
KENTUCKY

Alumnus



Mashburn's True Persona
For Heaven's Sake
Teaching First
What Takes So Long?

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COVER

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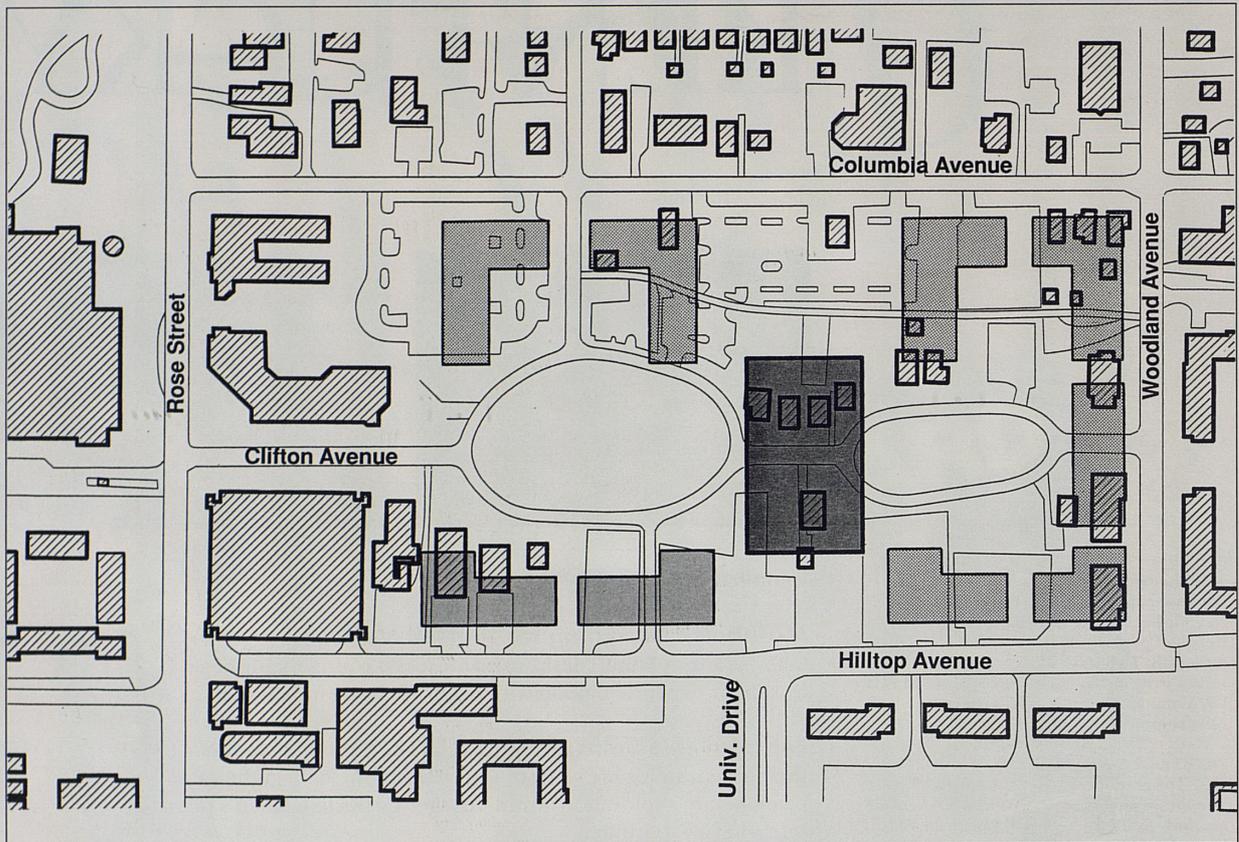
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University Archives
Margaret I. King Library - North
University of Kentucky
Lexington, Kentucky 40506

Received in mail 2-24-1993



UK's new library will have about 387,000 square feet and will cost an estimated \$58 million. The university has raised more than \$17 million in private and corporate contributions toward the new library and endowments to support it. The Kentucky General Assembly authorized UK to proceed through the planning and design stages with the private contributions.

Home of New Library

UK has chosen a specific site within 30 acres known as the Clifton Park area where it will build a new central and life sciences library.

The property is bounded by Rose Street, Columbia, Hilltop and Woodland avenues.

The specific site is slightly offset from the center of the property and is on a "highly buildable site between two natural depressions," says UK architect Warren Denny.

The library site and suggestions for locating future academic buildings in the area were recommended by the physical planning services firm of Hardy Holzman Pfeiffer Associates of New York City.

An extensive study of the area was performed by the planning firm working in close cooperation with the

architectural firm which will design the library, Kallmann McKinnell & Wood, Inc., Architects of Boston, Mass.

Malcolm Holzman, a senior partner in the planning firm, presented the planning services report to the university's administration.

Denny said the detailed presentation, which included many drawings of optional uses for the buildable land in the area, took into consideration such characteristics as extensive green space, pedestrian circulation patterns, the property's relationship to the rest of the campus and the slope of the land.

Casual observers might think that the land there is relatively flat, but, actually, it is characterized by a gentle slope which rises from Rose Street to University Drive and then levels toward Woodland Avenue.

"The planners took that into consideration as they chose the site for

what will be the premier structure on that property," Denny said.

Another consideration in the detailed analysis of this property is the manner in which elements of the existing campus to the west of the site and University Drive form two important "axes" that intersect at the proposed site for the library, Denny said.

One axis runs through Memorial Hall, extends eastward through campus and, after crossing Rose Street, passes through the library site. The other axis is formed by the extension of University Drive and also passes through the library site.

The site planning firm's suggestions for the area primarily call for future construction that would "ring" the library, leaving that structure as the "strongest piece on the property no matter what other building types are constructed," Denny said.

Among buildings now located on the 30-acre site are UK's Hilary Boone Faculty Center, a Mining and Mineral Resources Building and a parking structure.

Design of the new library by Kallmann McKinnell & Wood is expected to take about 18 months. A tentative timetable calls for construction of the library to begin in spring 1994. Construction will take about two years.

Reorganizing UK

President Charles T. Wethington Jr. has released an academic and administrative reorganization and restructuring plan of action for the University of Kentucky. The deadline for implementing the majority of the changes in the plan of action is July 1, 1993. Other changes are expected to be in place within the next two years.

The 26-page report and plan of action includes 86 recommended changes in the academic and administrative structure and processes of the university.

The report also recommends that an outside consultant(s) be asked to re-evaluate UK's top-level administrative structure which now operates

through a system of chancellors and vice presidents.

In reviewing the report and plan of action for UK Board of Trustees members, Wethington said implementing the changes will free up \$2.6 million to reallocate to instruction, research and public service programs within the university.

The president also reviewed for board members the impact that the \$26.7 million in state budget reductions in recent months has on the restructuring plan he presented, including the elimination of some 575 employee positions.

Wethington said he hopes "the implementation of the plan of action will bring to a close this very difficult and challenging period of budget reductions and organizational review."

The plan of action urges the chancellors to work within UK's academic structure to consider the elimination of certain degree programs and the consolidation of some educational units and degree programs.

Dean's Lists

The 13 undergraduate colleges at the Lexington Campus reported some 2,700 students were named to the Dean's List for high academic achievements during the 1992 fall semester. The 1992 dean's list includes students from nearly all of Kentucky's 120 counties, as well as 38 states. The requirements for being named to a dean's list varies from college to college. However, most require an "A" average, or a 3.5 grade point average, based on a 4.0 system.

Sigma Chi Centennial

The UK chapter of Sigma Chi will be celebrating its 100th anniversary April 2-4. Alumni William B. Sturgill and Paul Chellgren, both UK trustees, will be honored as "Significant Sigs" at a luncheon. Other events, including a golf outing, are being planned throughout the weekend. For more information, call Mark Rexroat at 606-255-8735.



Hundreds of persons participated in a march in honor of Dr. Martin Luther King Jr.'s birthday and an even larger crowd gathered for an indoor ceremony in Lexington's Civic Center following the march. Speakers at the program included the Rev. Fred L. Shutlesworth (above),

civil rights activist and an associate of the late Dr. King. This is the third year UK and the Lexington-Fayette Urban County Government have co-sponsored these events.



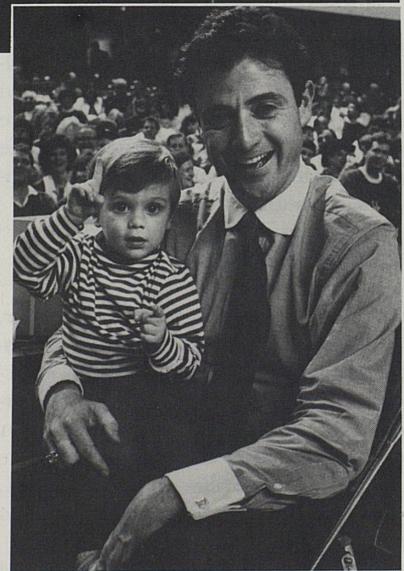
There's paparazzi everywhere! Ryan Pitino, the coach's youngest son, left, wandered down to the court during the postgame coach's show and took a

picture of his dad, Rick, to the delight of UK Network play-by-play announcer Ralph Hacker and the audience. Later Ryan showed everyone that the Cats are No. 1 in his poll. Photos by David Coyle.

Saga of No. 1

When the season began, Duke University was No. 1 in the AP Top 25 poll until defeated by Georgia Tech at Tech; then Kentucky took the top seat for the first time in four years until the Wildcats went to Vanderbilt University and lost; then, Kansas took a turn until Long Beach State beat the Jayhawks at Kansas. But, not to worry. "It's nice to be No. 1 during the season," said Pitino. "It's good for the fans and it's fun to talk about, but what really counts is the end of the season and our players know that. There will be several No. 1's before it is over."

In that final poll of the season, UK has been at the top most often — tied with UCLA, each finishing No. 1 seven times, followed by North Carolina with three, and Cincinnati, DePaul, Houston, Indiana, Michigan, UNLV, Ohio State and San Francisco, two times



each. You may notice Duke by its absence. The Associated Press publishes its final poll of the year before the NCAA Tournament. When you look at Top 10 finishes, Kentucky again heads the list with 27, followed by North Carolina (21), UCLA (18) and Duke and Indiana tied with 15 each.

Tennis

Tennis coach Dennis Emery says the new faces on this year's 12th-ranked tennis team answered a lot of questions during the SEC Indoor Tennis Tournament held in Lexington in January. The Wildcats lost seven of their first 11 players from the team that won the SEC last year, but came through their first major tournament with some encouraging highlights.

The Cats' No. 2 doubles team, composed of sophomores Ford Lankford and Jason Yeager, upset the No. 1 seeded team from the University of Georgia in the "A Doubles" division before losing to the eventual champions, Juan Carlos Bianchi and Rick Witsken of the University of Alabama.

Junior Mahyar Goodarz, coming off a subpar fall season, knocked off the No. 10 and the No. 3 players in the country before falling in the finals of the "A Singles" division.

Junior Mike Hopkinson, seeded 11th in the tournament, made it to the semi-finals of the "A Singles" division before falling to the eventual champion.

Freshman Tad Berkowitz beat one of the top players in the "Boys 18s"

from last season and advanced to the semis of the "B Singles" division.

"With this (SEC) league having 10 teams ranked in the Top 25 in the country," said Emery, "it's a real good feat to put together the weekend that we did."

UK on WCKY-AM

WCKY-AM (1530) will be broadcasting UK football and basketball games for three years beginning with the Fall 1993 season kick-off as a part of the UK radio network. WCKY-AM is a 50,000-watt station located in Cincinnati, Ohio.

"We are delighted with this alliance with WCKY," said UK athletics director C.M. Newton. "This provides us with the best possible situation for our fans and listeners in Kentucky and throughout the Eastern portion of the United States."

One of the benefits to UK fans is the fact that UK football games will begin at 7 p.m. during September and October. Coach Rick Pitino added, "We are excited to be on their station. It will enhance our program tremendously. It will give us great leverage in recruiting and it will also expose our program like it should be."

