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COVER: Astronaut Story Musgrave '66 stands on a foot restraint attached to the Space Shuttle Endeavour as he works on the Hubble Telescope 356 nautical miles above earth.

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Wethington Jr. President Wethington uses UK study to demonstrate higher education's economic impact

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Ralph Anderson, the owner and founder of Belcan Corporation in Cincinnati and a UK School of Engineering graduate, is giving UK \$2 million for a new mechanical engineering building. Above is an artist's rendering of the building that will bear Anderson's name.

Giving Back

Ralph Anderson, a 1950 graduate of the College of Engineering, is giving the university \$2 million for a new mechanical engineering building.

Anderson is owner and founder of Belcan Corporation in Cincinnati, which provides a variety of technical support services for industry. The company generates \$250 million in revenue and employs 3,500 workers.

A native of Harrodsburg, Anderson worked his way through UK in the engineering machine shop and earned a degree in mechanical engineering.

Funding a new mechanical engineering building is one of the university's top priorities in the current legislative session. The new mechanical engineering building will complete the UK engineering complex which is currently under construction and

Anderson's gift is the largest ever of an alumnus to the College of Engineering. Anderson was honored by the college this year by being inducted into the college's Hall of Distinction. All the members of the Anderson family are UK Fellows.

Health Care Reform

The 1993-94 University Forum scheduled for April 6 and 7 at the Singletary Center for the Arts will highlight the impact of health care reform on entitlements, economics and health care. The two-day program will bring a distinguished group of national experts and Kentucky panelists together for what Dr. Michael Rie, Forum director, calls a dialogue about a "politically incorrect taboo subject." Rie is a UK associate professor of anesthesiology and surgery.

Presentations will include "The Science of Predicting Death in Intensive Care Units," "The Message of Oregon: Wealth Transfer, Peaceful Co-Existence and the Virtues of a Multi-Tiered Health Care System in the American Economy" and "Reforming the Malpractice Laws for Entitlement Limited Health Plans." Also the Clinton Administration has been invited to present "Balancing Access, Costs and Quality in Health Care: The Clinton View."

Each day's program will feature a reactor panel who will respond to the presentations. There will also be questions from the audience. The forum will close April 7 with a town meeting from 2:45 p.m. to 4:45 p.m.

Continuing education credits have been requested for medicine, nursing, social work, pharmacy, health administration and law. A processing fee for credits will be charged. Admission is free but seating reservations are requested for the sessions you wish to attend. A detailed brochure is available by calling 606-323-5956.

Growing With Times

Alta Mae Chandler celebrated her 100th birthday on New Year's Eve. She was honored with a party at Antioch Christian Church in Lexington where she attends services,

and has served as editor of the church paper.

In recognition of her birthday she received a salute from NBC's Willard Scott on the *Today Show*, and letters from



President Bill Clinton, Kentucky Gov. Brereton Jones and UK President Charles T. Wethington Jr. The flower arrangement and crystal bowl she's holding (above) was a gift from the UK Alumni Association. She is the UKAA's oldest living member.

Still active, she bought a piano (with a 10-year warranty) when she was 90, and after not touching a piano for more than 50 years began lessons again. She also drove a sports car until a couple of years ago.

Having literally gone from horse and buggy days to space travel, she regards space travel as one the most significant events of her time.

When asked for tips for living a long life, Chandler says she eats mostly vegetables, and jokingly adds that she's never married or had children, maybe that's why she's lived so long.

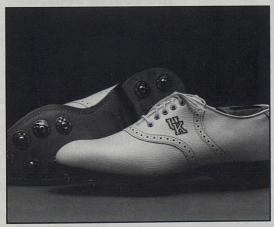
When reading she enjoys novels and non-fiction, and *Time* Magazine to help stay abreast of things. She also enjoys shopping and eating out. Chandler particularly enjoys Spindletop Hall.

Chandler, who taught chemistry for five years before receiving her degree from UK in 1921, counts the Alumni Association as one of the organizations whose membership she has enjoyed over the years. But, she says, she doesn't get to alumni club meetings, "because they are usually too far out." Photo by Brenda Bain

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After 15 years of talking about it, it looks like the Kentucky Basketball Museum will become reality. A \$3 million fundraising drive was announced last month. Above is an artist's conception of what the museum, to be located in the Lexington Center, will look like.

A Marquee Attraction

After 15 years of passing around a good idea, it now looks like the UK basketball museum is going to become a reality. Former Wildcat player **Jim LeMaster** announced that a \$3 million fund-raising drive is underway.

The Lexington Fayette Urban County government has released 10,000 square feet of the Lexington Center rent-free for 10 years for the project. Plans call for a variety of exhibits, including virtual reality technology that will allow you to participate in The Big Game or go one-on-one in a computer game with your favorite UK player.

A consultant has estimated that 130,000 people would visit the museum during its first year of operation. It is hoped that year will be 1995. Earlier donations plus interest are starting the project out with about \$40,000 in seed money. Big Blue barrels sit out around Rupp Arena each game for fans to contribute to the project. Fans can also help select the

former players to be incorporated into the video games. For \$2 a player, fans can nominate their favorite players to be part of the interactive exhibits. Donations can be sent to University of Kentucky Basketball Museum, P.O. Box 89, Lexington, KY 40501.

The Fourth Season

Here's your checklist for establishing your expectations for the UK Wildcats in this year's NCAA Tournament. On February 1, coach Rick Pitino ticked off this list of "must have" conditions for the 1993-94 Wildcats to reach their potential:

- Andre Riddick must step forward and become a big presence in the center; it's do it now or sit next year and watch Mark Pope, the transfer from the University of Washington who has to sit out this year;
- Tony Delk and Rodrick Rhodes must use their versatile skills every game, slash to the basket, score, rebound and rack up a few assists;
- Travis Ford to be Travis Ford, making other players better with his

great ball handling skills and high assist totals, clutch free throw shooting and scoring ability;

• Jared Prickett to be Jared Prickett, especially the improved version that began to emerge in early February with the advent of the individual instruction sessions held for the post players.

• Team free-throw shooting must improve above its 64 percent rate in early February (but not by much to meet the 68 percent average nationwide, the lowest since the mid-1950s).

