, a development and general construction firm in Louisville that focuses on health care and senior housing. He was the president of Brown Jordan International Inc., a Florida-based outdoor manufacturer.

Michael J. Dorff '97 AS is the chairman of the Department of Mathematics, founder and director of the Center for Undergraduate Research in Mathematics at Brigham Young University in Provo, Utah.

Todd L. Phillips '97 BE is the chief financial officer for Industrial Services of America Inc. in Louisville. He was the CFO and CEO for CRS Reprocessing LLC and the CFO at Genscape Inc. Phillips is also a certified public accountant.

Jean C. Davis '98 BE is professor of marketing in the Department of Business Administration at Trinity University in San Antonio, Texas.

Xinkai Jiang '98 '01 '03 EN is the manager of process engineering at the engineering firm Eriez in Erie, Pennsylvania.

Joshua D. Smith '98 FA is an assistant professor of music at Bethel University in McKenzie, Tennessee.

Kimi L. Andaya '99 AS is a dentist at Castle Dental's office in Hendersonville, Tennessee.

Christopher L. Day '99 HS, '02 PH is the senior vice president, strategy and care management for Kindred Healthcare Inc. in Louisville. He previously was the chief business development officer at Aetna Inc.

Rachel Boggs Mills '99 EN is the director of the Division of Construction Procurement at the Kentucky Transportation Cabinet in Frankfort. She was a transportation branch engineer with the cabinet.



Michael B. Tomblyn '99 MED is the senior vice president and executive medical director of Navidea Biopharmaceuticals in Dublin, Ohio. He was the senior medical director of Bayer Healthcare/Algeta and was the assistant member and director of clinical research in the Department of Radiation Oncology at the H. Lee Moffitt Cancer Centre in Tampa, Florida. Tomblyn also was an assistant professor in the Department of Oncologic Science at the University of South Florida in Tampa.

2000s

Mary Clark Coreno '00 AS is an attorney and partner in the firm Carter Conboy Case Blackmore Maloney & Laird PC with offices in Albany and Saratoga Springs, New York.

DeWayne P. Frazier '00 GS is the vice president of academic affairs at Iowa Wesleyan College in Mount Pleasant. He was the associate vice president for academic affairs, dean of the graduate school and associate professor of international studies at Campbellsville University.

K. Timothy Kline '00 GS, '07 LAW is an attorney with the firm Sullivan Mountjoy Stainback & Miller PSC in Owensboro. He was with the firms Stoll Keenon Ogden PLLC and Cravath Swaine & Moore LLP. Before he became an attorney, Kline was an intelligence officer in the U.S. Air Force.

Leslie Preston Meredith '00 AFE is a seventh-grade science teacher at West Hardin Middle School in Cecilia. She was named the Kentucky Green and Healthy Schools 2015 Teacher of the Year by the Kentucky Environmental Education Council.

Benjamin G. Dusing '01 LAW is the founder and managing partner of BDG Law PLLC in Covington. He was named to the board of directors of the Gateway Community and Technical College Foundation in Covington.

Karen F. Lahm '01 AS is an associate professor of anthropology and sociology at Wright State University in Dayton, Ohio.

Mark A. Pitchford '01 EN, '05 LAW is a patent attorney with the firm Lansden Dorth & Davis LLP in Nashville, Tennessee. He was with the firm formerly known as Waddy & Patterson in Nashville.

G. Brian Wells '01 AS



is an attorney with the Louisville-based firm Wyatt Tarrant & Combs LLC in the Lexington office. He was named president of the Energy & Mineral Law Foundation for 2015-2016.

Barbara G. Wilderman '01 BE is a regional vice president of the Southeast Division of John Hancock Retirement Services in the company's Columbia, South Carolina, office.

Edward R. Carr '02 AS is the director of the International Development, Community and Environment Department at Clark University in Worcester, Massachusetts. He was the associate director of the Walker Institute and director of the Humanitarian Response and Development Lab at the University of South Carolina in Columbia. Carr also served as a Fellow for the American Association for the Advancement of Science.

Brandon S. Abdon '02 '03 ED is the director of the AP English curriculum and content development for the College Board in Atlanta, Georgia. He previously taught English at Highlands High School in Fort Thomas.

Angela Hill Green '02 '04 EN is an assistant professor of agricultural and biological engineering at the University of Illinois at Urbana-Champaign and director of the university's Animal Welfare and Environmental Systems Laboratory.