KENTUCKY FOOTBALL RECRUITS FOR 1993

Name	Pos.	Ht.	Wt.	High School/Hometown
Darrin Clark	L	6-6	230	Coldiron, Ky. (Bell County)
Kareem Dailey	L	6-5	218	Louisville, Ky. (Jeffersontown)
John Gibson	L	6-7	252	Independence, Ky. (Simon Kenton)
David Ginn	L	6-5	205	Cincinnati, Ohio (Elder)
Donnell Gordon	B	6-0	185	PeeWee Valley, Ky. (S. Oldham)
Billy Jack Haskins*	B	5-11	190	Paducah, Ky. (Tilghman)
Van Hiles	B	6-0	175	Baton Rouge, La. (Episcopal)
Matt Hobbie	B	5-11	180	Sarasota, Fla. (High)
Chad Hudson	L	6-3	240	Lilburn, Ga. (Brookwood)
Brandon Jackson	L	6-4	305	Massillon, Ohio (Washington)
J.D. Reed	L	6-3	260	Springfield, Ky. (Washington Co.)
Rob Reynolds	L	6-6	282	Fort Thomas, Ky. (Highlands)
Kio Sanford	B	5-11	155	Lexington, Ky. (Bryan Station)
John Schlarman	L	6-2	280	Fort Thomas, Ky. (Highlands)
Kurt Supe	L	6-3	231	Cincinnati, Ohio (LaSalle)
Jeff Tanner	B	6-3	225	Marianna, Fla. (High)
Littleton Ward	B	5-10	155	Lexington, Ky. (Bryan Station)
Maurece Williams	B	6-2	205	Columbus, Ga. (Spencer)

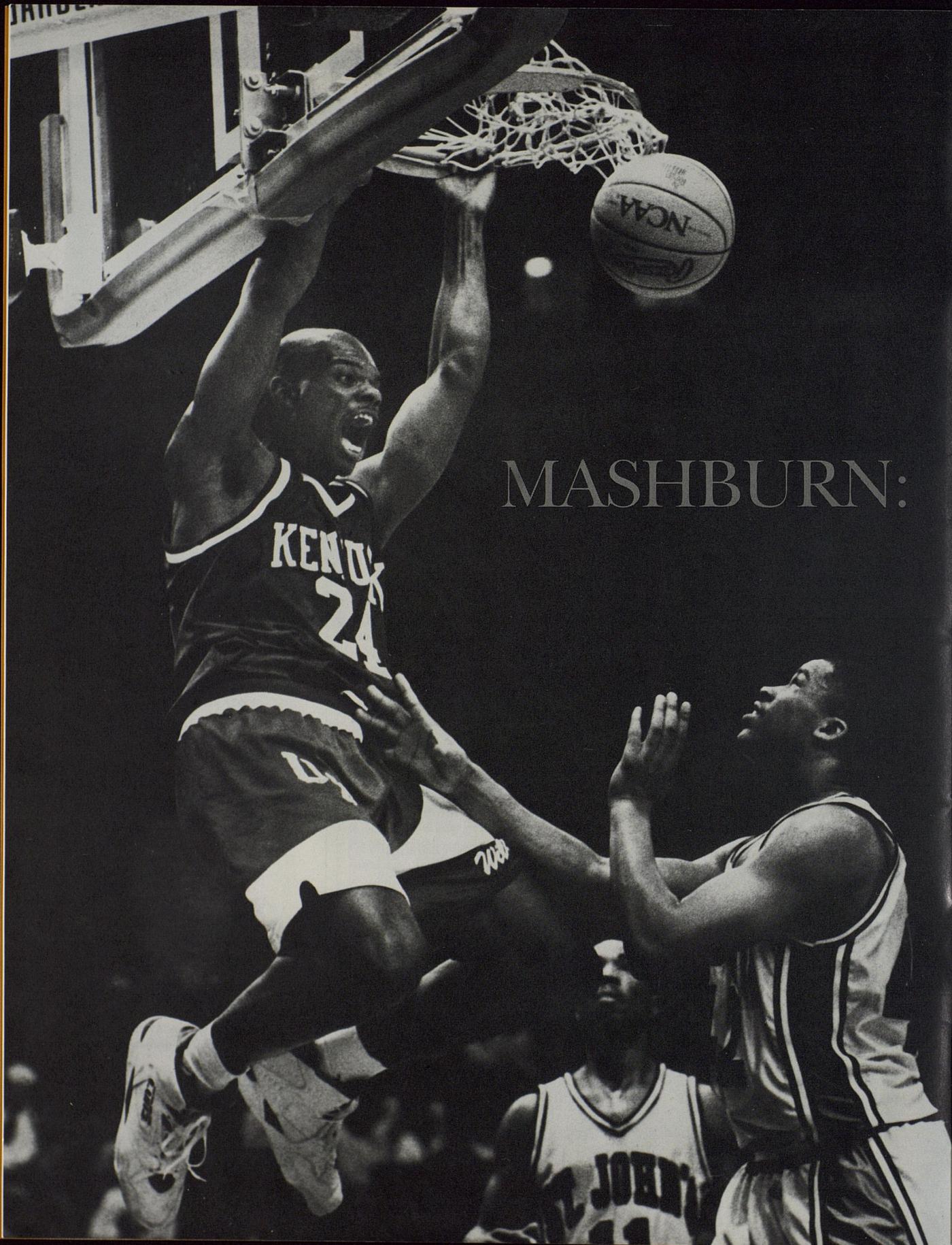
*Kentucky's Mr. Football

UK's All-Time Leading Scorers



1. Dan Issel '68-'70
2,138 pts/83 games
2. Kenny Walker '83-'86
2,080 pts/132 games
3. Jack Givens '75-'78
2,038 pts/123 games
4. Kevin Grevey '73-'75
1,801 pts/84 games
5. Cotton Nash '62-'64
1,770 pts/78 games
6. Alex Groza '45, '47-'49
1,744 pts/120 games
7. Ed Davender '85-'88
1,637 pts/129 games
8. Louie Dampier '65-'67
1,575 pts/80 games
9. Mike Casey '68-'69, '71
1,535 pts/82 games
10. JAMAL MASHBURN '91-'93*
1,523 pts/82 games
11. Ralph Beard '46-'49
1,517 pts/139 games
12. Melvin Turpin '81-'84
1,509 pts/123 games
13. Cliff Hagan '51-'52, '54
1,475 pts/77 games
14. Pat Riley '65-'67
1,464 pts/80 games
15. Johnny Cox '57-'59
1,461 pts/84 games

*Mashburn's totals are through games of Feb. 6.



MASHBURN:



Jamal Mashburn leaned back on the trainer's table recently, and reflected on his career as a University of Kentucky basketball player and his life as a student. In the last three years, the two have become separate entities.

In terms of his career, life has been extraordinary.

Mashburn, who played high school basketball for Cardinal Hayes in the Bronx, is firmly established as one of the nation's elite players. The 6-foot-8-inch, 240-pound player has achieved the perfect balance between the pivot, where he dominates with a strong, versatile inside game, and the

"A lot of times people are jealous, but everybody's so proud of Jamal, first of all because they know what he had to do to get this far," said Russell Glover, Mashburn's cousin and one of his closest friends. "When he was younger, Jamal had a hard time even getting chosen for a team when they played in back of the building. They called him a big baby, said he would never make it.

"The other reason people are happy for Jamal is because of the kind of person he is," Glover added. "He's quiet, doesn't bother anybody. People want to talk with him or touch him. I remember once a couple of people, I guess they were crackheads,

tucky. But it's not like I'm this big star. I'm just a friend who's had some different experiences."

After playing on a select team of college all-stars who scrimmaged against the United States Olympic squad, Mashburn spent most of last summer in New York. He proudly recalls how he spent a good deal of time in recording studios with Glover, an aspiring musician-writer who plays keyboards and hopes to produce rap, rhythm and blues and gospel groups.

"He's a person I really admire," Mashburn said. "Sometimes I envy him because he's so creative, he taught himself to play. He can write and mix. That's the thing, there's so

SEARCHING FOR HIMSELF

perimeter, where he is a lethal 3-point shooter.

His scoring average has increased from 12.9 points a game as a freshman, 21.3 last season, to more than 22 points this season.

Mashburn, born in New York City and raised in the Rangel Homes on 155th Street, never played at the Garden (until last December).

When Mashburn gauges the distance he has traveled since leaving New York, he measures his progress by what has taken place outside the arena. His world has now expanded to a point where proficiency in basketball isn't enough.

"Sometimes I feel that playing basketball is the only gift I have, really," he said. "I wish I could write music or play music. Basketball is not a real big thing. Something besides sports, I think, is a real talent, a gift God gave you. In sports, you can work on it and become good with hard work and talent."

Indeed, those who know Mashburn talk about how hard he has worked to change from being a pudgy playground hopeful to becoming one of the nation's leading players.

by William C. Rhoden

came up to him and wanted his autograph and wished him good luck. They said they followed his career and were happy he'd made it. That meant a lot to Jamal. He sees himself as part of the community."

Indeed, aside from becoming a pro-caliber basketball player, Mashburn's most consistent quest, as he negotiates fame, is a longing to fit in. In Lexington he is the Monster Mash, No. 24 or an all-America basketball player. He is featured on posters showing him crushing a basketball.

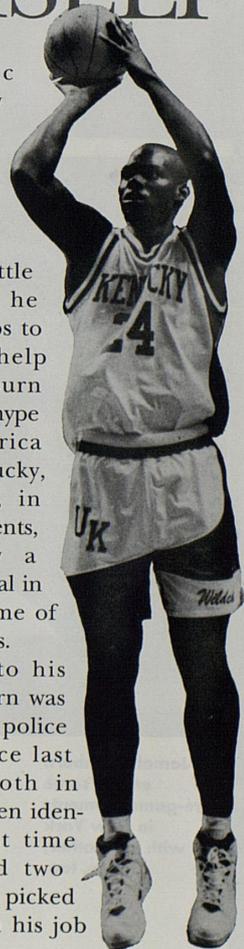
Trips back to New York tend to ground him in reality, help him maintain a fix on what is real and what is not.

"I know that's all part of the hype, but that's not who I am," Mashburn said. "Sometimes in Lexington, there's so much hype around basketball, you're treated in a way that can make you lose sight of reality. Back home, around my friends, I'm just Jamal. They ask me about my experiences. They want to know what it's like playing against the Dream Team or playing at Ken-

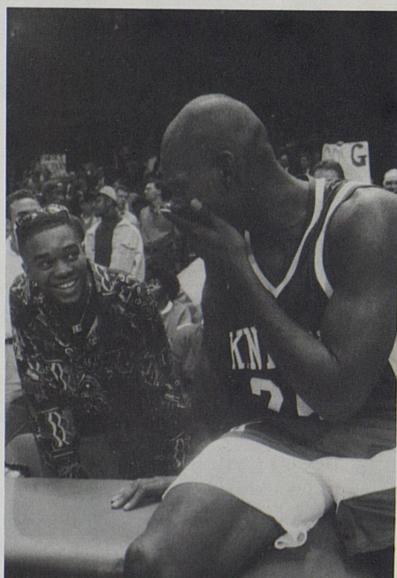
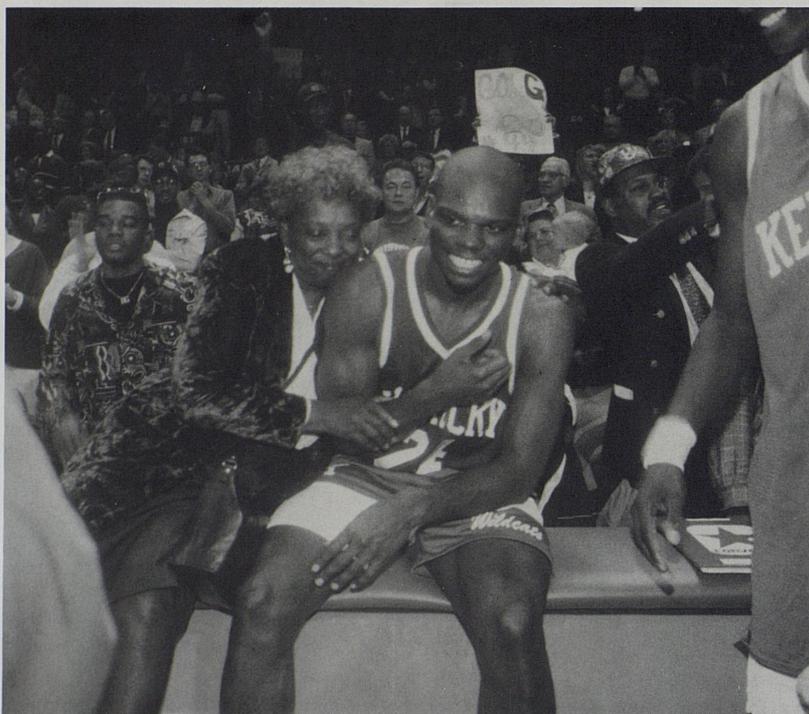
much music where I grew up. People just don't have the resources to get it out."

Perhaps a little more than he would like, trips to Harlem also help remind Mashburn that, for all the hype of his all-America career at Kentucky, in some eyes, in some environments, he is merely a potential criminal in a perpetual game of cops and robbers.

According to his family, Mashburn was stopped by the police in Harlem twice last summer — both in cases of "mistaken identity." The first time Mashburn and two friends had just picked up Glover from his job



Photos by David Coyle



Jamal Mashburn enjoys some pre-game moments in New York with his mother, Helen, top.

His father, Robert, right, waves to a friend. Above, Mashburn chats with his best friend and cousin, Russell Glover. Photos by Chuck Perry.

at a bank on 145th Street. They were four young black men riding in a car with Kentucky license plates.

Glover said the police stopped the car, and with guns drawn told everyone to get out. Only when Mashburn announced that his father was a police officer was the situation diffused.

His father, Robert Mashburn, recalled the other incident when his son was stopped outside of the Rangel Homes. "Same thing: out-of-town license, black male wearing a certain type of shirt," Robert Mashburn said. "They thought he was selling drugs."

When he committed himself to the Wildcats three seasons ago, Mashburn became the centerpiece of Kentucky's rebuilding process, with Coach Rick Pitino at the helm. Mashburn was a freshman when the Wildcats completed the final season of a two-year probation. Last season, he helped pull Kentucky within an overtime victory of reaching the Final Four.

This season may be Mashburn's final one at Kentucky. He is projected

as a National Basketball Association lottery pick should he choose to leave school after this season.