Peach Bowl Pay-off

In addition to the television exposure, the additional weeks of print coverage, and the money that comes with participating in the 1993 Peach Bowl, the Wildcats are reaping rewards on the recruiting front. Twenty-two players committed to the Cats before the Feb. 2 signing date and another signed Feb. 3.

UK recruiting coordinator **Tommy Limbaugh** said, "I personally think this class will take us to a new level." Despite attending campus on the most wintry weekend of the season, the Cats attracted nine players from Florida, a state known for the quality and quantity of its football players. UK had earlier signed two players from the junior college ranks, **Eric Gray** and **George Harris**, both of whom are from the City College of San Francisco.

Gray finished the season as the top-rated juco quarterback in the nation after leading his team to a 20-2 record over the past two years. This year he completed 83-of-173 passes for 19 touchdowns and 10 interceptions and rushed for 787 yards and 12 touchdowns.

Harris is a defensive back who was twice named to the all-conference team. In two seasons, Harris racked up 14 interceptions, 58 unassisted tackles, six fumble recoveries and three sacks. Both he and Gray are already attending classes at UK.

Tennis Challenge

The Paul Miller Mazda Tennis Challenge at the University of Kentucky was much more than an exciting exhibition of tennis by renowned players **John McEnroe** and **Jim Courier**. Though the final tally is not in, the challenge is expected to add about \$100,000 to the fund raising efforts for the Boone Tennis Complex and Outdoor Stadium project. According to **Mickie King Hogue**, contributions reached \$500,000 before the exhibition.

Another benefit of the Challenge was the heightened awareness of tennis throughout the state. Hogue says the proposed UK tennis stadium will enable the university to host the high school state championships, regional junior championships and the Blue Grass State Games. Contributions (which can still be made to the UK Athletics Association, Memorial Coliseum, Lexington KY 40506) will have a lasting impact on tennis in the commonwealth.

Staying Together

It looks like there won't be any changes this year in the football coaching combination that led the Wildcats to a winning season, fourth place in the powerful, top-rated Southeastern Conference and to a post-season bowl for the first time in 17 years.

Head coach Bill Curry received a contract extension which takes him through the 1998 season. In announcing the extension, athletics director C.M. Newton said, "I am totally convinced that (Curry) is the right man to be our football coach." Newton cited Curry's commitment to the total welfare of the student-athlete, to discipline and conduct on and off the field and to academics (seven times in 10 years Kentucky has had the most academic all-SEC football players) as well as steady progress toward a championship team as factors in his decision.

Defensive coordinator **Mike Archer**, hired in 1993, had the opportunity to work for the Cincinnati Bengals in the National Football League in 1994, but luckily for UK he said "no." Archer installed a simplified, fly-to-the-ball defense that twice held opponents scoreless this season. A big factor in Archer's decision was commitment to family — his own that was unanimous in wanting to stay in Lexington and the UK football family.

Offensive coordinator **Daryl Dick**ey, also new to that position in 1993, showed some exciting new wrinkles to an offense that continued to show progress and better utilization of the talents of the players.

NCAA Tickets, Etc.

Tickets to the first- and second-round NCAA Tournament games to be played in Lexington's Rupp Arena March 17 and 19 are on sale by mail at the UK Athletics Ticket Office. Tickets are \$60, which includes one ticket for each of the three sessions. Please add \$2 for postage and handling per order and make checks payable to the UK Athletics Association. Mail checks to UK Basketball Ticket Office, Room 111, Memorial Coliseum, Lexington KY 40506...Rodney Dent continues to recover from his season-ending knee injury. Under current NCAA rules, Dent, a senior, is not eligible for a medical redshirt, however, UK officials plan to appeal to the NCAA to reevaluate Dent's situation when the season is over. You can send your best wishes to Dent in care of the UK Athletics Association, Memorial Coliseum, Lexington KY 40506...Lady Kat guard Stacey Reed was named SEC Player of the Week January 24. In three games that week, Reed scored 69 points. In a game with Mississippi State, she had a career high with 29 points and 11 rebounds... John Butler, an associate baseball coach since 1985, is now UK's compliance coordinator. He replaces Sandy Bell who was promoted to compliance

Skylight on the new Civil Engineering/Kentucky Transportation Building. The building was officially dedicated February 26, 1994. Only a new Mechanical Engineering Building included in the proposed 1994 biennial budget is missing from a complete facilities upgrade for the UK College of Engineering.

by Thomas W. Lester

NEERING

BUILDING TO WORLD CLASS

stack up with the best engineering programs nationally?

Kentucky Gov. Brereton
Jones was interviewed last October during halftime at a football game.

During the interview, he said, "we've got to develop a world-class engineering school here at UK." Later, a gubernatorial task force recommend-

he question is: How does UK

ed to Jones that he proceed with plans to make this goal a reality.

There are three attributes to a "world-class" college of engineering.

First, it pays continuous attention to curricular and instructional innovation in order for its graduates to have the needed skills and educational background to succeed in the widest possible variety of occupations and career opportunities. James L. Duderstadt, president of the University of Michigan and himself a noted engineer, has stated "in programs that work, faculty members pay continuous attention to what we teach, how we teach, and who we teach." While it was once acceptable for only half of the entering students in engineering to eventually graduate in engineering, we as a society no longer tolerate the waste of economic and human resources when technical challenges abound.

While it was once accepted that engineering was a profession of white males, today we must make the profession as inclusive of all qualified aspirants as possible. And, while it was once accepted that engineering graduates were schooled primarily in the mathematics and sciences, more is now expected. Graduates must understand the broader societal implications of their profession, including the ethical, economic and environmental consequences of their professional decisions. Increasingly, more attention is being paid to these topics, both individually, and as part of technical course work.

The challenge to the engineering education profession is to incorporate adequate coverage of these essential items in a curriculum that is already over-burdened with technical topics and maintain a curriculum that fits within approximately four academic years.

These new demands on engineering education are occurring at a time when there is upheaval in the engineering job market. Many large corporations are downsizing. Growth is in small companies and in areas where engineering graduates have not traditionally been in demand.