Stephanie Murphy Lanham '02 BE, '04 PH is the system vice president, surgical and orthopedic/spine services

at Norton Healthcare in Louisville. She was the system director and specialty group administrator at Norton Healthcare.

Clyde W. Pickett '02 AFE is special assistant to the president for diversity and inclusion at the Community College of Allegheny County, which has four campuses in Pennsylvania. He was named to the board of directors of the National Association of Diversity Officers in Higher Education.

Jennifer Potter Quillen '02 BE is an investment counselor at Edward Jones Investment in the firm's Nicholasville office. She is the president of the Nicholasville chapter of Gurlz for Gurlz LLC, a faith-based networking organization supporting women in business and life.

Todd D. Siroky '02 HS is an attorney and founder of Siroky Law PLC in Jackson, Tennessee. He was with the firm Rainey Kizer Reviere & Bell PLC.

Sara Lyons Worcester '02 MED is an obstetrician-gynecologist with Gynecologic and Obstetric Consultants of Greater Cincinnati in Cincinnati, Ohio. The practice was acquired by TriHealth Physician Partners, the second-largest doctor group in greater Cincinnati.

Leslie A. Asbury '03 PH is an otolaryngologist at Harrison Memorial Hospital in Cynthiana. She is a member of the American Academy of Otolaryngology.

Sara Lin Chou '03 AS, '07 MED is a doctor at TriStar Greenview Regional Hospital in Bowling Green, Kentucky. She was inducted into the Warren County Public Schools Hall of Distinguished Alumni.

Wendy Harper Hillard '03 EN is a supervising engineer in the Lexington office of the firm Parsons Brinckerhoff, headquartered in Montreal, Canada. She previously was a bridge design engineer for GRW Engineers in Lexington.

Isaac Duncan '04 FA is a sculptor living in Chattanooga, Tennessee. He has worked as an artist-in-residence in Illinois, Michigan, and at the Chattanooga Association of Visual Arts.

Karen S. Miller-Potter '04 AS is the director of the School of Behavioral and Social Science at West Virginia Wesleyan College in Buckhannon, West Virginia.

Ian L. Valerio '04 MED is an associate professor of clinical plastic surgery and chief of the Division of Burn, Wound, and Trauma in the Department of Plastic Surgery at the Ohio State University Wexner Medical Center in Columbus. He was an adjunct professor in the Department of Plastic & Reconstructive Surgery at the University of Pittsburgh Medical Center and was head of general and trauma surgery at Walter Reed National Military Medical Center in Bethesda, Maryland.

Christopher S. Holland '05 FA is the lighting supervisor for arts and cultural programming for the Department of Theater and Dance in the College of the Arts at Montclair State University in Montclair, New Jersey. Holland was a member of the Madison Scouts Corps of Brothers drum and bugle corps which preceded Santa Claus at the 2014 Macy's Thanksgiving Day parade in New York, New York.

CAREER CORNER

Smart Search: Shorten your job search



Caroline Francis

Rick Johnson, associate vice president with the Kentucky Science and Technology Corp., recently shared strategies with the Central Kentucky Job Club that can shorten a job search.

- **Don't get eliminated:** Part one is not getting eliminated. The strategies below address this. Part two comes after you get your foot in the door for the interview.
- **Get over it:** Tell everyone you are looking for your "next opportunity." Stay positive and don't focus on the details of why you are no longer in your last position.
- **30-second pitch:** Your sales pitch or oral teaser should focus on how you can help employers or organizations.
- **Introduction email or cover letter:** This is a brief summary of your 30-second pitch where you ask a favor. Or, in an email that contains your resume, state that you meet all the requirements of an opening with some brief examples.
- **Resume:** Create one immediately. It can be chronological or skills based. Your resume must validate your pitch and cover letter in three seconds or you will be eliminated.
- **LinkedIn:** Professionals must use LinkedIn for networking; employers use LinkedIn to validate candidates. Be sure the information in your profile supports your resume or you will be eliminated. It also must include a professional picture, email address, phone, etc. (Hard to reach people are eliminated.)
- **Business cards:** Use a simple version with name, contact information, branding statement or key credentials.
- **Finances:** How long will your search take? Will you run out of money? Extend this time by cutting expenses now.
- **Networking:** Networking is the single most important thing you can do to get a job. Get out of your house, and initiate conversations to see if your skills match the interests of others.
- **Hidden jobs:** Most jobs are unadvertised and filled via word of mouth. This is why you must network and ask people to tell you about themselves.
- **Interviewing:** Do your homework and prepare sufficiently. Practice, practice, practice.
- **Cover letters, prepared references, thank you notes, etc.:** Crisp, short and to the point should be your mantra on everything.