Mashburn says whether he leaves this season or next, in many positive ways he will not be the same person coming out of Kentucky that he was going in.

"I've matured a lot," he said. "I appreciate education. Before, I just wanted to come in, play ball and go to the pros. Now I understand the value of an education, particularly for an African-American male. Even if you don't finish in four years, you absorb information. It changed the way I approach some things."

His mother would like for Mashburn, a communications major, to earn his degree. The reality of economics, however, may dictate a different course of action.

He would like to move his family out of New York City, he would like to give his cousin's production company a boost.

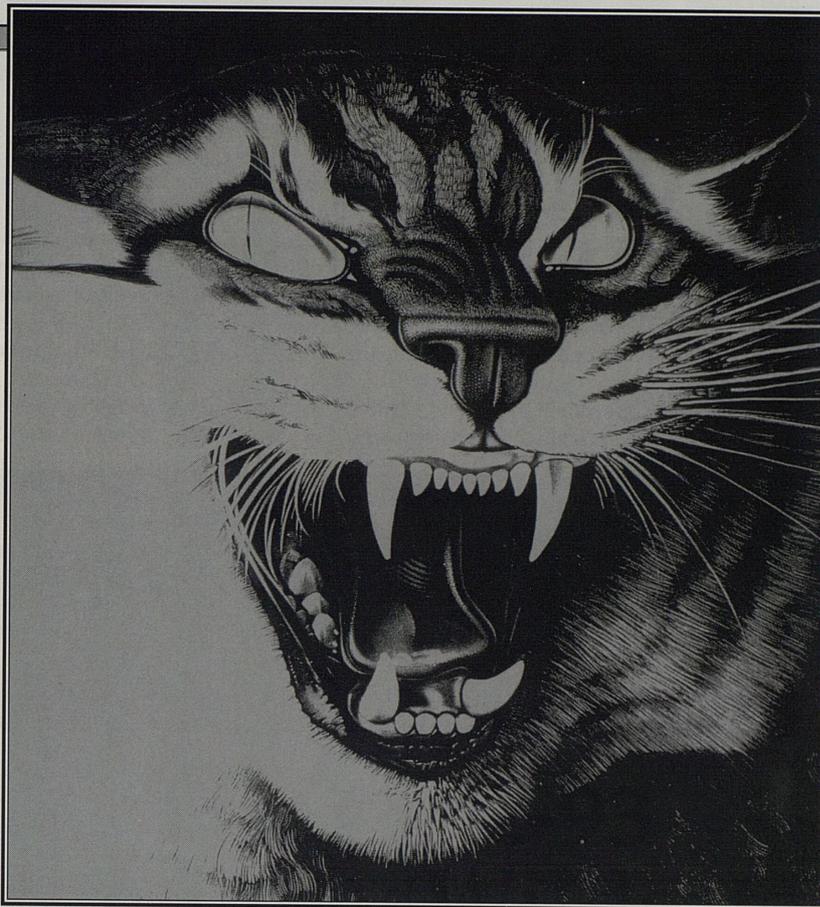
"There's more than just me to think about," Mashburn said, referring to his decision whether to leave school or stay.

Of course, the first order of business for Mashburn is to have a dominating year. After deferring to upperclassmen his first two seasons, Mashburn, with prodding from Pitino, has taken over. But he has not taken over in a frenzied, egocentric manner. He might take the open shot when he would have passed off, or now he might demand the ball in clutch situations.

"Basically, Jamal is unselfish," his father said. "He's a team player, but it goes past basketball. He was taught to respect all people, to respect his elders. He knows how to wait his turn."

"The way I approach the game, and people, is to respect all and fear none," Mashburn said. "So far, that's what's worked for me."

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NEW FACE ON MOTHER EARTH

by Jeff Worley



W. Reid Thompson '73 — with model of the Voyager spacecraft. View of the earth, right, is from a satellite.

There it was, filling the entire page. An immense swirling crimson ball with several of its 14 moons fixed in their syncopated orbits: Jupiter.

"This was in an astronomy book my older sister gave me when I was about 10," says W. Reid Thompson, a Kentucky native who graduated from UK with a BS degree in chemistry in 1973. "It was all about galaxies, stars and planets, which we knew very little about at the time. I was totally fascinated."

Thompson, almost exactly 30 years to the day he first paged through this gift from his sister, has seen and participated in real planetary exploration — starting with the Voyager fly-bys of Uranus and Neptune. And as a senior research associate in astronomy and space sciences at Cornell University, he is now playing a major role in the \$1.5 billion Galileo project, whose mission is to begin orbiting Jupiter in December 1995, relaying information about the solar system's largest planet.

"The goal is to orbit Jupiter for about two years, to study the moons, the planet itself, and to drop a probe into the atmosphere," says Thompson, whose specialty is the composition and chemistry of planetary materials.

Galileo is headed to Jupiter, but it is taking the long way there, he explains. After being launched from the space shuttle Atlantis in October 1989, Galileo flew close to Venus, then came back by Earth in December 1991, and on its most recent encounter left something behind.

"These fly-by trajectories started us thinking," Thompson says. "Since Galileo would be so close to Earth, why not pop the covers off some of the really superb instruments on board and activate them — take some photos of the Earth from this vantage point? After much discussion ("This idea wasn't enthusiastically applauded by everyone"), this is exactly what the scientists did.

Galileo flew to within 600 miles of Earth, then began taking photos as it sped away. By the time the space craft was 1.2 million miles away, it could capture the entire planet in each frame. The images — with Antarctica at the bottom of each — were of the southern Hemisphere and were extremely bright.

Using map projection software developed at Cornell, Thompson fed the digital data into a computer, creating a photo with Antarctica in the center. Through the process of "imagemosacking," he was able to include parts of South America, Africa and Australia. The computer also changed the lighting, to show how the continent would look if the sun were shining directly overhead. In addition to the unique perspective, this was the

first time a spacecraft constructed images of almost the entire surface of the planet in a single day.

Then Thompson used the six wavelengths, or "bands," available to Galileo to produce special pictures where the color represents the presence of, and subtle differences in, vegetation, snow and ice, and water vapor. "With this color strategy, you can, for example, readily tell the difference between the grasslands in Argentina and the rain forests in Brazil," says Thompson.

The computer techniques he used to produce the photographs could be useful in monitoring the earth's environment with remote-sensing spacecraft. "We could monitor effects of human activity and climatic fluctuations,

such as the extent of ice caps and glaciers, distribution of various types of vegetation, destruction of rain forest, growth of deserts, and so on."

Thompson, whose academic honors include the Clark Award for Distinguished Teaching at Cornell, looks back at his UK days with "a lot of fondness and gratitude," recalling several professors who made their mark.

"I remember Bill Plunket, who taught physical chemistry, very well. He was relaxed and very charismatic, and it's always easier to learn from someone who can make you feel comfortable. We appreciated his genuineness and his ability.

"Then there was Professor Sabharwal. He taught biology for majors and, believe me, was one of the snappiest dressers on campus. He was the only guy I've ever seen who wore color-coordinated suits and turbans. His lectures were always well orga-

nized, and he knew how to use humor in an effective way. Once or twice in every class he would toss in a joke or mispronounce scientific names — always on purpose — to encourage us to pay close attention. Which we did."

Thompson also mentions the importance of the "even-handed advice" he got from a number of professors when he began thinking about graduate school. "Bill Ehmann, Donald Sands and Paul Corio all gave me good advice about which schools to apply to, which government grants to apply for, and I just wouldn't have known how to go about any of that without some direction." One result of this mentoring was a National Science Foundation Fellowship, which Thompson held from 1973 to 1976.

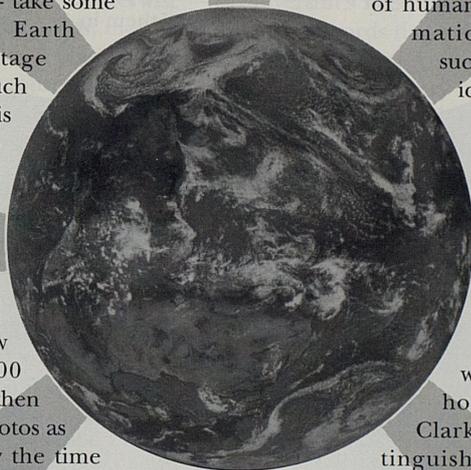
Thompson's research through the years has resulted in nearly 50 presentations and abstracts and more than 30 published articles, a number of these co-authored by a C. Sagan.

"Carl's office is just down the hall, and he's a pleasant guy, very easy to talk to," Thompson says. "And I've never met anyone who's so joyous about discovery — Carl has been able to keep alive a kind of childlike fascination with science."

With so much going right these days for Thompson, are there any disappointments?

"The only frustrating thing about this work is the non-committal approach the government has toward funding planetary exploration," Thompson says. "It's always a small part of the budget and every year you're in danger of being cancelled. Space exploration is a fascinating testimony to the outreach of the human species. Our understanding of both other planets and our own is being built, step by step, largely as a result of the efforts of these robotic explorers that project our presence into other worlds."

Jeff Worley is associate editor of Odyssey, the University's magazine about research. Reprinted with permission. © 1992.



TEACHING, FIRST ... AWARDS, SECOND

by Mary Frances Richardson '63, '67

Good teaching evolves, it isn't static. I doubt that the way I teach today will satisfy me tomorrow, as I learn new things about teaching and about chemistry, but I am better now than I used to be. My thoughts about university teaching come from my experiences in the sciences, but I think that much of what I say is applicable to all disciplines.

Two qualities are paramount for a good teacher: thorough knowledge of the discipline and interest in teaching itself. Students will be frustrated and unhappy if either of these are lacking. It helps to be excited about the subject. Excitement may not manifest itself in a publicly entertaining performance, but students know when you are thrilled by the subject and your excitement can draw them in.



Brock University
professor Mary
Frances Richardson,
Canada's 1992
Professor of the
Year, with a class:
Good teaching
evolves.

One of my former professors, Don Sands, (UK chemistry professor), gave quite scholarly lectures, but his eyes sparkled when he talked about the study of crystals. I was well into my Ph.D. work and didn't want to change fields at that time. But during my post doctoral work a few years later, I realized that we needed crystal structures in order to interpret our data.

Professor Sands' enthusiasm for crystallography prompted me to return to him and ask if he would help me learn the subject. Of course, he said yes, and today I, too, am a crystallographer.

One of the things I valued most highly when I was a student was the interest that my professors took in me and my professional aspirations. I would have been isolated otherwise — in the 1950s and early '60s, most companies and many universities refused to hire women chemists, so the sensible thing would have been for me to change my major. I wouldn't be a chemist now if it were not for the steady encouragement I received then, especially from Bill Wagner, (UK chemistry professor), who gave me my first summer job as a research assistant in his lab and who eventually directed my Ph.D. work.

But time spent with students, whether it's helping them to solve a problem I've assigned, telling them about exciting new research, counseling them about career opportunities, or just talking with them about various problems, is not something that figures (yet) into the reward equation for good teaching. I don't know how to evaluate it either, but I know that it is an important — perhaps the most important — aspect of the job we do in university.

For me, the greatest rewards of teaching are the intrinsic ones — the pleasure I get in helping students achieve the understanding they want in order to pursue their career goals. This is a strong motivator for most faculty members. In fact, it has probably been taken as a given attribute, that needs no other rewards. That this is not so is beginning to be broad-

ly recognized; the academic chemistry and physics communities are now engaged in debate over the declining enrollments in the physical sciences, and the failure to reward good teaching at the undergraduate level in the large universities.

The problem is one of time: time spent in teaching and thinking about instruction is not available for other scholarly activities. If a faculty member sees that tenure, promotions and higher salaries go to researchers with lots of published papers, and that the quality of teaching is not an important factor in the equation, he or she has to have an exceptionally strong sense of vocation to maintain a major commitment to teaching. I believe that universities need to achieve a balance in the rewards that go to teaching versus those that go to research, although not every university will choose the same balance point.

For me, the greatest rewards of teaching are the intrinsic ones...

Far from seeing a conflict between research and teaching, I believe that they are inextricably intertwined at the university level. Having said this, I should explain that I do research as traditionally defined in the sciences.

But this is not an activity done in isolation (I don't know where the public gets its idea of scientists working alone) — I usually have undergraduate students who get their first taste of "real world chemistry" working in my lab as summer research assistants. I also have graduate students whose training is essential for staffing tomorrow's schools and laboratories. Published research is simply an outcome of the teaching process that goes on as I and my colleagues at Brock try to move students to a high level of chemical understanding.

I use the term "research" in a broad way, so that it includes all kinds of high-level professional activities. Some faculty work toward the acquisition of new knowledge, toward applying what has already been learned, or toward the integration of knowledge from several fields; others create or perform artistic work; still others are practitioners of their disciplines.

I came to Brock 21 years ago because I believed that its strong commitment both to teaching and to research matched my own. I haven't changed my mind. My colleagues in every faculty continue to impress me with the tremendous passion they have toward teaching and toward the professional requirements of their disciplines.

My interest in getting more women into science dates back to the '60s when I was told by the chairman of a chemistry department in the United States that "we already have a woman and don't need another." Until then, I didn't really believe, in spite of how often I'd been told, that women chemists found it hard to get jobs. My response to this was to start working on getting more women into the upper echelons of science.