According to a recent issue of *U.S.* News and World Report, more than 40 percent of the on-campus interviews for MIT graduates last year were conducted by brokerage firms, pension and insurance companies, and banks. This demand for engineers is because

of the need for graduates with understanding of technical issues to evaluate emerging investment opportunities in a bewildering array of technologies and small high-tech companies.

It also is an indication that corporations, including the financial community, value the analytical skills of engineering graduates for many nontechnical positions. There is a growing movement to create synergistic programs between engineering colleges and business schools because of this demand.

Second, a "world-class" college of engineering provides long-term impact on state, regional, and national economies through its graduates, job creation associated with entrepreneurial activities and technology transfer. Several studies highlight the impact that two of the nation's premier engineering colleges have had on the economic vitality of their states, Massachusetts and Minnesota. Studies show that 636 companies in Massachusetts were founded by MIT graduates — in 1988 these companies had worldwide sales of \$39.7 billion and employed 192,000 people. A report of the University of Minnesota's economic impact on that state shows that 271 Minnesota companies, and more than 400 worldwide, were started by graduates of the Institute of Technology, which includes the col-







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lege of engineering and other applied science departments.

Third, a "world-class" college of engineering has a quality faculty that can affect the direction of technology development through research and intellectual activities. Frequently, university research is intellectually driven, and may have no immediate application in mind. Nonetheless, many technical innovations taken for granted can be traced back to university research.

There are many specific areas of engineering research that have yielded greater societal than commercial benefits. According to the National Science Foundation these areas include earthquake prediction and monitoring, aviation hazards, radar, biodegradable plastics, computer architecture, computer graphics, virtual reality technology, software development for efficient use of computing resources, masonry construction for earthquake mitigation, agricultural development and planning strategies, and stress-reduction interventions for people at risk for heart disease or stroke. The point is that a "world-class" college of engineering will have a faculty of sufficient size and quality that will enable it to make significant contributions in a wide range of technical sub-specialties.

While a "world-class" college of engineering will exhibit all of these attributes to differing degrees, the important point is that it will have all three attributes.

Where UK Stands

Just as it is impossible to accurately rank college football or basketball teams, so too is it impossible to accurately rank college academic programs. To a great extent, the reputations of all engineering programs depend on the number of graduates and the perceived eminence of the faculty. Thus, Purdue, with more than 70,000 engineering alumni and 275 faculty, enjoys

an advantage over a program like UK's, with 12,000 alumni and 100 faculty, in ratings, such as those reported annually by *U.S. News and World Report.*

In its most recent rankings, U.S. News did not rank UK in its top 50 engineering programs out of 245 nationally. However, U.S. News informed the college that it ranked just below this top group, and that its reputation scores among deans and engineering professionals are high. A ranking of graduate engineering programs by the National Science Foundation also show UK's solid reputation. In its ratings of 195 programs, NSF rates UK 55th.

This reputation has been built over the years by the many contributions that engineering faculty and alumni have made to the technological and economic progress of Kentucky and the nation. For instance, UK faculty and alumni were early and key participants in the development of air conditioning. UK alumni, like their counterparts from MIT and Minnesota, have



A team from UK's student chapter of the Society of Women Engineers (SWE) won first place in the Team-Tech competition in Chicago. From the left are Shanna Vowels of Louisville. Jennifer Kelly of Independence, Liesel Guyette of Lexington, Al Wittwer, the team's academic advisor, Margaret Honaker of Lexington and Allison Griffin of Louisville.



Fred Brandon '69 is a mechanical engineer at Lex-Mark. He went to work at IBM immediately after graduating from the University of Tennessee with a bachelor of science degree in mechanical engineering in 1965.

He moved to Lexington, joined IBM's work study program, and earned a master's degree from UK in 1969. He has also studied at Georgia Tech.

Brandon says that he was influenced by the quality of his fellow students at UK as well as by his professors.

He was particularly impressed with professor David J. Shippy in Engineering Mechanics because, "He is a teacher at heart. He puts in a lot of extra time and is always interested in his students as people — and O.W. Dillon spent a good deal of time with me." He also has maintained a relationship with professors Don Leigh and Theodore Tauchert.

President of UK's Engineering Alumni, Brandon says that association is rewarding and valuable to him because it provides interaction with UK and with the engineering faculty. He particularly enjoys getting to hear the dean's report on the college at alumni meetings.

When asked if he would recommend UK's College of Engineering to prospective students, he said, "I sure would — I do."

Both of Brandon's children are UK graduates — Robert received a degree in anthropology in 1990, and Laura received a degree in education in 1993.

Graduate student Tim
Smith and Dr. Paul
Clayton of the
Department of
Electrical
Engineering,
demonstrate a



been responsible for the development of hundreds of firms, from small engineering firms, to some of the largest international corporations.

UK engineering alumni are among recipients of professional awards, including the Waterman Award that is given annually by the National Science Foundation to the outstanding young scientist or engineer in the United States. Furthermore, engineering alumni have enjoyed substantial success as professionals in other fields, such as medicine, business and law.

UK faculty continue to excel professionally, and are highly respected nationally. Nearly 20 percent of the faculty hold the status of Fellow in one or more professional societies. Approximately 98 percent of our faculty hold the terminal degree, and almost all are actively involved in research as well as in instruction. All faculty in the college, including the dean, associate deans, and department chairs, teach undergraduates. Full-time regular faculty teach 93 percent of all classes in the college, which allows us to bring the fruits of intellectual inquiry into many of our upper division undergraduate classes as well as our graduate courses.

The national reputation of UK's engineering faculty is a double-edged sword, however, for they are highly prized by other engineering colleges.

Although national rankings are a gauge of UK's present stature, they do not adequately reflect the progress being made in the college. A focus this year is the implementation of a total quality or continuous improvement program, not only in our administrative and service functions, but throughout the academic programs. To learn about the continuous improvement process, a small group of engineering faculty and staff have been working with staff at Toyota's Georgetown facility to learn the rudiments of continuous improvement, or Kaizen. A related activity has been underway since last fall, when the college began a partnering agreement with Belcan Engineering of Cincinnati. Ralph Anderson '50, president and founder of Belcan, is a leader in implementing total quality principles in his corporation. Such agreements are in place with corporations by fewer than two dozen engineering colleges in the United States.