Visit <https://kentuckyalumni.net/jobclubvideo> for a complimentary recording of Johnson's Job Club presentation.

UK Alumni Association members are eligible for two complimentary appointments per year with an alumni career counselor. Call 1-888-9UK-CATS (852287) to schedule an appointment. Visit www.ukalumni.net/career to learn more about Alumni Career Services.

Joseph D. Slusher '05 AFE, '09 MED is a radiologist at Middlesboro ARH Hospital.

Jeremy C. Ashby '06 AFE is the head chef and co-owner of Azur Restaurant and Patio in Lexington. He previously was the executive chef at Merrick Inn and Murray's in Lexington.

Meagan Rideout Brien '06 AS is an attorney with the Louisville-based firm Bingham Greenebaum Doll LLP in the Evansville, Indiana office.

Jack R. Cochran '06 '07 FA is an artist based in Nicholasville.

Amit K. Dulabh '06 AS, '10 MED is a pediatrician with Owensboro Health Pediatric Center. He did his residency at Greenville Hospital Systems in Greenville, South Carolina.

Candace Brown Dulabh '06 is a physician assistant (PA) with Owensboro Family Health. She was previously at PA at New York Presbyterian Hospital.

Christopher M. Morris '06 '10 HS is a second-year student at the East Tennessee State University Quillen College of Medicine in Johnson City. He won a 2014 Don Brewer Scholarship, awarded by the Mountain States Foundation to three Mountain States Health Alliance-connected students pursuing careers in health care.

Stacey Marzano Russell '06 AFE is a counselor at Turkey Foot Middle School in Edgewood. She received the Emerging Leader Award by the Kentucky School Counselor's Association.

Laura Buchanan-Scott '06 AS is a dentist and the owner of Laura B. Scott Family and Cosmetic Dentistry in Liberty.

Charles W. Denison '07 CI is a journalist and staff writer for the News-Argus in Lewiston, Montana. He took first place in the Best News Story category in the Montana Newspaper Association Better Newspaper Contest.

Donna Rice Hedgepath '07 FA is the vice president for academic affairs at Campbellsville University in Campbellsville. She previously was the dean of the Campbellsville University School of Education.

Bryan E. Baise '07 AS is an assistant professor and program director of worldview and apologetics at Boyce College, a school of the Southern Baptist Theological Seminary in Louisville.

Donald M. Buckman '07 '11 ED is the clinical director of the Child and Adolescent Division at Egyptian Public & Mental Health with offices in Carmi and Eldorado, Illinois.

Chad G. Mattingly '08 AS is the county clerk in Marion County.

William M. Meyer '08 '14 AFE is the Harrison County Extension agent for 4-H Youth Development in Cynthiana. He was selected to participate in the Kentucky Farm Bureau Leadership Enhancement program, a two-year program which prepares future agricultural leaders.

Nicole M. Etter '09 '14 HS is a researcher and assistant professor in the Department of Communication Sciences and Disorders in the College of Health and Human Development at Pennsylvania State University.

James K. Fleming '09 MED is a neurologist at Saint Thomas

West Hospital in Nashville, Tennessee.

Kara M. Harp '09 CI is an attorney at The Lawrence Firm PSC in Covington. She earned her law degree from the Salmon P. Chase College of Law at Northern Kentucky University.

Jason R. Harrington '09 EN lives in Louisville and is chief creative officer of GearBrake, a start-up company which makes a brake safety system for motorcycles. GearBrake won one of the 2014 Vogt Invention & Innovation Awards, which gives the company \$100,000 to continue working on manufacturing the device. Harrington and the company's CEO, Chris Bailey, a former UK student, also won a \$5,000 award at the Kentucky Angel Investors competition.

Emma S. Lovely '09 SW is a psychotherapist in the behavioral health department at the Essentia Health Hermantown Clinic in Hermantown, Minnesota.

Samuel B. McGuire '09 AS is an assistant professor of history at Tennessee Wesleyan College in Athens.

Gregg Alan Morton '09 BE lives in New York, New York, and is the co-founder and chief executive officer of the Lexington-based app WeStyle, that provides real-time style advice. He also co-founded the investment website investimonials.com and worked for Western & Southern Financial and Citigroup. Morton also served as a board member for Care for Kenya, a New York 501c3 nonprofit which provides vocational training and micro financing for sustainable economic growth efforts and progression in Africa.