In the end, it's made me a better teacher for both women and men students. Along the way, I have found that it is just as demanding, time-consuming, and intrinsically rewarding to learn about this area, and work toward incorporating the findings into my teaching and professional life, as it is to do my research.

Many of the books I read focused on differences between male and female learning styles. They obscured the fact that there is a great variation in each gender (the question of why people study small differences between genders instead of the great spread of abilities within one of the genders is a subject for another discussion). Nonetheless, they were important to me because I learned that there are different ways to achieve mastery of a subject, and I was not doing well by a significant group of students if I didn't



Mary Frances Richardson '63, '67.

take this into account. This insight was reinforced by my association with women's studies, and discussion with my colleagues throughout the university about good teaching.

Keeping women in science in the university is more than a matter of good teaching. Women still drift out of science as undergraduates, and fail to take graduate degrees at the same rate as men. Multifaceted solutions are needed to help counter cultural pressures and stereotyping that work to discourage women. One important aspect of most solutions is the formation of support and mentoring networks, formal or informal, that validate women's choice of science as a career, provide help at various crucial stages in academic life, and reduce the sense of isolation that women can feel if they are in departments with few other women students or staff.

It's usually not difficult to get appropriate credit for innovative

methods in teaching, especially if they result in publications or grants. It is far harder to get credit for continuing to implement a method that was "innovative" two years ago, and almost impossible to get any recognition at all for producing satisfied, competent students in the old traditional ways.

This has to change. Faculty who spend time talking with students, helping them develop academically, professionally and personally, deserve the same rewards as those who develop new methods for computer-assisted instruction. Both are important instructional activities.

Mary Frances Richardson, a professor of chemistry at Brock University in St. Catharines, Ont., was named 1992 Canadian Professor of the Year by the Council for the Advancement and Support of Education. This article came about when the Globe and Mail asked her to write about what makes a good teacher.



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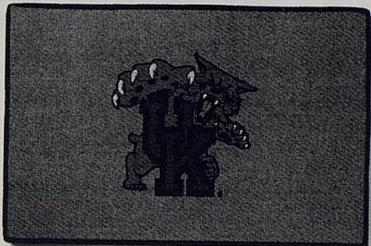
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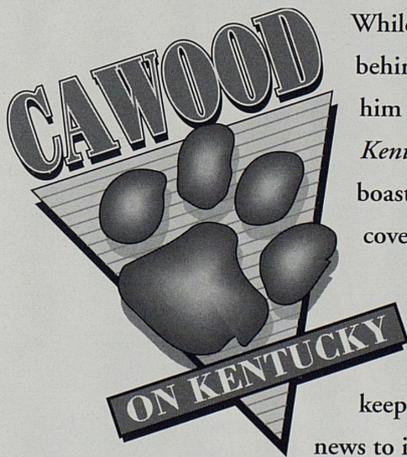
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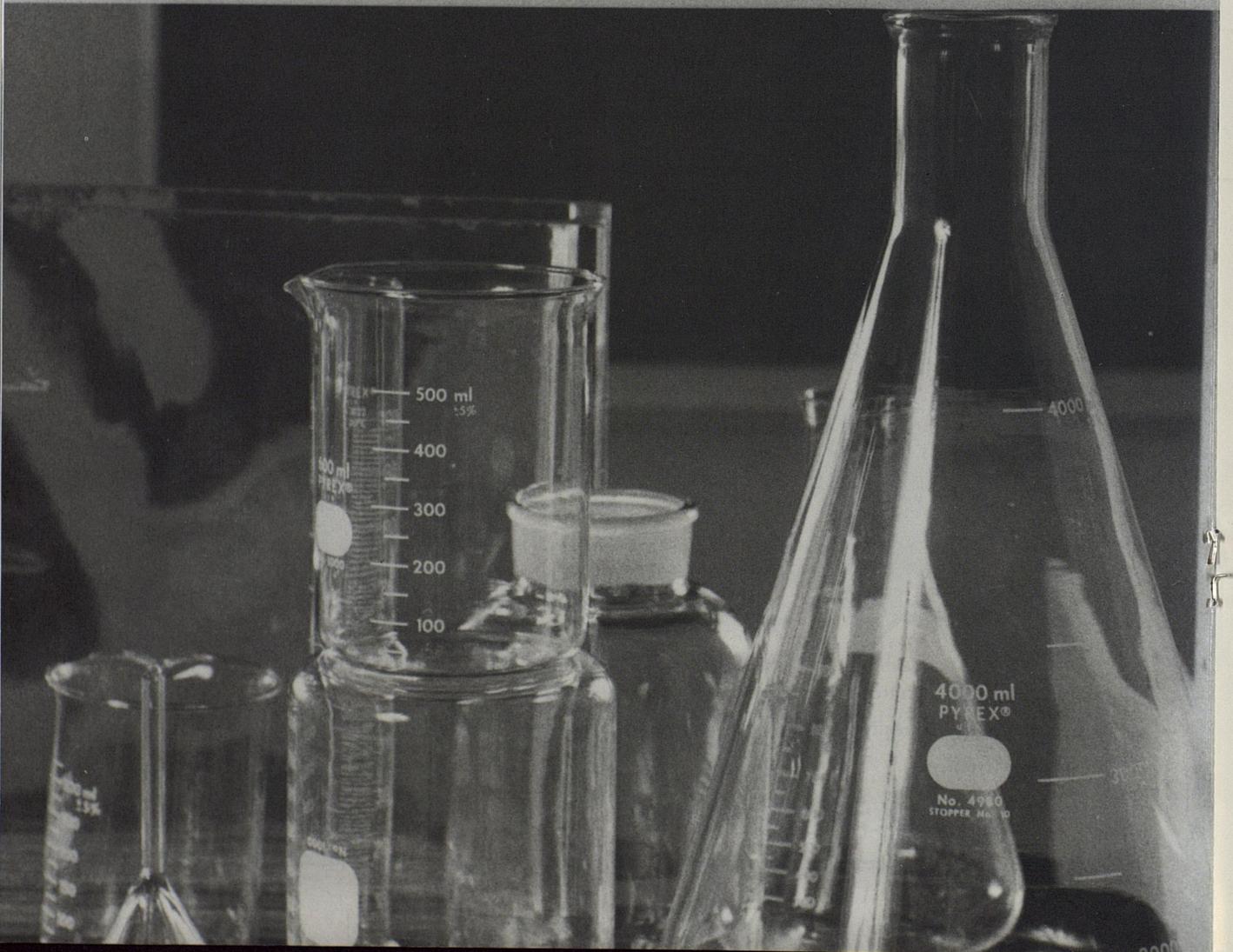
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SO WHAT TAKES SO LONG?

Today, the pharmaceutical industry remains the world leader in terms of research and development of products to treat disease. This is a costly and competitive industry. In working to bring discoveries from the research bench to the patient's bedside, every drug in the marketplace has undergone an extensive — and expensive — Federal Drug Administration (FDA) approval process. It is estimated to take approximately 10.5 years and \$150 million to put a new drug into the marketplace. Even more astounding is the fact that only one of every 4,000 new drugs developed actually reaches the clinical testing phase and only one of every 1,000 of those ultimately gains FDA approval.

The pharmaceutical industry invests a larger percentage of revenue for research and development than any other major industry in the United States. However, their incentive to do so is also significant as society increasingly demands better, more effective therapies for the treatment of diseases.

"The UK College of Pharmacy Center for Pharmaceutical Science and Technology (CPST) plays a unique role in working with industry by providing a coordinated, university-based research partnership toward the safe and effective development of new drug therapies," states Dr. Peter P. Bosomworth, chancellor for the UK Chandler Medical Center. Bosomworth also believes that the CPST offers unique advantages to compli-

by Sandra Gray

ment the pharmaceutical industry's desire for a more efficient approach to the federal approval processes.

Thomas Foster '73, Pharm.D., College of Pharmacy professor and director of the CPST, says that some of the cost — in both time and expense — to develop, evaluate and obtain approval for a new drug can be decreased through the intellectual and physical consolidation of expertise and resources. And, that is exactly what the UK CPST provides.

Goal of UK Center is to provide one-stop service from drug discovery to drug delivery.

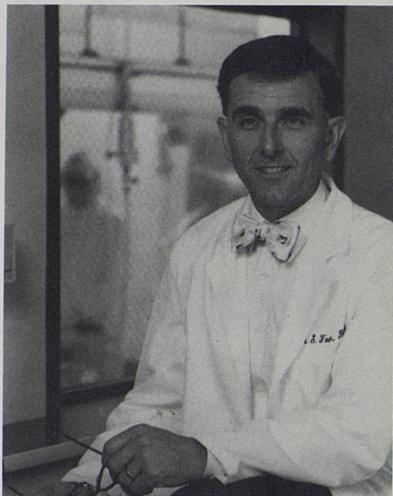
"This center reaches out and draws on expertise from the entire university," Foster says. "We are able to take an investigational drug through a series of complex research processes from initial development and dosage formulation then concluding with clinical evaluation ... all basically under one institutional roof." He cites the center's multidisciplinary resources and cooperative approach as a key advantage. Those resources include an established Drug Product Evaluation Unit (DPEU) within the College

of Pharmacy and a long-standing interface with the UK College of Medicine faculty and clinical pharmacological testing protocols. It is the direct linkage with the medical community — including UK Hospital, the Sanders-Brown Center on Aging, the Markey Cancer Center, and participation in the national 59-member University Hospital Consortium — that gives the UK CPST an edge.

Dan Wermeling '83, Pharm.D., assistant research professor in the UK College of Pharmacy and director of the Center's DPEU, says that many pharmaceutical companies are capable of performing their own early testing. However, they are generally not equipped for the advanced clinical testing required by the FDA.

"When they get to the patient stage, they also need to involve clinical pharmacists, pharmacologists, physicians and skilled medical supervision," he explains. "And, the FDA is increasingly demanding additional data on drug action, distribution and elimination. They require studies detailing the pharmacodynamics of the drug and that requires individuals trained in clinical pharmacology as well as some very specialized equipment that's frequently available only at academic medical centers. Private contract research organizations (CROs) just don't have all of this expertise and equipment easily available. So, the pharmaceutical indus-





(Above) Thomas S. Foster, Pharm.D., professor in the College of Pharmacy, is director of the CPST. (Right) The filling of sterile pharmaceutical products is accomplished in the CPST's special "clean suite."



try turns to universities."

Originally established in 1974, the DPEU was designed to provide exactly what the FDA requires: complete profiles on the pharmacokinetics and pharmacodynamics of a drug within the human system. "Pharmacokinetics is the absorption distribution in the body's metabolism," Wermeling explains. "Pharmacodynamics is what we describe when measuring the effects of the drug on the body." The goal is to establish correlations between dosage form and concentration and desired effect.

The DPEU research team also investigates potential undesirable effects of specific dosage forms and concentrations. "These tests are necessary so that when a physician prescribes a drug — and defines the amount and form — he or she can do so knowing exactly what effect that therapy will produce in the majority of patients," states Wermeling. The benefit to the pharmaceutical firm or organization is also significant. "Basically, our protocols are based on what the federal regulators' drug development process demands," says Wermeling. "We know what the FDA needs to know and we structure our evaluation to provide that information and thus expedite the process."

At present, the DPEU is evaluating approximately 10 drugs in the early developmental phases and another 25 to 30 drugs in more advanced stages. Most of the studies underway are funded by the pharmaceutical industry and include collaborative research activities between faculty in the Colleges of Pharmacy and Medicine.

Before a new drug is evaluated, it must be manufactured according to FDA specifications. And, that's the second major focus of the UK College of Pharmacy CPST. Directed by Ram Murty, Ph.D., and managed by John Warner '81, a UK College of Law graduate, the Pharmaceutical Operations division of the CPST is where the pilot production protocols are established.

"When a new drug or compound is discovered, decisions have to be made about whether it is best formulated in injectable, tablet, capsule or other dosage form," Murty explains. "We study the physical chemical properties of the drug substance and determine which dosage form is optimal to obtain the desired effect."

Sometimes the effect desired must also be tailored within other important parameters such as efficiency of delivery, or convenience to the patient. "A lot depends on what type, or how quick a reaction you want the person getting the drug to have," says Warner. "Usually oral dosage forms, such as tablets, are much slower acting than injectable forms. On the other hand, patients probably need a doctor or nurse to administer the injection; they can't necessarily administer it themselves. In that case, convenience of administration — for example a tablet — may actually be of more benefit to the patient."

Some drug compounds are relegated by their nature to one particular type of dosage form because they become unstable in other forms. Aspirin is a good example of this. "Aspirin is only used as an oral drug ... a tablet," says Murty. "You cannot make aspirin injectable because the compound degrades too fast in solution."

For previously untested compounds, Pharmaceutical Operations scientists follow established procedures to discover the various physical properties, actions and reactions of the drug. The compound is tested to determine its ability to retain stability and integrity when introduced to a wide gamut of mediums such as water, blood, and acidic fluid as might be found in the gastrointestinal tract, etc. Results of the tests — again all of which are designed to answer FDA requirements — are reported to the Center's DPEU. That division will then use the information to plan and establish the next step toward FDA approval: clinical evaluation of the drug in a



human system.