UK's College of Engineering, through its linkages with Belcan and Toyota, intends to become a national leader in the use of continuous improvement to make the most effective use of its resources. Attention is being given to career development activities where a special team has the responsibility and authority to improve the way we support students' professional progress, from their first day on campus, through their academic programs, and the start of engineering practice.

We are also making sure that faculty and graduate students are prepared and supported in instructional activities. For instance, all new faculty and graduate students participate in sessions assisting them in preparing course presentations and materials.

Student reviews each semester of every faculty member are part of annual performance reviews and the promotion and tenure process. A survey of alumni attitudes toward their engineering education is being prepared for broad distribution to alumni of the past decade. A number of college faculty have enthusiastically embraced new technology in the classroom. Examples include the use of computerdriven simulations of actual industrial chemical processes in chemical engineering lectures, and the use of computer-assisted dynamics demonstrations. And, we are looking forward to the creation of a new electronic multimedia classroom in Anderson Hall.

The integration of new facilities and improved infrastructure is having profound consequences for all engineering programs. Academic programs in agricultural engineering, mining engineering, civil engineering, and service programs in the Kentucky Transportation Center and the Center for Robotics and Manufacturing Systems and Engineering Professional Development have all occupied new facilities within the past four years. A new Advanced Science and Technology Commercialization Center (ASTeCC) is nearing completion in the engineering complex, and will house elements of research programs in chemical engineering, materials science and engineering, and mechanical engineering.

The final piece of the engineering complex is the mechanical engineering building, which will house the mechanical engineering programs and facilities for student services, five general purpose classrooms, a large instructional computing facility, and a student commons to replace "The Pit" that was demolished to make way for the new Civil Engineering/Transportation Research Building. Also, the state has invested more than \$2.5 million over the past six years in equipment and modernization for the college.

The college is making excellent progress toward the goal of a physical environment that is second to none in which to conduct instructional, research and service programs. Improvements in facilities are enabling faculty to prepare initiatives that were never before possible. Together with faculty in the College of Pharmacy, engineering faculty are developing instructional and research programs in bio-pharmaceutical engineering. The college has recently inaugurated a new master's degree program in manufacturing systems. By using interactive video technology, the college is extending its graduate course work to all parts of the state and beyond. It is waiting for approval of a new individualized master's degree program that will enable engineers to pursue an individually tailored program in their communities.

As a charter member of the



When Charles Scroggin '70, '72 was deciding where to go to college he visited three campuses — Cincinnati, Georgia Tech, and UK. He says that on his first visit to UK, he "talked with faculty and counselors and students and liked the overall atmosphere. I didn't feel the need to leave Kentucky."

Scroggin, who is now working with Quest Engineers, Inc., says two professors in particular had a "big impact on me while I was in school. Dr. Don Wood,

who is still on the faculty, and Dr. Foree, who is now president of Commonwealth Technology." He credits Foree for encouraging him to get a master's degree and for making a career in environmental engineering.

His first job after graduation was in Roanoke, Va., as a project engineer in environmental engineering with Hayes, Seay, Mattern & Mattern. He says "They were recruiting on campus and I got the job through the placement office."

Scroggin, who is past president of the College of Engineering Alumni, and is a member of the UK Alumni Association Board of Directors, says he finds it difficult to think of anything negative about his UK experience, "Except, maybe, that 8 a.m. class on Saturday morning."

National Technical University (NTU), UK has the ability to offer a wide variety of technical courses from engineering colleges throughout the United States. Last year, UK was one of the leaders nationally in its use of NTU in its professional development programs. Support from alumni and faculty are also allowing the college, in collaboration with the College of Business and Economics, to offer a dual degree program allowing a select group of undergraduates to study concurrently for an undergraduate degree in engineering and an MBA.

These enhancements are coming just in time to accommodate students who are increasingly prepared and distinguished. Last fall, 19 of the record 68 National Merit Scholars enrolling at UK chose engineering as their discipline. Students take an active role in serving the college through professional and honorary societies. As a result of alumni support through the annual phone-a-thon, students have been able to begin successful programs in areas as career planning and placement and tutoring. Several organizations at UK—the American Institute for Chemical

Engineers, American Society of Agricultural Engineers, Society of Mining Engineers, and the Society of Women Engineers — have won national awards in the past two years.

Three members of the Engineering Student Council were elected to the 12-member administrative council of the National Engineering Student Council. Finally, UK students are increasingly carrying the college banner into national competition. Most recently, five female students won the national Team-Tech championship, sponsored by the Boeing Corporation, for their work with a small Kentucky manufacturing firm on a new manufacturing approach that improved product quality and reduced worker injuries.

Entering its second century of service, UK's College of Engineering is, with vastly improved facilities and a distinguished faculty, working with its students, alumni and corporate and governmental partners to stimulate economic and technological development in Kentucky and beyond.

Thomas W. Lester is dean of the UK College of Engineering.

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- 2. ___other dental schools in the nation have facilities with electric hand piece technology and with capability for light polymerization hardening of biomaterials in each of its clinical operatories.
- 3. The UK College of Dentistry has graduated___10___24___40 African-American dentists, the most in the state.
- 4. The UK College of Dentistry supports nearly___25 percent ___40 percent ___50 percent of its annual budget with college-generated revenues from patient care, grants, contracts and gifts.
- 5. Alumni practice in __of Kentucky's 120 counties.
- 6. Sixty-five percent of the College's graduates stay in Kentucky to practice and ___ percent of those practice in rural Kentucky.
- 7. The College has __identifiable programs of public and professional service.
- 8. The College provides all academic-based care at clinics at Kosair Children's Hospital in ______ and at the University of Kentucky Hospital in _____.
- 9. The patient-care program through the college provided more than _____ million dollars of oral health services; over ___ million dollars of indigent care services.
- 10. UK has one of the nation's largest biopsy services. Conducted by the oral pathology faculty, last year processed more than ___biopsies.

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ANSWERS: (1) Eighth; (2) No; (3) 40; (4) 50; (5) 102; (6) 60; (7) 44; (8) Louisville, Lexington; (9) \$5.1, \$1.8;

Marian Moore Sims Loves UK

"It's more than a place I went to college. It's a place that deeply influenced my life and made me a contributor in my 6th-grade classroom and in my community.