Albert Phillip Owens '09 MED is an assistant professor in the Division of Cardiovascular Health and Disease at the University of Cincinnati College of Medicine.

Tiffany G. Reid '09 AFE is a health management and engagement specialist at McHohan Brabender, an independent health benefits company, in its Dayton, Ohio, office.

Alvaro N. Romero '09 AFE is an assistant professor of urban entomology in the College of Agricultural, Consumer and Environmental Sciences at New Mexico State University in Las Cruces.

Jason C. Vest '09 FA is an assistant professor of voice in the Department of Music in the Northern Kentucky University College of Arts & Sciences in Highland Heights. He was an assistant professor at Eastern New Mexico University in Portales.

2010s

Brittany V. Ford '10 FA is the band director at North Middle School in Vine Grove. She was named the Outstanding Young Band Director by the Phi Beta Mu International Bandmasters Fraternity.

Megan Funk '10 BE is the director of Stanford-Lincoln County Tourism in Kentucky. She was previously the interim executive director for Georgetown Main Street.

Lev A. Orlov '10 BE is an acquisitions specialist at Viking Partners, a Cincinnati, Ohio, private equity real estate firm.

Renee M. Kaufmann '11 '14 CI is an assistant professor of communication studies in the School of Humanities and Social Sciences at Indiana University East in Richmond. She was a course development instructional designer in the Office of eLearning in Analytics and Technologies at UK.

Tina M. Kruger '11 PH is an assistant professor of applied science in the Indiana State University College of Nursing, Health and Human Services in Terre Haute. She was the inaugural recipient of the Rising Star Junior Faculty Honor Award from the Association for Gerontology in Higher Education.

Adam M. McMahan '11 MED is a family medicine doctor at the SouthEast Alaska Regional Health Consortium Haines Health Center in Haines. He was previously at the Providence Family Medicine Center in Anchorage.

Lauren A. Payne '11 AS, '15 PHA earned a doctor of pharmacy degree from the UK College of Pharmacy.

Leeann McKenna Spivey '11 NUR is a nurse practitioner with Northgate Medical Group in Harrodsburg.

Tristian A. Moorman '12 AFE, '13 BE is a graduate student pursuing degrees in pharmacy and public administration at UK. He was awarded the Omicron Delta Kappa Impact Award from the UK Nu Circle chapter. Moorman is president of the UK College of Pharmacy Class of 2017, vice president of the UK Pre-Pharmacy Club and a member of the Student National Pharmaceutical Association.

Deborah J. Thompson '12 AS is an assistant professor of general studies and coordinator of country dance programs at Berea College. She was previously the director of the Appalachian Semester and assistant professor of Appalachian studies at Union College.

Michael D. Quillen '12 ED is the vice president of academic programs at Rowan-Cabarrus Community College, with campuses in Salisbury, Concord and Kannapolis, North Carolina.

Kristy Michelle Hyden '13 ED is a student in the physical therapist assistant program at Somerset Community College. She received the 2015 American Physical Therapy Association Orthopedic Section Outstanding PTA Student Award.

Abby N. Van Meter '13 AFE is a nutritionist with the Nelson County Cooperative Extension Service in Bardstown.

Brittany A. Wells '13 AS, '15 GS is serving an internship with the Department of Homeland Security in Washington working for the U.S. Citizenship and Immigration Services in the Refugee, Asylum, and International Operations Department.

Lindsey T. Boone '14 AFE is the Daviess County Extension agent for 4-H Youth Development in Owensboro.

John R. Carney '14 LAW is an attorney with Carter Conboy in the firm's Albany, New York, office.

William E. Cartwright '14 LAW is an attorney with the firm Jackson Kelly Attorneys

at Law PLLC, with its home office in Charleston, West Virginia. Cartwright works in the firm's Evansville, Indiana, office.

Blake S. Gies '14 EN is a project engineer at Russell Environmental Consulting LLC in Georgetown. He was an engineer with Cornerstone Environmental Group LLC in the firm's Lexington office.

Anthony C. Parrish '14 BE is the co-owner of Kentucky Spring, a wooden tool-making business in Winchester.

Lauren J. VanHook '15 PHA earned a doctor of pharmacy degree from the UK College of Pharmacy.



Lauren Hersh '07 AFE of Chicago, Illinois, and fiancé Joe D'Amico '10 AS of Champaign, Illinois, were proud to be Wildcats while touring in Greece this past summer, shown here visiting the ancient theater of Epidaurus. The couple says they received comments from three separate groups that were so excited to see UK Blue: a current student, a grad student and a family from Kentucky. "Love that you can travel anywhere in the world and you can still find multiple UK fans!" says Hersh.