One project in which Pharmaceutical Operations is significantly involved is funded by a contract with the National Institute of Drug Abuse (NIDA). The project seeks to identify new compounds to be used in treatment for drug addiction. Since the initiation of the \$2 million, four-year program in 1991, the CPST has developed four different dosage forms for clinical evaluation.

Future plans for the CPST focus around construction of a research park which will accommodate state-of-the-art current Good Manufacturing Practice (cGMP) pilot manufacturing facilities.

"This would allow us to interact with government and industry and would enhance our ability to partner in pharmaceutical development," Foster says. "It would also allow people right here on campus access to a multidisciplinary group of investigators from the medical

center sector as well as other scientific and biotechnological research teams throughout the university." The beneficiaries of the research park include the citizens of the commonwealth.

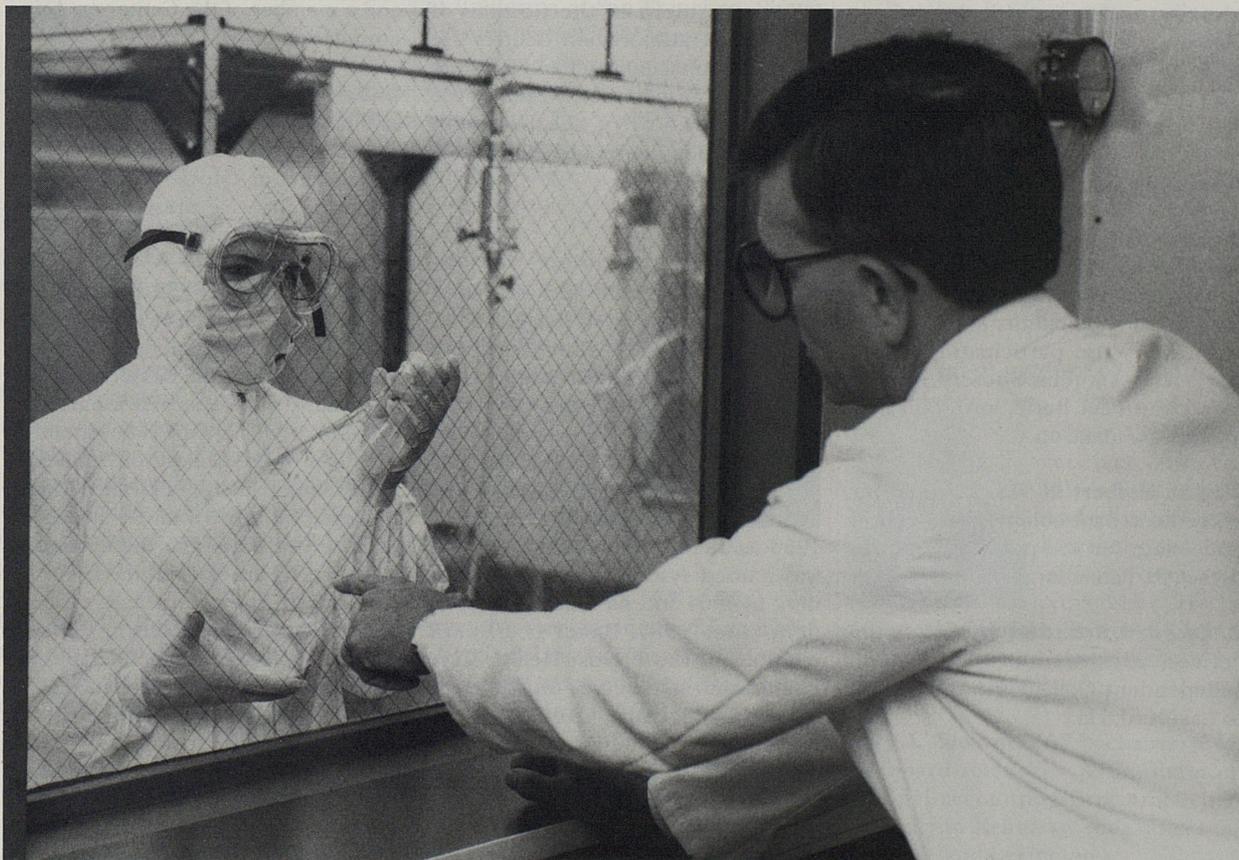
"One goal of the construction of this facility is to attract components of the pharmaceutical and biotechnology industry to establish laboratories within the research park," says Foster adding that the creation of new jobs and an expansion of Kentucky's tax base will have a positive impact on economic development.

"The center enables the college to greatly enhance its partnership with industry, the FDA, and the NIH in the area of drug development," says Dr. Jordan L. Cohen, dean of the UK College of Pharmacy. "The expanded vision of the program also provides the college an opportunity to enhance our graduate program, increase research

space, and become a leader in economic development for the university."

"The heart of it is our ability to facilitate all phases of the drug development process," says Foster. "Our ability to take the project from basic discovery of a pharmaceutical or biological product through the definitive regulatory studies required to launch the product as a commercial pharmaceutical is our greatest asset. There is a major efficiency in being able to develop a single contract with the in-house capacity to formulate and pilot manufacture new products, initiate clinical trials, and then possibly re-evaluate and re-formulate in the same facility. The potential significant time and cost savings can result in years and millions of dollars saved."

Sandra Gray is director of publications in the Office of Public Affairs at UK's Chandler Medical Center.



Before 1950

John Blaine Flege '18, a Grant County veteran of World War I, who will be 96-years-old in April, enlisted in the Army in 1918, right after he was graduated from UK. Ready to enlist again when WW II broke out, he was told he was too old, so instead, he taught a course to aid soldiers returning to civilian life. He has been given the order of Kentucky Colonel through a program that honored some of the state's oldest veterans.

Thomas B. Parry '35 retired as an Air Force pilot in 1969 and since has been traveling extensively, visiting 85 countries and island groups.

Charles W. Hammond '35, who enjoyed a long and distinguished career as a chemist with the duPont Corporation, has given a portfolio of securities valued at \$216,665.38 to UK. It is designated for the university's Department of Chemistry.

Stephanie Farrar '41, who retired from the Fashion Institute of Technology in New York "several years ago," has re-entered the design field as a home space and storage consultant. Known by clients as the closet lady, she is also participating in the American Cancer Society's Look Good and Feel Better program as a lecturer on make-up.

Burt V. Halbert III '45, a retired Air Force lieutenant colonel, has been in real estate for the past 12 years. He lives in St. Petersburg, Fla.

C. Edward Brandon Jr. '46 is the retired president of the Florida Independent College Fund. He lives in Lakeland, Fla.

Albert E. Drake '48 retired last August from the University of Alabama as professor of statistics as well as associate dean for undergraduate programs in the College of Commerce. He lives in Tuscaloosa.

Donald B. Towles '48 retired January 1 after 37 years with the *Courier-Journal* and *Louisville Times Co.* Most of his Louisville newspaper career was in the area of public affairs, public service and promotion although he headed the papers' circulation department for more than five years. He founded the Kentucky Journalism Hall of Fame in 1980 and was inducted into that body in 1992. The UK School of Journalism named him as outstanding alumnus in 1976.

Calvin Grayson '49, director of the Kentucky Transportation Center at UK, is president of the Council of University Transportation Centers. He is a professional engineer and a former Kentucky transportation secretary. He became director of the Kentucky Transportation Center in 1983.

1950s

A. Doyle Baker '50, '55 retired as vice president of engineering and construction from the Kentucky Utilities Company last December. A Somerset native, he joined KU there in 1950 as a commercial engineer. He was named system operations engineer in 1964 and has been vice president since 1984. Baker is a board member of the Baptist Health Care Foundation and serves on the engineering advisory committee of Lexington Community College.



William H. Marnhout '50, lives in Whitley City where he sold his interest in the McCreary County Funeral Home last year. Now semi-retired, he had also worked for Ashland Oil for several years.

Robert T. McCowan '51 has been presented with Delta Tau Delta fraternity's highest professional honor, an Alumni Achievement Award. The former vice chairman of the board of directors of Ashland Oil currently serves as consultant and director emeritus for the corporation. He is a life member of the Alumni Association and a member of the Hall of Distinguished Alumni. McCowan received an honorary doctorate from UK in 1978, and an Alumni Service Award that same year. Among many other interests at UK, he is a Fellow, a former UK Trustee, member and past chair of the Development Council, and a member of the Center on Aging Foundation board.

Robert Edward Linehan '51, who says he "spent 39 years in the wonderful office products industry," has retired from Globe-Weis Systems where he was vice president of sales. He lives in Oldham County.

Lynwood Schrader '52 has retired as senior vice president of customer services, field administration, information, and franchises for the Kentucky Utilities Company, and accepted a part-time position at UK as a special assistant to the dean of the College of Business & Economics. A native of Graves County, he began his career with KU in 1955 as farm service adviser in the company's Western Kentucky service area. He transferred to the corporate office as director of residential sales in 1957, was named vice president in 1973 and has been senior vice president since 1978. Involved in several civic projects, Schrader is also a member of the UK Development Council and the Board of Directors of the UK Alumni Association. He served as chair of the Association division of the library campaign.

Harry C. Stille '52, '56 has been elected to the South Carolina General Assembly for House District II. This district represents Abbeville and Anderson Counties.

Barbara Ellis Taylor '54 received the 1992 Outstanding Alumnus Award at the annual meeting of the alumni group of the UK College of Human Environmental Sciences. She is a home economics professor and coordinator of continuing education at the University of Florida.

Donald B. Mackey '56 retired from the Ford Motor Company after 35 years as assistant plant manager of the Sharonville Transmission Plant in Cincinnati, Ohio. He has moved to Venice, Fla., to a golfing retirement community.

1960s

Joe W. Webb '60 is CEO of Prime Connection, a human resources and office automation consultant firm. He lives in Fern Creek.

Billy W. Winstead '60 has retired from the Air Force and is now teaching American history at Madisonville Community College.

James S. Hayes '61, a retired Army brigadier general, lives in Burnsville, Minn., and serves as executive director for Minnesota Project Innovation, Inc., a private, non-profit organization that assists the successful growth and development of small, high-technology businesses.

William P. Perdue '62, president and owner of Re/Max real estate offices, is on the board of directors of the UK Alumni Club in Atlanta.

Thomas W. Shaver '62 is vice president of Volkswagen United States, Inc. He most recently served as director of consumer marketing for Saturn Corporation where he was responsible for advertising, merchandising, sales promotion, auto show exhibits, and image/product positioning. He lives in Bloomfield Hills, Mich.

Lucy Salmon Crain '62, '65 has been honored by the California State Senate and American Academy of Pediatrics by proclaiming September 30, 1992 as "Dr. Lucy Crain Day" at a gala benefit for Support for Parents with Special Children (SPSC), held that evening in San Francisco. She was honored by SPSC for her "dedication in the field of pediatrics, particularly involving children with special needs." Crain is a professor of pediatrics and family and community medicine at the University of California at San Francisco. She is director of the UCSF General Pediatric Clinics and founding director of the UCSF Pediatric Disabilities and Down Syndrome Clinics which celebrates its 10th anniversary this fall. She is married to **William R. Crain '62, '66**, also a physician.

Andreas Prindl '63, '64, managing director of Nomura International Ltd. in London for Europe, had three separate missions to the former USSR in 1991, studying the nature of changes in the financial system, visiting academic institutions and submitting recommendations for a new banking institute in St. Petersburg. He is a member of the UK Alumni Association's Hall of Distinguished Alumni.

James Van Meter '63 is CEO and executive vice president of finance of Georgia-Pacific Corporation in Atlanta. He was selected *Business Atlanta's* CEO of the year in 1992.

Larry L. Henry '64, a major general in the Air Force, is director of operational requirements, and deputy chief of staff, for plans and operations at U.S. Air Force headquarters in

Washington, D.C. A navigator with 320 combat missions in F-4s, his military awards and decorations include the Distinguished Service Medal, Silver Star, Legion of Merit and two oak leaf clusters, Distinguished Flying Cross with six oak leaf clusters, Bronze Star Medal with "V" device and oak leaf cluster, Purple Heart with one oak leaf cluster, Meritorious Service Medal with two oak leaf clusters, Air Medal with 20 oak leaf clusters and Air Force Commendation Medal with four oak leaf clusters. He assumed his present position last June.

Nancy L. Green '64 is assistant to the president of the Newspaper Division of Gannett. She joined Gannett in 1985 as president and publisher of the *Palladium-Item* at Richmond, Ind. She moved to Springfield, Mo., in 1989 as president and publisher of *The News Leader*. Green previously managed the publications operations at UK and the University of Texas at Austin.

Clifton A. Sexton Jr. '65, a faculty member at Nebraska Wesleyan University in Lincoln, has been promoted from assistant professor of accounting to associate professor of accounting. He has been with the university since 1985.

Samuel H. Halley III '67, president of Omni Architects in Lexington, received the C. Julian Oberwarth Award from the Kentucky Society of Architects in November. He is past president of the Kentucky Society of Architects and the UK College Architecture alumni group.



Gary L. Stewart '67 is chairman of the board for Eskew & Gresham, a regional accounting firm practicing primarily in Kentucky, with offices in Louisville and Lexington.

Marianthi Coroneou '67 is an assistant professor at the University of Texas at Tyler. She teaches English as a second language and French.