We have an opportunity as individuals to give back a portion of what we have received from the University, and I am passionate about promoting and supporting the University of Kentucky Alumni Association."

Thank you for joining Marian and the 25,000 other UK Alumni Association members in working to preserve the legacy of excellence at the University of Kentucky.

You can further express your pride in UK by becoming a life member of the UK Alumni Association. Call (606) 257-8905 for information.



The facade of Patterson Hall has not changed much over the past 90 years

Patterson Hall, built in 1903, housed only women until last year when it became co-ed, and for a short time during World War II while soldiers stayed there.

PATTERSON

had been accepted to the University of Kentucky, awarded a scholarship and I was more than excited about my trek from Louisville to Lexington. But then it came — the white envelope embossed with University Housing in blue on the front. When I opened the envelope and saw that I would be spending my freshman year in Patterson Hall, you would have thought I was Macaulay Culkin. I grabbed my face and yelled, "Ahhh!" I couldn't believe it — I did not want to live in Patterson Hall.

Not having seen Patterson, I did know that it was the oldest dorm on campus and I wanted to live in a more modern building. I wrote the Housing Office to request a change to a room in Donovan Hall. My mother convinced me, after about a month of no response from the Housing Office, that I would not be able to change halls. So I resigned myself to having to live in Patterson and began making plans with my new roommate on decorating our soon-to-be-humble abode.

Then fate struck again — one week before school was to start, I received a letter from the Housing Office, stating that my change had been granted, I was moving into Donovan. I spent the next five years living blissfully in Donovan Hall. If I knew then that I would end up years later living in Patterson as the Hall Director, I would not have believed it. Living in fact in the same apartment as President Henry S. Barker and his wife, who was the Dean of Women during his presidency.

Patterson Hall or "Patt" as it is affectionately known, has withstood 10 university presidents and two World Wars. Patterson Hall was built between 1902 and 1904 as the first women's dormitory. During this time UK was known as the State Agricultural and Mechanical College of Kentucky. Patt is one of the oldest buildings on campus still standing, with only the Administration Building, Miller Hall and Barker Hall taking precedence. Patterson was named after the first president of the University, James K. Patterson. Rumor has it that President Patterson wanted to separate the women from the rest of the campus and this is the reason Patt is so far across Euclid Avenue.

Patt Hall is filled with rich tradition and numerous stories, some true and some not so true. The first couple to be married in Kentucky, John Maxwell and his bride, built their home in the very place where Patt Hall now stands.

One of the more interesting stories surrounding Patterson Hall is the story of the Ginkgo trees. Ginkgos are oriental shrubbery that have a gray bark and produce a foul-smelling, plum-shaped fruit. In China, ginkgo trees sit in front of the temple to ward off evil spirits. In the early part of the 19th century, Henry Clay was given six ginkgo trees as a gesture of goodwill by an unknown Oriental. Henry Clay gave away two of the trees and they found their home on each side of the front of Patterson Hall. The two ginkgos were called Mama and Papa Ginkgo because one was female and one was male. Ginkgos reproduce underground through their roots and every couple of years or so, several baby ginkgos would spring up throughout the yard in front of Patterson Hall. The ginkgo trees were popular at Patt, as the women and their dates used to lean on Papa Ginkgo to receive their goodnight kisses. It is not known what happened to the gingko trees as they



Erica McDonald,
director of Patterson
Hall, is a graduate
student majoring in
Health
Administration.
Besides being the
graduate school senator for the Student
Government

Association (SGA), she serves on the Cultural Diversity Festival Committee, the Student Health Advisory Committee, and on the student chapter of the American College of Health Care Executives (ACHE). Erica, who hopes to be a hospital administrator, plans to complete her degree by May 1995.

HALL 90 Years in the Making

By Erica E. McDonald



Students (above right) in the early 1900s furnished their rooms and used them much like today's students.

TV viewing area.

can no longer be found in front of Patterson Hall.

Patterson is also famous for having an original painting done by Frank McVey, UK's third president, proudly displayed in the lobby. You cannot visit Patterson without a tour of the catacombs. The catacombs are a maze-like portion of the basement at Patterson. Its dark, damp cavernous open spaces house nothing more than old furniture now. However, there are several rumors about weapons being stored there during both World Wars or that it was used to hide slaves as a part of the Underground Railroad. Whatever its purpose, the catacombs are the most preserved part of Patterson Hall.

Even though 90 years have passed, Patterson has beaten all the odds and survived. It now houses 125 women and men — from first-year students to those in upper classes. This is the first year that men have resided in the building except for a brief period during World War II, when Army soldiers were housed in Patterson. You can't help but feel nostalgic whenever you climb the stairs of Patt and hear every step creak. Or when you wake to the sounds of the water running through the old steam radiators every morn-

ing. Or sit in the lobby and remember that only 80 years earlier it was the cafeteria. We still have the buzzer board used to buzz Patt girls when they had a visitor or gentleman caller waiting for them in the lobby.

As celebrations were being last year for the Big Mac turning 25 and Mickey Mouse turning 65, it was only natural that we would celebrate Patterson Hall's 90th birthday with a party. On Dec. 4, 1993, the 90th Anniversary Gala was held in the Patterson Hall lobby. Patterson Hall came alive as residents, past and present, as well as the University and Lexington community came to celebrate the campus landmark. The lobby was transformed into a modern-day cotillion, with ballroom dancing and a string ensemble. The Lexington Trio put everyone into a partying mood.

The event brought back Patt alum Marie Colgan, who lived as a freshman in Patterson in 1927. Marie was a member of Delta Zeta, which was one of six sororities on campus at the time (UK now has more than 20 sororities). Marie was originally from Middlesboro and now lives in Lexington. She is a retired substitute teacher of the Fayette County Public Schools. Marie told of life for women at Patter-

Today's students enjoy decorating Patterson Hall's larger rooms with a variety of posters and pictures.





son as being very different than it is today. She said, "Girls had to be in by 10. I remember walking across the walkway to Boyd where the cafeteria was then." At the age of 85, Marie held the attention of several Patt residents for many hours. Marie was excited at the opportunity to be able to

attend the gala.