What about YOU?! Show us where you are wearing your UK pride. Send us your UK spirit photos at UKalumni@uky.edu and you might end up in Kentucky Alumni magazine or on our social media!

E. Milton Cole '37
Sarasota, Fla.

Frederick W. Atkinson Jr. '41
Valdosta, Ga.

William R. Price '46
Huntington, W.Va.,
Life Member, Fellow

Zebrum S. Dickerson Jr. '47
Staunton, Va.

Martha Clements Ewing '47
Memphis, Tenn.

Lillian Bosquit Bassett '48
Henderson, Ky.,
Life Member

William H. Breeze '48
Danville, Ky.

Thomas H. Cash Jr. '48
Chattanooga, Tenn.

Burt V. Halbert III '48
Parrish, Fla.,
Life Member

Richard L. McConnell '48
Kingsport, Tenn.,
Life Member

J. Craig Riddle Jr. '49
Madisonville, Ky.,
Life Member, Fellow

Betty Barnett Royster '49
Lexington, Ky.,
Life Member, Fellow

Elza F. Burch '50
Lexington, Ky.

Delbert D. Cayce III '50
Hopkinsville, Ky.,
Life Member

Charles S. Little '50
Kettering, Ohio,
Life Member

Ramon J. Mehlenbacher '50
Geneva, N.Y.

Marvin Nicholson Jr. '50
Lexington, Ky.

James C. Blair '51
Columbia, Ky.

William C. Prichard '51
Spring, Texas

Thomas B. Ratliff '51
Pikeville, Ky.

Dan K. Rawlings '51
Corbin, Ky.

William R. Rice '51
South Daytona, Fla.

Harold H. Buckles '52
Louisville, Ky.

Bruce C. Cotton '52
Wilmore, Ky.,
Life Member, Fellow

Arthur W. Francis '52
Lexington, Ky.

George R. Healy '52
Atlanta, Ga.

John B. Hill '52
Shreveport, La.

Richard W. Lyon '52
Hopkinsville, Ky.

Mary Tichenor Beltz '53
Maumee, Ohio

Jane Clark Reynolds '53
Asheville, N.C.

Louis C. Tsioropoulos '53
Louisville, Ky.,
Life Member

Janet Fischer Hoyer '54
Phoenix, Ariz.

Joseph J. Schmitt Jr. '54
Louisville, Ky.,
Life Member, Fellow

Allis Eaton Bennett '55
Saint Matthews, Ky.,
Life Member

Loren K. Davidson '55
Oneonta, N.Y.

Albert A. Dusing '55
Kansas City, Mo.

Clayton B. Flynn Jr. '55
Town and Country, Mo.

Kenneth J. Wessel '55
Louisville, Ky.

John R. Foster '56
Louisville, Ky.

Leon Meenach '56
Locust Grove, Ga.

Clement Ritter Jr. '56
Frankfort, Ky.

John G. Stober '56
Louisville, Ky.

Kenneth D. Handy '57
Columbus, Ohio

Donald M. Buckley '58
Maysville, Ky.

Frances Tignor Dockins '58
Nashville, Tenn.

Archie B. Gragg '58
Bowling Green, Ky.

Joseph M. Gray '58
Frankfort, Ky.

Glenn L. Greene Jr. '58
Lexington, Ky.

James E. Ingle '58
Lexington, Ky.,
Life Member, Fellow

Aubrey D. May '58
Lexington, Ky.

JoAnn Fisher Berryman '59
Nicholasville, Ky.

Lester H. Burns '59
Campton, Ky.,
Life Member

Bernard E. Horsley '59
Nashville, Tenn.

Jackie Elswick Kirn '59
Lexington, Ky.

Allen W. Lindsay '59
Avon Lake, Ohio

Margaret Brumleve Roberts '61
Louisville, Ky.,
Life Member

Judith Harreld Taylor '61
Dover, Del.,
Life Member

Kenneth M. Brantferger '62
Dallas, Texas

Michael N. Burke '62
Lexington, Ky.,
Fellow

Glenda D. Merhoff '62
Brentwood, Tenn.

Ewing G. Rascoe '62
Owensboro, Ky.