Janice L. Joseph '68 is the chief of nursing service at the VA Medical Center in Newington, Conn.

Kerry Curling '68 has coached high school youth for 22 years at three schools. Recently the new fieldhouse at South Fulton High School (South Fulton, Tenn.) was named The Kerry Curling Fieldhouse. Illness forced Curling to resign his head coach position in 1991. (He has been fighting cancer for four years.) The K-Men's Association has established a Kerry Curling Fund to receive tax-deductible contributions to help him and his family fight this disease. Checks, payable to the K-Men's Association, can be mailed to the K-Men's Association's Kerry Curling Fund, P.O. Box 22255, Lexington, KY 40522.

Bob Hill '68, a CPA and the director of taxation for the firm of Eskew & Gresham, was recently reappointed to a position on the Tax Practice Guides Committee of the American Institute of Certified Public Accountants Tax Division in Washington, D.C. Currently he is the only resident Kentuckian serving as an appointed member of the Tax Division.

Sally F. Martin '69, '73 is assistant chief of nursing service for mental health programs at the Jas. Haley Veterans Hospital. She lives in Tampa, Fla.

Robert C. Ball '69 has been named group vice president of products supply and transportation for Ashland Petroleum Company, responsible for the company's products supply and distribution services, marine and truck transportation and petroleum distribution terminals. A member of the UK Alumni Association, he is a past president of the Greater Ashland-UK Alumni Club.

1970s

Stephen K. Wilson '70 is president of three companies in Lexington: One Kentucky, Inc., a private practice insurance company; Solar-Hydro Engineering, Inc., a solar engineering manufacturing company, and East Star Financial Group, Inc., doing venture capital financing.

Barry Y. Dixon '72 is district director of the Cincinnati office of Burgess & Hipple Limited. He has been elected president of the Cincinnati Consulting Engineers Association.

John A. Hamilton '72 is president and managing director of Eskew & Gresham, PSC, certified public accountants, with Kentucky offices in Louisville and Lexington.

T. Lynn Harrelson '73 has completed her tenure as president of the Kentucky Pharmacists Association and is now serving as chairman of the board. She was awarded the 1990 A.H. Robbins Bowl of Hygeia Public Service Award and the 1992 Merck Sharp and Dohme Leadership Award. Now practicing as a consultant pharmacist, she is a UK Fellow.



Michael Ramage '73, '78 is general counsel for the Florida Department of Law Enforcement. He has served as an attorney in various positions within the FDLE since 1985. He lives in Tallahassee.

Mike Cornett '74 is director of customer service for Valvoline, Inc.

James (Pete) S. Bennett Jr. '74 is president of Coach Craft, Inc. in Lexington.

Bonnie Cecil '74, a Louisville elementary teacher has been named Kentucky's 1993 Teacher of the Year. She was selected by the Kentucky Department of Education because of her dedication to teaching, her classroom techniques and her attitude toward her students at the J. Graham Brown Elementary School. She is also Kentucky's 1993 Elementary Teacher of the Year.

Phyllis Coffey '74 produces and writes for Showtime comedy specials starring Jonathan Winters and an entourage of today's top comedians. She has produced TV shows, educational films and documentaries, and owned a production company. She lives in California.

Gregory A. Speck '74 is vice president of Health Care Resources in Somerset.

Dale S. Decker '74, '77 is director of engineering for the National Asphalt Pavement Association in Columbia, Md.

Philip W. Block '74 is administrative vice president of human resources at Ashland Oil, Inc. He joined Ashland in 1980 as public affairs policy manager. He became executive assistant to senior management in 1981 and in 1984 was promoted to administrative vice president of Ashland's engineering and construction group in Atlanta. In 1988, he became corporate vice president of Ashland's Pittsburgh office and later that year was promoted to vice president of corporate human resources.

Aubrey R. Hopkins '74, '79, a Navy lieutenant commander, was promoted to his present rank while serving aboard the aircraft carrier USS John F. Kennedy. Hopkins, a dentist, joined the Navy in 1990.

Joan McGill '75, who has taught in Eastern Kentucky University's Department of Baccalaureate Nursing since 1975, has been named chair of EKU's Faculty Senate.

Ronald D. Hawkins '75, formerly New York bureau chief for *Cable TV Business* magazine is now a staff writer for *The Daily News* in Bowling Green.

Marianne Hopkins Hutti '76, '79 is an associate professor at the University of Louisville School of Nursing. She received her doctorate of nursing at Indiana University in 1989.

William K. Lueker '76, a Navy lieutenant commander, was recently promoted to his present rank while serving aboard the aircraft carrier USS George Washington, homeported in Norfolk, Va.

Rebecca Bennett Crow '78 is the founder of RBC & Associates, political consultants in Washington, D.C., specializing in consulting services for state and urban governments, energy, law, management firms and similar clients, particularly regarding international monetary and trade issues.

Deborah H. Patterson '78 is an associate in the Louisville law office of Wyatt Tarrant & Combs.

Gary L. Arthur Jr. '78 is vice president of product and supply and distribution for the Ashland Petroleum Company. An employee since 1978, he has served as executive assistant to Ashland Oil, Inc. chairman John R. Hall since 1988. A UK Fellow, he lives in Ashland.

Judy Griffin '78 is vice president for institutional advancement at Midway College. She oversees programs in fund raising, marketing and public relations, alumnae affairs, camps and conferences and admissions for the college. Griffin also served as the national president of the American

Business Women's Association, an organization concerned with the educational advancement of women that provides more than \$3 million in scholarships each year.

Henry L. Hipkens '79, '92 is an associate in the Lexington law office of Wyatt, Tarrant & Combs.

Kimberly P. Wilson '79 joined Knight-Ridder as director of human resources for the *Lexington Herald-Leader* in 1985, and was promoted to her current position, vice president of human resources for the Knight-Ridder financial information group, in 1989.

Sharon B. Lowry '79, '86, manager of Practice Management Services of Alliant Health System, has earned advancement to fellow status in the American College of Medical Group Administrators. Lowry has been with Alliant since 1991 and works with physician group practices to enhance management and financial operations.

Terry Bolger '79 of Cincinnati, has taken a three-year plant research position with the Australian Department of Agriculture in Perth, Australia.

Diane Gussler-Lobach '79, an ophthalmologist on staff at Our Lady of Bellefonte Hospital in Ashland, has been certified by the American Board of Ophthalmology.

Daniel Bon '79 is director general of the policy planning division at National Defense Headquarters in Ottawa, Canada, with responsibilities including drafting the Annual Statement on Defense Policy, and participation in the twice annual meetings of the Nuclear Planning Group.



Mrs. Kentucky

Denise Cotton '87, an assistant vice president in human resources for Frankfort's Farmer's Capital Bank Corporation, has had a busier than usual six months traveling throughout the Commonwealth as Mrs. Kentucky. She has made special appearances for charitable fund drives and civic events including the Festival of the Horse Parade, American Cancer Society events, Cardinal Hill Hospital, the Shriners Hospital for Crippled Children and Operation Relief. Also a member of Leadership Frankfort, Cotton says that "having the opportunity to meet different people in different communities is wonderful." She represented Kentucky in the Mrs. America pageant in San Diego, Calif., last December.

Cotton, 34, who earned her bachelor's degree in business administration after five years of attending evening classes and working full time at Farmer's Bank, is married to Vincent Cotton '83, '89. They live in Lexington.

Michael Kremer '79 has been named by Brooklawn Youth Services in Louisville as director of its new residential treatment program known as The Cottages. Kremer opened an eight-bed treatment facility in January to serve adolescent boys. An additional unit will be opened this spring.

1980s

James R. Wombles Jr. '80 is a vice president and branch manager for Dean Witter Reynolds Inc., the securities brokerage in Virginia Beach, Va.

Ginny Bosomworth-Otter '80, '84 was named Kentucky's Outstanding Young Leader by the Jaycees in Louisville in February 1992. She is a manager for National City Corporation and lives in Louisville.

S. Dianne Blanford '80, '83 has become associated with the Lexington law firm of Newberry, Hargrove & Rambicure, P.S.C. Blanford was formerly a marketing manager with Gray Construction and practiced law for several years in Henderson. She will focus her practice in the areas of estate planning and probate.

Erick V. Jones '81 is the director of project and export finance for Asea Brown Bavari (AAB) in Stamford, Conn. A former officer with Chemical Bank, New York City, he specialized in the bank's activities in Africa.

Joe Main '81 works for Brown-Forman Beverage Company as manager of distillery administration at Early Times. He is based in Louisville.

David W. Seewer '81 has been named a partner in the Louisville office of Wyatt, Tarrant & Combs. He joined the firm in 1988.

William B. Peace '81, is an interior designer and partner in the design firm of Gandy/Peace Inc. in Atlanta, Ga.

Clinton W. Sly Jr. '81 works for the Radio Group of the Great American Broadcasting Company as vice president and general manager of WRIF-FM in Detroit, Mich. Prior to this he was vice president and general manager of KBPI-FM, Denver, Colo., a position he had held since 1990.

John L. Kiser '81, '85 has joined the law firm of Wyatt, Tarrant & Combs as an associate in its Louisville office.

Thomas R. Taylor '81, a Navy lieutenant commander participated in Navy Fleet Exercise (FLEETEX) off the Virginia and North Carolina coasts. Nineteen U.S. Navy ships participated as well as U.S. Marine Corps and Air Force assets, along with several ships from the British Royal Navy.

Michael Perros '81 has been made a vice president in the southern division of Delta Tau Delta Fraternity. Perros, a life member of the Alumni Association, is a past member of the board of directors and a past president of the Danville-Boyle County Alumni Club. He is manager and vice president of J.J.B. Hilliard Lyons, Inc., in the Danville office.

David Draper '82 works for the Brown-Forman Beverage Company as assistant vice president and group manager for finance in Louisville. Draper is a certified public accountant.

Mark U. Johnson '82 is executive vice president of the Citizens Bank & Trust Company in Campbellsville.

John Q. Wesley '82 is marketing manager of IG-LO/Pyroil Performance Products. A subsidiary of Valvoline, Inc., the company headquarters are in Lexington.

George Ginter '83, an anesthesiologist at Good Samaritan Hospital in

Lexington, retired as a professional junior middleweight boxer in 1987, with a 5-0 record. Now Ginter helps run an amateur boxing program for the Department of Parks and Recreation, manages and trains three fledgling pros and is a member of the Kentucky State Athletic Commission.

Mark Hamilton '83 was on the U.S. Olympic team for the men's 1,000-meter four-man kayak competition. Though the boat finished last in a nine-boat field, Hamilton said he would remember a first — never before had the U.S. placed a boat in the Olympic final of this race.

Frankie Zalaznik '83, a member of the 475th M.A.S.H. unit of the Kentucky National Guard, has served in two wars. She was an Army nurse in Vietnam and 20 years later found herself in the Persian Gulf. In civilian life she is a nurse with UK aeromedical services. Minus the six months she spent with Desert Storm, she has been with the flying ambulance service since it began five years ago.

Evan B. Clark '83, a lieutenant commander in the Coast Guard, has recently completed the Reserve Officer Joint Military Operations course at the Naval War College in Newport, R.I. He is a 1976 graduate of the U.S. Coast Guard Academy in New London, Conn.

Jody Carbiener '83 has been named director of Corporate Synergy and Special Projects for the Walt Disney Co., and executive assistant to the chairman and CEO, and to the president and COO. Since 1989 Carbiener had been the manager of marketing special projects for Walt Disney Attractions, which includes Disneyland, Walt Disney World Resort and EuroDisney Resort. She joined the company in 1983.

Alma Hale Paty '84 is the director of public lands and mineral policy for the American Mining Congress, a trade association in Washington, D.C. She was formerly a staff member of the Mining and Natural Resources Subcommittee of the House Interior Committee.

Phillip B. Powell '84 has successfully completed the comprehensive examination of the American Board of Orthodontics and is now board certified. He conducts a dual practice specializing in both orthodontics and pediatric dentistry in Knoxville, Tenn.

Laura A. Paine '84 is branch manager of Community Savings Bank in New Albany, Ind.

Mark Pierson '84 is a principal with Cathay Counsellors Group in Hong Kong with offices in Washington, London, Tokyo, Bombay and Seattle. CCG provides services in strategic planning, government affairs, trade development, business research and public relations.

Larry D. Boone '84 is human resources and general administration manager with the Summit Corporation, a subsidiary of American Greetings Corporation in Shelbyville. Boone earned the Professional in Human Resources Certification (PHR) from the Human Resources Certification institute in December 1991.

Heather Longton Sanchez '85, '86 lives in Hawaii where she has taken a position as a legislative analyst with Hawaii's legislative auditors office.

Steve Jennings '85 is a supervisor in the Lexington office of Eskew & Gresham, PSC certified public accountants.

Eric Dennison '85 is an associate in the Houston, Texas, law office of Hutcheson & Grundy in the firm's real estate section.

Mary Ann Crawford '85 is an auditor for the Columbia Gas System in Columbus, Ohio. She earned a master's degree in business administration from Ohio State University last June.

Patrick A. Horne '85, a Navy petty officer 2nd class, has deployed with Attack Squadron-75, Naval Air Station Oceana of Virginia Beach, Va., to the Mediterranean with the USS John F. Kennedy aircraft carrier battle group.