Pem Kremer, a faculty member in the Honors Program and English Department, never lived in Patterson but her mother and two aunts did. The irony that she now teaches in the classroom in Patterson where her mother and aunts once lived motivated her to attend the gala. Her mother, Elizabeth C. Kremer, now deceased, lived in Patt as a freshman. She studied restaurant management and had a scholarship named in her honor at the College of Human Environmental Sciences. Her sisters, Anna Jewell Cromwell and Lily Victor Cromwell also lived in Patterson as freshmen.

Pem Kremer says of her aunt Lily Victor, "Oh, she was considered the radical of the family. She turned cartwheels down the hallways of Patter-

son in her underwear and in those days (1920s) that was scandalous."

The gala provided not only the residents, but the campus and alumni alike the opportunity to reflect on the role of Patterson Hall in UK's history. Before there was Rupp Arena, Commonwealth Stadium or the M.L. King Library, there was Patterson Hall. Patt is indeed a very special place. For women over the years, and now men, Patterson Hall is more than just the majestic high ceilings, large rooms, marble fireplaces, noisy pipes and close proximity to classes. For me, Patt Hall is coming full circle and being exactly where I should be — home.

When Patterson Hall hosted a tea dance in past decades (top), the furniture was moved aside to turn this room into a ballroom.

Now students relax and study for exams in this large gathering area.

Equitors of Cawood Ledford last year; former Jefferson Circuit Judge Rebecca Wester-

yman T. Johnson stood before his alumni peers from the University of Kentucky oblivious to their race, sex or any other prominent feature.

As the longtime civil-rights activist prepared to receive the highest award from the Jefferson County Club of the UK Alumni Association, he had a revelation.

"Let me assure that it is most gratifying to me that being 87, almost blind, tied down with arthritis, on the

fringe of self-induced poverty . . . I can look out into the space and don't see you," Johnson said to about 1,200 UK alumni. "I don't know whether you are black or white, I don't know whether you are fat or thin. Old or young. Male or female.

"And I've just about conquered prejudices in my own life. If the ministers would just pardon me this one time, since I can't see who you are, I don't give a damn who you are."

Johnson, the first African-American to integrate UK in 1949, received the Jefferson County Club's 10th All-American Award. It's bestowed on a county resident who has brought credit to UK, to a chosen profession and to their community. Other winners have included radio personality

Cawood Ledford last year; former Jefferson Circuit Judge Rebecca Westerfield; the late Wendell Cherry, co-founder and president of Humana Inc.; longtime UK President Dr. Otis Singletary; and former UK football coach Jerry Claiborne.

Johnson, the first African-American to receive the honor, was presented the plaque during a luncheon at the Commonwealth Convention Center.

Johnson exemplifies the All-American Award because "he helped create the community we live in today," said Jack Guthrie '63, chairman and chief executive officer of Jack Guthrie & Associates, who introduced Johnson.

Guthrie said the activist's lifelong efforts have resulted in UK attracting 1,000 African-American students and hiring 50 African-American professors, the most in the school's history.

Johnson recalled how friends called him crazy when he told them he planned to integrate UK.

Johnson sued UK to gain admission of blacks to its graduate school in 1949. He said his difficulty in enrolling at the school motivated him to become a civil-rights leader.

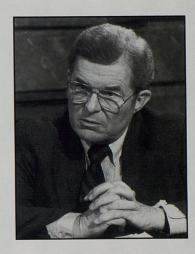
He said it took 30 years for his ill-feeling toward UK to subside — and only after officials admitted they made a mistake in trying to prevent his enrollment.

When UK awarded him an honorary doctorate of letters in 1979, they credited Johnson for making "us do what we knew we should have been doing all along," he said.

"The motivating factor in my life has been to try to help create a society in which there will be peace, love and joy for other people," Johnson said. "It is very satisfying for me to at long last receive some awards stating that appreciation."

Civil-rights activist
Lyman T. Johnson
received the UK
Alumni Club of
Jefferson County's
All-American award.
Johnson, the first
African-American to
attend UK, received
the honor at the
club's annual
luncheon.

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OUTOFIHIS

by Liz Howard-Demoran

A stronaut Story Musgrave '66 looks for the magical, emotional experience in each of his flights into space. On his most recent, and fifth, mission, Musgrave found those moments entwined with the work itself as he and fellow crew members sought to repair the ailing Hubble Space Telescope.

"Very often you have to look beyond what the work is because the work, the reason you are there, the flight plan, getting the job done is very often just throwing switches and entering numbers in a CRT. That's really very similar to the simulators down here, and that is not enough to have a real human experience. You have to look around at the sky or look at the Earth which may be above you (as shown on the cover) or close your eyes and free float around, or fall asleep floating. You have to do other kinds of things to really use the opportunity of space to have a great experience, but this time it was the work, a combination of the work and the experience. The Hubble is the HUBBLE!

"Working on the Hubble was an un-be-live-able experience. To see something that beautiful and that big. It's a huge thing, 42 feet long. It's a beautiful ship, an incredible spaceship, just a gorgeous thing. To go out and work on that...now that was an experience and to turn that work into a work of art, to be an artist and to be a craftsman with the quality of our work on that thing. As it turned out, I did not need to look for anything beyond the work. You're out there with a huge assortment of tools. That might not sound romantic, but it was like being the ultimate craftsman."

However, Musgrave did do plenty of looking around. "I have this alarm that goes off in my head and when it goes off that means 'Look around, look around and give some thought to what you are doing and what your environment is.' So I might have kept the wrench turning, but I did look around every few minutes. Where are you over the Earth? How far away? What is the scale? How far from the orbiter? Sunrise, sunsets, planets and reflections on the telescope, all those kinds of things I notice."

A veteran space traveler, Musgrave first became associated with the Hubble project in 1976 so it was satisfying for him to participate in this mission. As the lead person in the astronaut office doing space walks, Musgrave assisted in developing the basic requirements needed for a satellite to be serviced with EVA people later. Musgrave was also the lead communicator on the ground when the Hubble was deployed. Still it was a surprise when he got assigned to the "fix-it" mission.