Douglas C. Griffin '63
Henderson, Ky.,
Life Member, Fellow

H. H. Rice Jr. '63
Bradenton, Fla.,
Life Member

Jacqueline Wilson Wallace '63
Dry Ridge, Ky.

Kenneth W. Blessinger '64
Farragut, Tenn.

Habib Jafarzadeh '64
Lexington, Ky.

Donald W. Kreutzer '64
Clarksville, Mo.

Willard L. Mahan '64
Louisville, Ky.,
Life Member

Eugene G. Sayre '64
Little Rock, Ark.

Alice W. Manchikes '65
Erlanger, Ky.,
Life Member

Charles H. Padgett '65
Clarksville, Tenn.

Rosemary Mathis Rahn '65
Ponte Vedra Beach, Fla.

Mary Duncan Cave '66
Greenville, Tenn.

Jackson H. Chadwell '66
Lexington, Ky.

Earl D. Collins '66
Louisville, Ky.

Betty Cundiff Hisle '66
Lexington, Ky.,
Life Member

William A. Isaacs Sr. '66
Somerset, Ky.

Doris J. Waren '66
Lexington, Ky.

William G. Russell '67
Louisville, Ky.

Robert G. Waite '67
Maple Grove, Minn.

Tom Rupert '68
Ashland, Ky.,
Fellow

Marsha Fain Blevins '69
Ashland, Ky.

Ann K. Murphy '69
Annandale, Va.

Gary S. Poole '69
Versailles, Ky.,
Life Member

Stanley Napier Jr. '70
Lexington, Ky.

John W. Clay II '71
Mount Sterling, Ky.,
Fellow

James P. Oliver '71
Winchester, Ky.,
Life Member

Suzanne Cook Saunders '71
Ridgeland, Miss.,
Life Member

Brenda L. Gilliam '72
Louisville, Ky.

Marsha A. Phillips '73
Franklin, Ohio

Kenneth L. White '73
Clearwater, Fla.

Carl H. Bradley '74
Hattiesburg, Miss.

Roger W. Koonce '76
Clemson, S.C.

Benjamin F. Harp '77
Wilmore, Ky.

John R. Quinn III '77
Lower Swatara Township, Pa.

Karen Temple Michler '78
West Lafayette, Ind.

David C. Thompson '78
Louisville, Ky.,
Life Member

John W. Bassett Jr. '79
Hartford, Ky.

Becky Ray '79
Nashville Tenn.,
Life Member

Michael K. Spurlock '79
Lexington, Ky.

Phillip M. Jacobs '80
Edgewood, Ky.

Robert R. Marshall '80
Versailles, Ky.

Troy G. Brewer '84
Milford, Ohio

Dawn Collinsworth Farley '86
Xenia, Ohio

Pamela P. Wallace '87
Athens, Ala.

John A. Sharp '88
Lexington, Ky.

Sean G. Peterman '90
Carlisle, Ky.

Clifford R. Miller '92
Lexington, Ky.

Virginia Taggart Downs '95
Peoria, Ill.

Virginia F. Reeder '96
Morehead, Ky.

Kendra K. Hatcher '10
Dallas, Texas

Chase Parker Powell '10
Glasgow, Ky.

Alex Poynter '14
West Palm, Fla.

Former students and friends

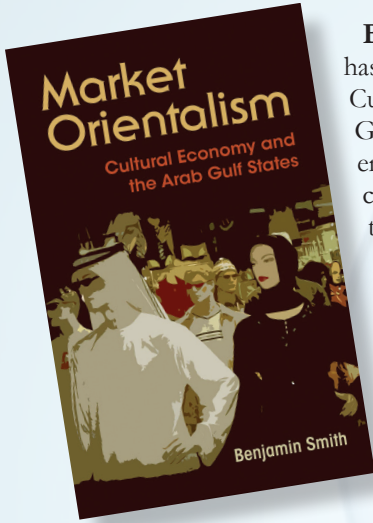
Lelia Dill Angelucci
Lexington, Ky.,
Fellow

Ed G. Lane III
Lexington, Ky.,
Fellow

Ruth L. McCornack
Lexington, Ky.,
Fellow

Peggy Keller Silhanek
Louisville, Ky.,
Life Member, Fellow

Creative Juices



Benjamin N. Smith '03 '08 AS has written “Market Orientalism: Cultural Economy and the Arab Gulf States,” which examines how emerging markets are imagined as cultural economic spaces — spaces that are assembled, ranked, desired and sometimes punished in ways built on earlier forms of dealing with “backward” economies and peoples. This not only impacts investment and guides policy, but also creates stories of economic value that separate “us” from “them.” While market Orientalism functions

anywhere, Smith focuses on the Arab states of the Gulf. These Arab states are leaders in many of the measures of absolute wealth that have traditionally defined success in the global economy, but they have had a much harder time becoming accepted in the equally fractured and hierarchal realm of the cultural economy where practices, signs and perceptions of propriety matter.