Frank S. Stich '85, a Navy lieutenant, recently graduated from the Basic Civil Engineer Corps Officer School. He is a 1992 graduate of the Naval Postgraduate School in Monterey, Calif., with a master of science degree.

Steven L. Spalding '85 is senior attorney for Valvoline, Inc., a subsidiary of Ashland Oil. Prior to joining Valvoline in 1989, Spalding was an associate with Greenebaum, Doll & McDonald in Lexington.

Anne K. Abate '86 is the librarian for the firm of Dinsmore & Shohl in Cincinnati.

Jennifer Culley '86 is working for Caretenders and is in her third year of medical school at the University of Louisville. She will receive her M.D. in May 1993.

Elizabeth A. Sciora '86 was selected as one of the Great 100 Nurses in North Carolina in 1991. She is in private practice as a certified nurse-midwife. She lives in Durham.

Dana Blickwedel '86 is senior analyst with NationsBank in Charlotte, N.C. Prior to this he was with Sovran Bank in Nashville, Tenn.

Robert Leon '86 is senior product manager at ICI, the British chemical company, in Dearborn, Mich.

Jackie Stanley '86, a lieutenant in the Navy, has returned from a six-month deployment to the Mediterranean and Red Sea as part of the aircraft carrier USS Saratoga Battle Group. He is stationed at the Naval Air Station at Cecil Field, Fla.

Dana J. "D.J." Nelson '86, and **Cynthia Hill Nelson '87**, live in Great Falls, Mont. D.J., an Air Force captain, is an instructor/navigator on the KC-135 aircraft as well as the flight safety officer at Malstrom Air Force Base. Cynthia earned a master's degree at the University of Montana, and is now a fashion advisor for Contempo Fashions. She also teaches baton at the YWCA and the Mountain Shadows School of Dance.

Kyle Simmons '87, '88 was the deputy press secretary at the Republican National Convention in 1992, and then a press agent for the Bush-Quayle presidential campaign.

Robert A. Amato '87 has been the city engineer in Elizabethtown since last September.

Patrick O'Rourke '87 has been promoted by the Brown-Forman Beverage Company to area manager of Louisiana for the newly formed Select Brands Division. Based in New Orleans, he joined the company in 1988.

Joseph B. Hanks '87 has accepted the position of associate general counsel of Tru Green/Chem Lawn, a lawn care company based in Memphis, Tenn.

Elizabeth Harralson Slattery '87, '90 is office manager for Healthco International in Dallas, Texas.

John M. Allen '87, a Marine captain, was promoted to his present rank while serving with Marine Medium Helicopter Squadron-162 at the Marine Corps Air Station New River in Jacksonville, N.C.

Susan Glauber Martin '87 has been appointed director of physical therapy at Our Lady of Bellefonte Hospital in Ashland. She has been a physical therapist at OLBH for five years and has been assistant director since 1988.

Jennie Meador '88 has been promoted by the Brown-Forman Beverage Company to area manager for Southern Florida. She is based in Miami. Meador joined the company in 1988.

Thomas S. Swanberg '88, a Coast Guard lieutenant j.g., has been designated a Naval Aviator and presented with the Wings of Gold which mark the culmination of months of flight training with Helicopter Training Squadron-Eight at the Naval Air Station Whiting Field in Milton, Fla.

Michael Cornwall '88, a graduate student in counseling at Eastern Kentucky University has received a \$5,000 grant in a Kentucky Arts Council program designed to advance the careers of promising writers. He was one of about 100 Kentuckians to compete for an Al Smith Fellowship in the fiction-writing category.



Stanley E. Cox '88 has been named assistant professor at the New England School of Law. He also holds degrees from Harvard College, Duke University, and Trinity College in Dublin as well as from UK.

Michael Koenig '89 has been appointed by the Ford Foundation as program officer in New Delhi, from his previous position as an associate with the Population Council, based at the International Center for Diarrheal Diseases Research Center in Dhaka, Bangladesh.

Roger G. Wright '89, a Navy ensign, recently completed the Officer Indoctrination School in Newport, R.I.

Todd S. Taylor '89, a Marine first lieutenant, recently reported for duty at the Naval Air Station at Cecil Field, Fla.

Joan Ruttle Carrington '89 is employed by the U.S. Army Nurses Corps (active duty) at the Fitzsimons Army Medical Center in Denver, Colo. She is working toward certification as a nurse oncologist.

Terry W. Taylor '89, a Navy lieutenant j.g., recently reported for duty with Patrol Squadron-10 at the Naval Air Station, Brunswick, Maine.

John C. Miller '89, '92 has been named an associate with the Lexington law office of Wyatt, Tarrant & Combs.

Troy D. Reynolds '89, '92 has been named an associate with the Lexington law office of Wyatt, Tarrant & Combs.

Martha J. Klosterman '89, '92 has been named an associate with the Louisville law office of Wyatt, Tarrant & Combs.

Simia Ahmadi '89 has been awarded a master of arts degree in International Policy Studies from the Monterey (California) Institute of International Studies.

Michelle D. Wyrick '89 has been named an associate with the Louisville law office of Wyatt, Tarrant & Combs.

J. Celeste Duncan '89 is the winner of the First Decade Alumni Award from the UK College of Human Environmental Sciences alumni group. She has worked as a county extension agent for home economics in Carroll County since her graduation. Active in professional and civic organizations, she is also secretary and membership chair of her college's alumni group.

Carrie Kirkpatrick Howard '89, '92 is a staff attorney for the Fayette Circuit Court. Her husband, **Leland "Buddy" Howard '90**, is a third year student at the UK College of Law.

Jeffery A. Meade '89, a Marine 1st lieutenant, has deployed with the 22nd Marine Expeditionary Unit, Camp Lejeune, N.C. to the Mediterranean Sea as part of the USS Guam Amphibious Ready Group. Meade will visit ports throughout the Mediterranean.

1990s

Tammy D. McNabb '90, a primary teacher in Elizabethtown, has received the Alpha Award that is presented to first- or second-year teachers in the Hardin County School System. Dow-Corning, Inc., is the sponsor of the \$600 award.

Craig Schmitt '90 has been hired by Brown-Forman Beverage Company as merchandising representative for the New England Spirits Division, based in Boston. He is a recent graduate of the University of Notre Dame Graduate School of Business with a master's of business administration degree.

Tim McCormick '90 has been promoted to senior accountant in the Lexington office of Eskew & Gresham, PSC, a regional accounting firm.

Bryan Free '90 is a teller at Citizens Fidelity Bank in Louisville. He and **Tammy D. McNabb '89** are planning to be married this June. She is an elementary school teacher in Elizabethtown.

Pat Brewer '91 is working for a North American Free Trade Agreement lobbyist in Washington, D.C.

Kathleen L. Poulter '91 is a staff accountant for Deloitte & Touche in Cincinnati.

Ashley Judd '91, the only sibling of Wynonna Judd and the youngest child of Naomi, is appearing in the NBC drama "Sisters" as teenager "Reid, daughter of Alex."

Christal A. Schrader '91 is an associate with the Lexington law office of Wyatt, Tarrant & Combs.

Frank B. Ueltschi '91 is working in Underberg, South Africa developing 12,000 acres for a tree farm.

Kym M. Voorhees '91 is working in customer relations at the J. Peterman Co. in Lexington and plans to attend graduate school for an MBA in marketing.

Sara Melton '91 is an international trade specialist with the Department of Commerce's International Trade Administration in San Diego. She counsels small and medium sized companies on exporting products.

Matt O'Brien '91 is a research associate with the Institute for Defense Analysis' Technology Identification and Analyses Center in Washington, D.C., where he researches non-proliferation, export controls, and the Department of Defense's new acquisitions.

Karin Stromqvist '91 is "drinks and drinkers project manager" for Coca-Cola Nordic Division (which now includes the Baltic states and the Soviet Union), in Stockholm.

Lee Tatum '91 is a marketing representative for the Louisville region for Gallo Brothers Winery.

D. Drew Pringle '91 is director of the total fitness lifestyle program at Wright State University in Dayton, Ohio. He also teaches courses in health and wellness.

Theresa E. Siemer '92, Navy lieutenant, recently reported for duty at the Naval Hospital in Newport, R.I. She is a nurse.

Jackie Appleby '92 is executive assistant to the executive director of Multinational Business Services in Washington, D.C., a joint venture which coordinates exports and trade for U.S. and foreign businesses.

Peter Krug '92 is a field organizer and consultant for political campaigns in California. His current project is with the San Jose Giants Stadium Committee, where he has helped raise more than \$500,000.

Craig Vandevelde '92 is teaching economics courses to university student in the Ukraine for the 1992-93 academic year through Yale University's Civic Education Project. He lives at Donetsk, which is north of the Azov Sea in the Donbas region.

Brenda Ward '92 has joined Our Lady of Bellefonte Hospital in Ashland as director of social services and discharge planning. Prior to this she was the regional planner of the Older American Act Programs for the FIVCO Area Development District.

Former Students

Darrell L. Christian is managing editor of the news service for the Associated Press. He had been AP's sports editor for seven years before this appointment. As sports editor he coordinated AP's coverage of the 1988 and 1992 Winter and Summer Olympics. A native of Henderson, he began his newspaper career as a sports writer and sports editor on the *Henderson Gleaner* in 1964. He is with the Washington D.C. bureau.

Peggy Silhanek has been appointed to the position of director of development for the J.B. Speed Art Museum on the University of Louisville campus. She and her husband, **Fred Silhanek '54**, moved back to Kentucky last October from New Jersey.

Associate Members

W.B. Griffin has made a gift of several music tapes to the UK library. Some tapes in this collection include organ music by Bob Peck at the Imperial House in the 1960s, music from the Ringling Brothers and Barnum and Bailey Circus, the Antioch Shrine Circus, the Clyde Beatty — Cole Brothers Circus, and the University of Wisconsin Symphony Orchestra. In the past Griffin has given several gifts to UK, including other tapes, and circus and railroad pictures.

James C. McGary, Lexington general agent for the Ohio National Life Insurance Company, was awarded the Medal of Honor Award by the Kentucky State Association of Life Underwriters. He is a UK Fellow and a Life Member of the UK Alumni Association. He has been honored as an Outstanding Alumni of Sigma Phi Epsilon fraternity, and has continued his affiliation with UK by teaching chartered life underwriter courses.



NECROLOGY

The University of Kentucky Alumni Association extends its sympathy to the family and friends of the following alumni.

John S. Fish '16* of Bowling Green, May 10, 1992. Life Member.

Leonard E. Stern '17 of Louisville, November 15, 1991.

Maud N. Burton '21 of Cincinnati, Ohio, July 25, 1992.

Amanda Louise Forkner '22 of Pompano Beach, Fla., July 14, 1992.

Marcus Fine '23 of Louisville, July 26, 1991.

Roscoe C. Kash '25* of Lebanon, Tenn., December 29, 1991. Life member.

Joe E. Leger '26 of Ocilla, Ga., September 23, 1991.

Josephine Srain Mason '28* of Springfield, Ohio, May 17, 1992. Life member.

Julia Rice Ewan '28 of Lexington, October 13, 1992.

William L. Case '29* of Cynthiana, October 24, 1992.

Katherine Wilson Armstrong '30* of Lexington, October 21, 1992.

Imogene Smith Kellogg '30 of Plantation, Fla., May 16, 1991.

Robert K. Lewis '30 of Danville, July 15, 1992.

J. Henry Lewis '30* of Staffordville, December 14, 1991.

Harold B. Dalton '31 of Bowling Green, September 2, 1991.

Rosalind Angelucci Austin '32* of Lexington, September 13, 1992.

John A. Bush '33 of St. Petersburg, Fla., May 23, 1992.

Samuel E. King '34 of Lexington, October 10, 1992.

Thomas C. Conrey '35 of Owensboro, January 5, 1990.

Robert G. Williamson Jr. '36 of Longwood, Fla., August 2, 1992.

Raymond F. Ellis '36 of Tampa, Fla., January 23, 1992.

Marie Horton Parker '37 of Hoover, Ala., December 4, 1991.

Wallace L. Campbell '38 of Indianapolis, Ind., October 25, 1991.

Nancy Johnston Rucker '38, Richmond, Va., October 11, 1992.

Truman E. Moore '39 of Lexington, October 1, 1992.

William D. Chilton '40 of Louisville, February 21, 1992.

Mabel Lovens Clark '40* of Lexington, October 15, 1992.

Pattie Logan McCormack '41 of Lexington, October 14, 1992.

Eleanor Rubin Ritchie '41 of Louisville, October 14, 1992.

Glenna Jones Kemper '42 of Cincinnati, February 24, 1992.

Clarence W. Starns '44 of Lexington, September 6, 1992.

Clayton Rowland '45 of Springfield, June 19, 1991.

Frank T. Phelps '46 of Virginia Beach, Va., July 23, 1991.

Joseph R. Bolton '47 of Palm Harbor, Fla., May 19, 1992.

Eloise Goins Burch '47 of Barboursville, May 3, 1991.

Louis W. McDonald '47 of Mayfield, March 1, 1990.

Betty Lillard Stewart '47* of Osprey, Fla., June 30, 1990. Life member.