When Hubble didn't work, Musgrave says he felt sick. "It was absolutely terrible. The Hubble was dear to me for the same reason it is dear to everybody. You're not just talking science here. The Hubble is close to the reasons why we are in space and that is to expand our horizons, to bridge between cosmology and philosophy, to discover what it means to be human, to discover our place in the universe. Those very fundamental things and that's one of the main reasons why elementary kids who aren't concerned about spin-offs, about politics, about national competition, or budget matters, those things that tend to use space rather than honor it for its own sake, they know

Story Musgrave '66 summarized his latest mission in space as the marvelous experience of the ultimate craftsman. Here Musgrave is on his final space walk to inspect the Hubble Telescope. A fish-eye lens was used to capture this photo of Musgrave, the telescope and the continent of Australia. ALL PHOTOS **COURTESY OF NASA**



what the heart of the matter is. The reason they're so excited about Hubble is because it is working in those realms. It's looking out there to find meaning down here. So Hubble touched me like it does a lot of people and to have an error of that kind?

"I don't mind mistakes. You make mistakes and you have failures here and there, but it's how you make them. Did you fail because you were just too lazy to attack details, or you didn't put enough into it or you didn't plan well enough? When you have a failure you have to look at how you failed, and likewise with successes. If I succeed by pure luck, I don't feel that good. You have to look at how you got there and that kind of failure was absolutely terrible. The way it was committed was simply terrible. It wasn't just that it was so high tech. You can get some really high tech, state-of-the-art things

committed was simply terrible. It wasn't just that it was so high tech. You can get some really high tech, state-of-the-art things in which you can miss something because you're just right on the edge. That is not how this failure occurred. I think down at bottom NASA felt terrible, too. They wanted this thing fixed. I think that's another reason the emphasis was put on this mission. It was not just a demonstration of what you can do space walking. It was not just to recover a really big science instrument, but also to correct that aberration that should not have occurred in the first place. It helped immensely that it was designed for this type of thing."

This particular mission caused Musgrave some concern. "I was scared. I was really scared about some surprises popping up that hadn't been accounted for even though people were doing the absolute best they could to

attack the details and not get surprised. I was still afraid of surprises and major re-plans. I thought our abilities to work out there would have been much more severely challenged than we were. We were prepared."

Musgrave and his partner Jeffrey Hoffman were prepared for three different EVAs and their crew mates, for two. Musgrave and Hoffman replaced four old gyroscopes the first time out, then installed a new wide field/planetary camera the next outing, and finally replaced electronic components in the solar panels. The other EVA team, Kathryn Thornton and Tom Akers,



Musgrave prepares for his final spacewalk (above).

replaced the solar panels and installed a "contact lens" designed to sharpen images from the Hubble's flawed primary mirror during their two space walks.

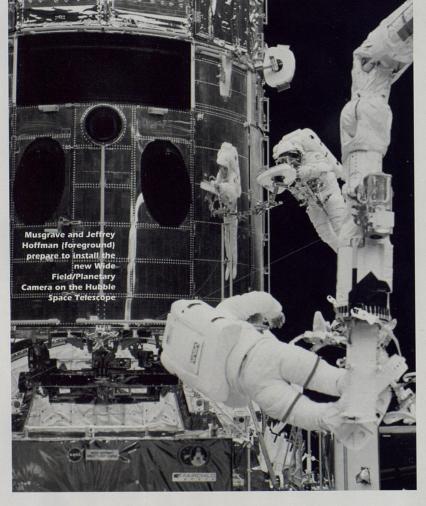
About the only unplanned event occurred during the first space walk. A pair of doors on the Hubble that enclosed the instrument area wouldn't close. While the ground support team was prepared to leave them

open, Musgrave was not. Musgrave had been working in a different part of the spaceship when Hoffman discovered that the doors wouldn't close. When Musgrave went over to take a look, he thought he had a good feel for what needed doing. "We needed to bring nice, slow symmetrical force to bring the doors in alignment. Then he (and Hoffman) would work the top striker plates and I'd work the bottom two." Trouble was the tool Musgrave planned to use exerts 1,200 pounds of pressure, much more than required for this task, which apparently made folks on the ground nervous. There was some discussion. People later told Musgrave he was getting tough, but he says "I'm never tough. I was just persuading, but I guess people know when they are getting a sermon it's gonna keep coming. They know me for that."

This also turned out to be one of those important tone-setting moments. It strengthened confidence in the ability of the crew on the scene. It demonstrated that the astronauts on the scene have the tools and the eyes on the work and the presence to do the right thing. It made the point that being on the scene is an important element in addition to the engineering and research on the ground.

Musgrave called the Hubble people the morning he returned to Earth and every day thereafter for awhile to find out about the results of the crew's craftsmanship. The news was good. The results had been immediate, including the images, engineering data and how the systems were working. Musgrave knew it was all well before NASA released "before and after" pictures of the M100 galaxy.

With the success of his fifth mission behind him, Musgrave is looking forward to his next trip. He should know in late December what that will be. There's another trip on his mind as well. "I'd love to go back to the Hubble in '97 for the re-visit mission scheduled then. I'd love to do that!"



Liz Howard Demoran '68,'74 is assistant director of alumni affairs and editor of alumni publications.

Before 1950

Stephanie Farrar '41 works in the "Look Good, Feel Better" program at St. Barnabas Medical Center in Livingston, N.J., which focuses on female cancer patients who are undergoing treatment. She works with the women individually, showing them how to wear makeup to help remedy the side effects of their treatment.

J. David Francis '47, former Warren Circuit Court Judge of Bowling Green, has been reappointed chair of the victims of crime committee of the National Conference of State Trial Judges. He also has been appointed to the Council for the Future of the National Judicial College.

Polly Walker '48 owns and operates Ro-Aire, Home of Therapy Dogs, in Louisville.

Harry A. Smith '49 has been presented the Warren Weaver Service Award from the Christian Pharmacists Fellowship International. CPFI is a Christian organization of pharmacists with approximately 1,000 members in 22 countries.

1950s

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Robert Bryan '51, '56 was made interim president at the University of South Florida last June. He was the University of Florida's interim president in 1989-90, and served as interim president at the University of Central Florida in 1991 and 1992.