Through field research and extensive analysis of news archives, Market Orientalism addresses motivations for economic relations and provides a framework to analyze how prejudice, fashion, taste and waste are vital to narrow and widespread forms of economic activity.

Syracuse University Press
syracuseuniversitypress.syr.edu

Michelle Edrington Areaux '09 ED is the author of “Wicked Cries,” about a young girl who can communicate with the dead and finds a hidden journal in Salem, written by a once persecuted witch who documented the last few days of her terrifying life.

Black Rose Writing
amazon.com

Brianna S. Moss '09 AS has written the children’s book, “Antonio the Bear,” about a bear that helps a little girl named Sydney adjust to travelling around the world in a military family.

Xlibris
www.amazon.com

Ed Hamilton '85 AS is the author of “The Chintz Age: Tales of Love and Loss for a New New York,” a collection of seven stories and a novella about a clash of old and new cultures, and characters forced to confront their own obsolescence.

Thervena Barva Press
www.thelostbookshelf.com

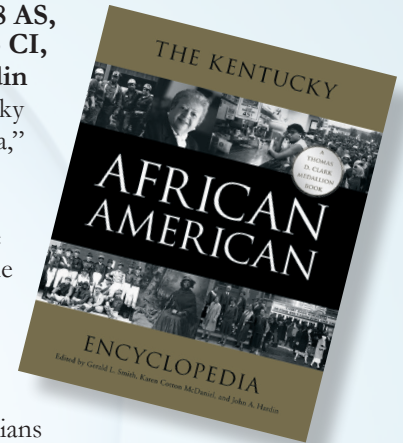
Anthony W. Jones '13 AS, writing under the pen name Anthony Wade, Jones has written “The Grandmother Society,” which is the second book of a trilogy and focuses on a new world society that not everyone can be a part of.

Elsa’s Shelf
www.amazon.com

Gerald L. Smith '81 '83 '88 AS, Karen Cotton McDaniel '73 CI, '03 '13 AS and John A. Hardin are the editors of “The Kentucky African American Encyclopedia,” which is an indispensable reference book for researchers that contains the work of more than 150 writers highlighting the individual stories of African Americans in Kentucky, a diverse and vibrant history. The encyclopedia includes biographical sketches of politicians and community leaders, as well as pioneers in art, science and industry. Kentucky’s impact on the national scene is registered in an array of notable figures, such as writers William Wells Brown and bell hooks, reformers Bessie Lucas Allen and Shelby Lanier Jr., sports icons Muhammad Ali and Isaac Murphy, civil rights leaders Whitney Young Jr. and Georgia Powers and entertainers Ernest Hogan, Helen Humes and the Nappy Roots.

Featuring entries on the individuals, events, places, organizations, movements and institutions that have shaped the state’s history since its origins, the volume also includes topical essays on the civil rights movement, Eastern Kentucky coalfields, business, education and women. The book is an essential guide to the black experience in the Commonwealth.