Joseph S. Burnette '47* of Maysville, November 18, 1992.

Helen Hutchcraft Moak '48* of Oxford, Miss., October 19, 1992. Life member.

Hugh C. Smith '48* of St. Petersburg, Fla., February 2, 1992. Life member.

John W. Abell '48 of Key Largo, Fla., August 26, 1992.

Minor R. Haycraft '49 of Clarksville, Ind., February 17, 1992.

W. Dalton Greenfield '49* of Paducah, July 8, 1992.

Henry M. Griffin '49 of Owensboro, December 1, 1991.

Roscoe M. Pierson '50 of Lexington, October 23, 1992.

William C. Padon '50* of Louisville, October 25, 1992. Life member.

Joseph T. Elmes '50 of Louisville, June 5, 1991.

William M. Sanders '50 of Wheatland, Pa., December 24, 1991.

Hambleton Tapp '50 of Versailles, October 14, 1992.

Cornelia Darnall Stofer '51 of Lexington, November 5, 1992.

Mary Louise Osborne '52 of Louisville, October 28, 1992.

William E. Lacy '53 of Jamestown, May 11, 1990.

John B. Hensley Jr. '54 of Harrogate, Tenn., October 14, 1991.

Margaret Powell Helton '54* of Danville, October 24, 1992.

Cecil D. Walden Jr. '54 of Atlanta, Ga., April 1991.

Martha Frances Hill '55 of Muncie, Ind., November 5, 1992.

Elinor Wyatt Wright '55 of Frankfort, January 29, 1992.

Bishop Y. Claggett '56 of Sanford, Fla., May 23, 1992.

Geneva Faulconer Crutcher '56 of Bynum, Ala., November 16, 1992.

John R. Burnett '57 of Lexington, September 13, 1992.

Lillian Rubin Snyder '57 of Louisville, November 6, 1991.

John J. Amic Jr. '59 of Lexington, October 19, 1991.

Edgar L. Mills '59 of Bowling Green, January 7, 1991.

Joda Milbern '62 of McKinney, October 3, 1990.

Eugene B. Lee '63 of Georgetown, November 11, 1992.

Marie Roberts Carey '69 of Louisa, February 8, 1991.

Lonnie H. Davis '72 of Bluefield, January 1, 1992.

Thornton J. Wihry '72 of Prospect, August 26, 1992.

Todd K. McClure '72* of Cincinnati, May 13, 1992. Life member.

John H. McElroy '73 of Savannah, Ga., November 10, 1991.

Frank N. Robles '73 of Prospect, March 3, 1992.

Paul C. Gordon '74 of Owensboro,
November 15, 1992.

Edward W. Deitz '75 of Lexington,
October 16, 1992.

Daryl E. Montgomery '76 of
Lancaster, September 15, 1991.

David L. Rosenthal '78 of
Winchester, June 15, 1992.

Donald T. Anderson '79 of
Lexington, April 18, 1992.

Ruth Ligon Acker '80 of Richmond,
November 15, 1990.

Marshall Burlew of Owensboro,
January 28, 1991.

Katherine Brown McComb of
Knoxville, Tenn., March 18, 1992.

Fred G. Sliter of Hollywood, Calif.,
February 5, 1992.

Frank C. Jennings* of Lexington,
July 4, 1992.

Jean Cawood Adams* of Spring-
field, Ill., February 25, 1992.

Bill Duggins* of Louisville, January
13, 1992.

James E. Ireland* of Lexington,
November 1, 1992.

George P. Godfrey* of Fulton,
September 6, 1992.

Jane Shaffer* of Sturgis, January 4,
1993. Life member.

*Denotes active membership in the
UK National Alumni Association at
the time of death.

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According to a recent survey, active readers of the Kentucky Alumnus are 62 per-
cent male and 62 percent of respondents are between the ages of 24 and 59.
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Forty percent have incomes between \$35,000 and \$80,000, and 35 percent have
incomes in excess of that. Stocks are a regular investment for 62 percent, and 60
percent of our members invest in IRAs/Keoughs. Eighty-four percent own homes,
71 percent live in Kentucky and 10 percent live in surrounding states. Fifty per-
cent of this sample hold graduate degrees and 67 percent are employed in deci-
sion-making positions. Seventy percent of respondents exercise as part of a regu-
lar routine, and 78 percent stay in a hotel at least six nights a year. Sixty-two per-
cent use AT&T long-distance service and 25 percent use mobile phones. Two
automobiles are owned by 72 percent of our respondents. UK home games are a
favorite recreation for almost everyone — 70 percent attend one to 10 games a
year. Twenty-five percent play golf, 30 percent participate in other activities such
as tennis, skiing, walking and hiking, and 37 percent attend the theater regularly.

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Alumni, UK faculty and UK staff members are invited to submit material for UK Authors, a feature of the Association's publications. Books, magazine articles, plays, poems, recordings and films published within the past 24 months are among the items listed. Please include publisher's address. Send to the University of Kentucky Alumni Association, King Alumni House, Lexington, KY 40506-0119. FAX 606-258-1063.

LEADERS IN AMERICAN GEOGRAPHIC EDUCATION by UK geography professor **P.P. Karan**, and Thomas F. Barton of Indiana University, is the first of a three-volume study. Based on a national survey, the book identifies 80 American geographers and their contributions to geographic education. The second volume on leaders in research will be published in 1995, and the third volume on leaders in world geography in 1996. (New Mexico Geographical Society, 2916 Snow Road, Mesilla, NM 88046. \$20.00 pp.)

HOW IS JESUS GOOD NEWS? by **Ray Notgrass '75**, minister with the Philo Road Church of Christ in Urbana, Illinois since 1985, discusses the basic claims of the Christian message and how they apply to life today. (Resource Publications, 202 South Locust, Searcy, AR 72143.)

ARE YOU MY TYPE? or WHY AREN'T YOU MORE LIKE ME? by **Claudine G. Wirths '46, '48** and Mary Bowman-Kruhm. Wirths is on the adjunct faculty of Frederick Community College in Maryland, and a full-time consultant and speaker. Bowman-Kuhn was a teacher at the University of Maryland and Western Maryland College, and is now a freelance writer, consultant and speaker. This book offers an introduction to temperament theory and the concepts of psychological type specifically for teenagers at the middle and high school level. Students will gain understanding and insight about themselves

and those around them. The material is presented in a question-answer format. (Consulting Psychologist Press, Inc. P.O. Box 10096, Palo Alto, CA 94303-0979. 1-800-624-1765. Book, \$12.50 — Teachers Guide, \$3.00.)

MARKETING PHARMACEUTICAL SERVICES, PATRON LOYALTY, SATISFACTION, AND PREFERENCES, edited by **Harry A. Smith '49** and Stephen Joel Coons, provides data from which practicing pharmacists can develop a service program designed for its patrons and marketing strategies for promoting those services. Smith is a professor at UK's College of Pharmacy, and Coons is an associate professor of pharmacy administration at the University of Arizona in Tucson. (Pharmaceutical Products Press, 10 Alice Street, Binghamton, NY 13904-1580. \$49.95, hard cover, \$29.95, soft cover.)

NATURAL SELECTIONS by **Jeff Worley**, associate editor of UK's magazine on research, *Odyssey*, in collaboration with **Lance Olsen**, former assistant professor of English at UK and now associate professor of English at the University of Idaho, has won the national Still Waters Press Fourth-Annual Poetry Competition. The collection, which focuses on animal life, exhibits an "exquisite empathy with the animal world . . . and the sense of the human struggle with inevitabilities of life on earth." (Still Waters Press, 112 West Duerer Street, Galoway, NJ 08201-9402. 609-652-1790. \$5.00)

ALIEN BLUES and ALIEN EYES, by **Lynn S. Hightower '77**, are two in a series of futuristic police procedurals. Her mystery/suspense novel, *Satan's Lambs*, featuring Kentucky-based P.I.

Lena Padgett, will be brought out in hardcover in June 1993. Hightower's short fiction has appeared in *The*

Magazine of Fantasy & Science Fiction, *Aboriginal Science Fiction*, and the anthologies *Final Shadows* and *Women of Darkness II*. (Berkley/Ace Books, The Berkley Publishing Group, 200 Madison Avenue, New York, NY 10016. Alien Eyes, \$4.99; Alien Blues, \$4.50.)

RIVERSIDE REMEMBERED by **Wallace Briggs**, retired professor of theater at UK. The book, "is a chance to take a trip to the 1920s when bilious children were given doses of Calomel, people traveled across country by train, fishin' poles were made from willow branches, and a flawed china plate was a treasure that every child coveted." Briggs tells the story of a young mother and her son who traveled many summers to Mississippi to stay with her parents and her married sister. It is the story of change and maturation. (University Press of Kentucky, 663 South Limestone Street, Lexington, KY 40508-4008. 606-257-5200. \$25.00.)

PRIMARY UNDERSTANDINGS IN PHILOSOPHY FOR UNDERSTANDING THEOLOGY, edited by **Diogenes Allen '54** and Eric O. Springsted. Allen is Stuart Professor of Philosophy at Princeton Theological Seminary in New Jersey, and Springsted is chaplain and associate professor of Philosophy and Religion at Illinois College in Jacksonville, Illinois. This book explores philosophic terms or concepts vital to understanding many issues in Christian theology. The writings included deal with philosophical issues crucial to the understanding of theology and show responses to those issues from Plato to the present. (Westminster/John Knox Press, 100 Witherspoon Street, Suite 1620, Louisville, KY 40202-1396. \$19.95.)

MARGARET THATCHER'S DOCTRINE ON RECOGNITION OF CROATIA, by **Margaret Stewart Omrcanin '37, '41**. (Ivor Press, 700 New Hampshire Avenue, N.W., Apt. 701, Washington, D.C. 20037.)



The University of Rebecca Hagood



UK graduate Rebecca Hagood traces her very job to Management 301. The course at the University of Kentucky includes a segment on Japanese management and culture.

Something clicked. A couple of months later she interviewed for a job with Toyota. Within weeks the firm called and left word that the job was hers!

Now assistant manager of raw material purchasing, Ms. Hagood supervises a staff of six.

She returns to UK every semester to help teach...Japanese management and culture. The education that graduates like Rebecca Hagood received at UK is another reason...

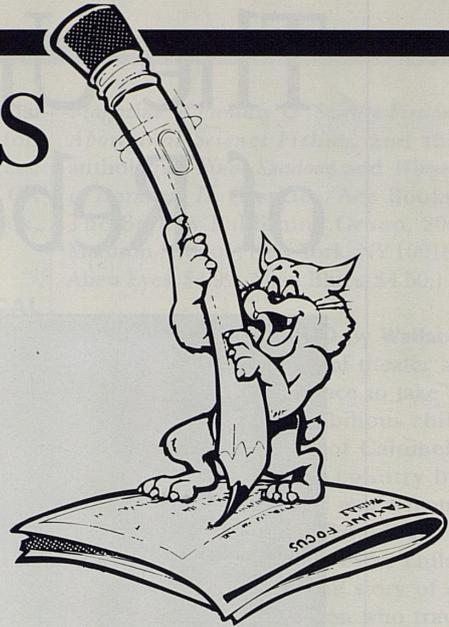
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1. The average American child watches (on TV alone)
 8,000; 18,000; 80,000 murders before graduating from elementary school.

2. That same average child witnesses over
 50,000; 100,000; 150,000 other assorted acts of violence on TV alone.

3. Have you ever walked out of a movie theater because of the violence on the screen? Yes No
 Did you ask for a refund? Yes No

4. Have you ever thought about writing to an advertiser, movie producer or performer or local movie theater protesting the violence of a show or movie? Yes No

5. Have you ever written a letter to a TV sponsor protesting a violent show or movie? Yes No

6. Have you ever kept a "log" of the violence you and your children witness regularly on TV, in song lyrics, promotional spots, billboards, posters, newspaper headlines and pictures, magazine covers and photos, videos, cartoons, books? Yes No. If yes, what were the results? _____

7. Do you think the current level and detailed expression of violence really hurt individuals? Yes No. If so, how? _____

8. Do you think the current expression of violence hurt the community/society? _____

9. Do you feel the technology used in creating make-believe violence makes it harder for children to distinguish the make-believe from reality? _____

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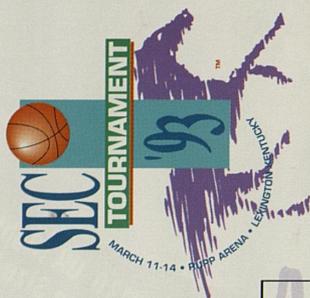
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THURSDAY, MARCH 11	FRIDAY, MARCH 12	SATURDAY, MARCH 13	SUNDAY, MARCH 14
Western #4 Game 1 - 1 p.m.	Eastern #1 Game 5 - 1 p.m.		
Eastern #5		Game 9 - 1 p.m.	
Eastern #3 Game 3 - 7:30 p.m.	Western #2 Game 7 - 7:30 p.m.		
Western #6	Western #1 Game 6 - 3:15 p.m.		Game 11 - 1 p.m.
Eastern #4 Game 2 - 3:15 p.m.	Eastern #2 Game 8 - 9:45 p.m.	Game 10 - 3:15 p.m.	
Western #5			
Western #3 Game 4 - 9:45 p.m.			
Eastern #6			



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