University Press of Kentucky
www.kentuckypress.com

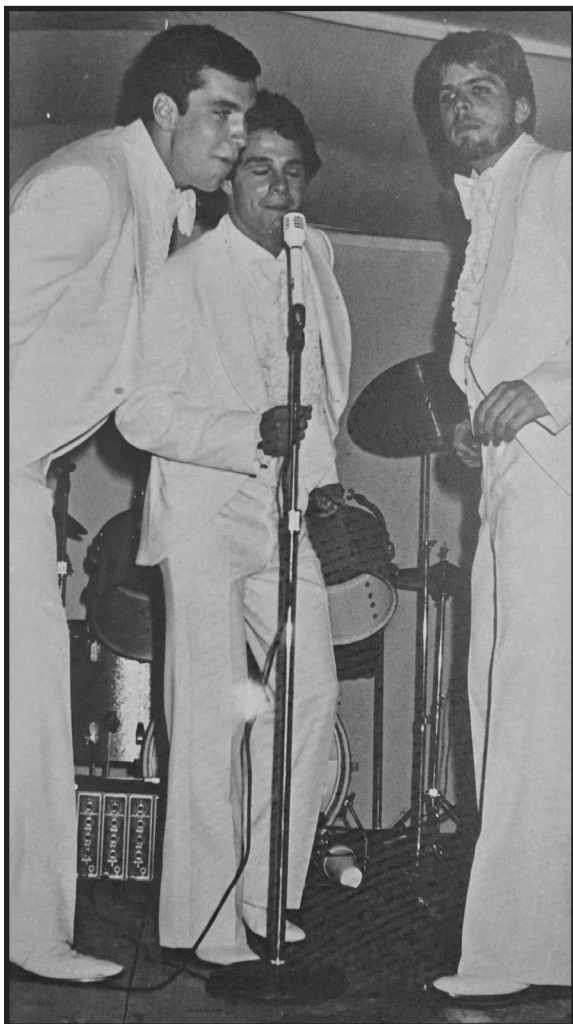


Beth Hoge Gully '82 FA has written and illustrated “The Other Side of Christmas,” a children’s book that tells the story of Santa Claus when reading it from front to back, and the story of the birth of Jesus when the book is flipped and read in the other direction.

animotionlogos.com

Jason Silverman '81 AS is the author of “Lincoln and the Immigrant,” which examines Lincoln’s views on the place of the immigrant in America’s society and economy, and offers a new perspective on the 16th president.

Southern Illinois University Press
www.siupress.com



48
years ago...

The Cosmopolitan Club regularly held social functions in 1967, such as dinners, picnics, parties and local trips to welcome new international students and reunite those who were returning to campus.

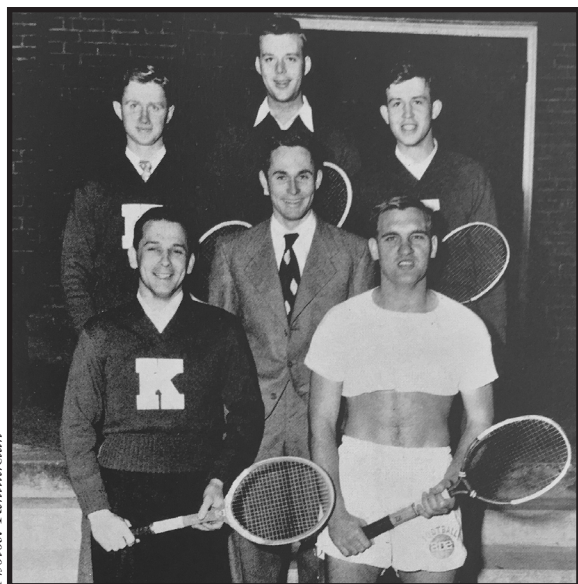
A trip down memory lane

16
years ago...

In 1999, UK student members of the American Society of Engineers labored to get their boat ready in time to compete in the organization's concrete canoe competition.

37
years ago...

John Larkin, Paul Schlick and Dave Wilson of SAE formed a harmonious trio to entertain the crowd during the fall 1978 rush.



Photos: Kentuckian

66
years ago...

The UK tennis team captured six matches while dropping three during their 1949 season to give a good account of themselves in the spring sports program. Back row, left to right: Charles Holland, Dave Epley, Ben Kanatzar. Front row: Omar Tatum, Coach Andy Patron, Jerry Claiborne.

A fitting honor



Photo: UK Public Relations & Marketing

A ceremony on the UK campus marked the unveiling of the name change of one of the university's new residence halls from Central Hall I to Lyman T. Johnson Hall, in honor of the late civil rights pioneer who became the first African American admitted as a student to UK. The request to rename the residence hall was submitted by the Lyman T. Johnson African American UK Alumni Constituent Group and was recommended by the Advisory Committee on Naming University Property. Johnson was widely-known as an eloquent speaker, and not only opened the doors to education for thousands of minority students, he also led struggles to integrate neighborhoods, swimming pools, restaurants and other facilities. Attending the renaming ceremony this fall were, left to right, back row: Tasha Hutchins, wife of Imar Lyman Hutchins; Lyman M. Johnson, son of Lyman T. Johnson; Imar Lyman Hutchins, grandson of Lyman T. Johnson and son of Yvonne Johnson Hutchins; Walter W. Hutchins, father of Imar Hutchins. Front row: Imari Lyman Hutchins and Haile Hutchins, great-grandchildren of Lyman T. Johnson. ■

With your help, I can find the solution.

Cazmon Suri
Senior - Biosystems Engineering

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—Wesley, father of Gill Heart Institute patients
Jon Wes and Gardner Adams

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