Eula West '52 has been inducted into the Athletic Hall of Fame by San Francisco State University Athletics Department. She was a professor of physical education at the university for 31 years. From 1985 to 1992, West was the dean of the School of Health, Physical Education, Recreation and Leisure Studies.

Ted Bates '52, owner of Bates Farm near Lexington, a thoroughbred boarding and breeding operation, was named Farm Manager of the Year by the Kentucky Thoroughbred Farm Manager's Club. Bates is active in the UK Alumni Association, of which he was president in 1978. He was a UK trustee from 1987-91, and was a member of the Gluck Equine Research Foundation, a past president of the Kentucky Farm Managers Club and of the Thoroughbred Club of America. He is active in the Fellowship of Christian Athletes, serving on the state board of advisors.

Gene Miles '53 recently retired with 31 years of government service, the last 28 of which were spent with the Naval Ordnance Station in Louisville. He designed and developed Navy gun barrels from 76 mm through 16 inch sizes. He is a member of the UK Alumni Association.

E. Dean Anderson '54 has been added to the Greenville area advisory board of the United Carolina Bank of South Carolina. He is chair and CEO of Leslie Advertising Agency, a position he has held since 1969. Anderson is founder of the Greenville Pro-AM classic, a benefit golf tournament for Meals on Wheels, and is vice chair of Goodwill Industries of Greenville.

James H. Love '54 has retired from the Redstone Technical Test Center, Redstone Arsenal, Ala., after 39 years of working on U.S. Army missile programs. He lives in Huntsville.

Martha Watson '58, '62 has received the 1993 Kentucky Section Award for Distinguished College or University Teaching of Mathematics. Watson, who is a professor of mathematics at Georgetown College, was recognized for her love and respect for students while holding them to the highest academic standards.

Dorothy L. Trosper '59 turned 90-years old last Nov. 11. She began teaching in 1922 in a two-room school in Woodford County, "retired" in 1938 to rear her family, earned a degree in education in 1959 and taught in Fayette County schools until she retired at 70. She then worked as a substitute teacher for another 15 years. She says she keeps in touch with many of her former students, many of whom are in their 80s and 90s. Trosper attends school board meetings, enjoys yard work, church activities and reports that she still drives a car.

1960s



Robert V. Guthrie '60, a psychology professor at Southern Illinois University at Carbondale, is a recipient of the American Psychological Association

Lifetime Career Achievement Award for 1994. The association's Division 45 started the achievement awards about five years ago to increase knowledge and understanding of minority psychology and to emphasize the importance of diversity to society.

James S. Judy '61 has been awarded the Service to Mankind Award by the Kentucky Health Care Access Foundation, Inc. Judy is president of the Kentucky Association of Health Care Facilities, the trade association which represents 284 nursing homes in the state. He has also served as a member of Gov. Brereton Jones Task Force on Health Care Access and Affordability.

Don Galloway '61, who played Sergeant Ed Brown, Ironside's assistant on TV from 1967-75, is becoming a police officer in real life. He's a reserve sheriff's deputy in San Bernardino County, Calif. The retired actor has completed 168 hours of training to

become a reserve deputy and must put in 200 hours of patrol work before he is promoted to full-time deputy.

James F. McDonald '62, '64 is president and CEO of Scientific-Atlanta's board of directors. He will serve two years. McDonald is a general partner specializing in high technology companies with Whitney & Co. of New York. He and his family have moved to Georgia from Illinois.

Bobbie Ann Mason '62 has recently completed a 21-city book tour to promote "Feather Crowns," a book whose story is set in 1900. Mason says, "I think that the present culture is so fractured that any number of writers are turning to the past to try to get a perspective on where we've come from."

David L. Blakeman '62 is an associate professor in the Department of Communication Arts at Valdosta State University. He served as president of the Greater Oklahoma City UK Alumni Club before moving to Georgia in 1987.

Jack W. Simpson '63, '66 is group president of Scientific-Atlanta's Network Systems businesses and a senior vice president of the corporation. He has more than 30 years of experience in the information and communications industries.

Clif Holliday '63, '68 has announced his retirement after nearly 31 years with GTE. He served as assistant vice president of operations and technology development in the GTE Telephone Operations World Headquarters located in Irving, Texas. A professional engineer, registered in Kentucky and Texas, he plans a limited consulting activity.

R.J. Doyle '63, professor and associate dean for research and postdoctoral programs in the School of Medicine and Dentistry at the University of Louisville, is the 1993 Alumnus of the Year at Holmes Community College in Goodman, Miss.

Ann Stuart '63 is the seventh president of the Hartford Graduate Center, a nonprofit center for adult education and professional development in Hartford, Conn. Prior to this she was provost and vice president of academic affairs for Alma College in Alma, Mich., a private liberal-arts school.

Wayne P. Jones '64 has successfully defended his dissertation at Marquette University. He is a partner in the Louisville office of TASA International, a world-wide executive search consultancy. He is also on the adjunct business faculty of Indiana University-Southeast.

Jane Bayliss Olson '64 was named



the 1992 top real estate producer for Manatee County by the Manatee County Board of Realtors in Bradenton, Fla. She is a realtor/associate with R.S.

Olson Real Estate, Inc./Better Homes and Gardens.

David S. Jordan '64, '73 has been named managing partner of Coopers & Lybrand's Kentucky, Indiana and Ohio regional practice. He will continue in his role as managing partner of the Kentucky offices.

Virginia Sue Graves Spalding '65 is a nurse at the University of Cincinnati Hospital. She has worked 13 years at UC in management, as a clinical nurse II, and the last four years in Nursing Staff Development and Education. She is founder of the Consortium for Advancement of Perinatel Practice (CAPP), which is a free regional tristate continuing education program for nurses from member hospitals. She lives in Burlington.

Anna Laura Page '65, '67 has recently been appointed handbell editor and

keyboard consultant with Alfred Publishing Co. Inc., in Los Angeles. She will continue to write and publish her own compositions in addition to editing the music of other writers throughout the United States. The director of the AP Children's Chorus of the AP Community Music School, she has been a free-lance composer, clinician and performer for years. She and her husband, **Oscar Page '63, '67**, live in Clarksville, Tenn., where he is president of Austin Peay State University.

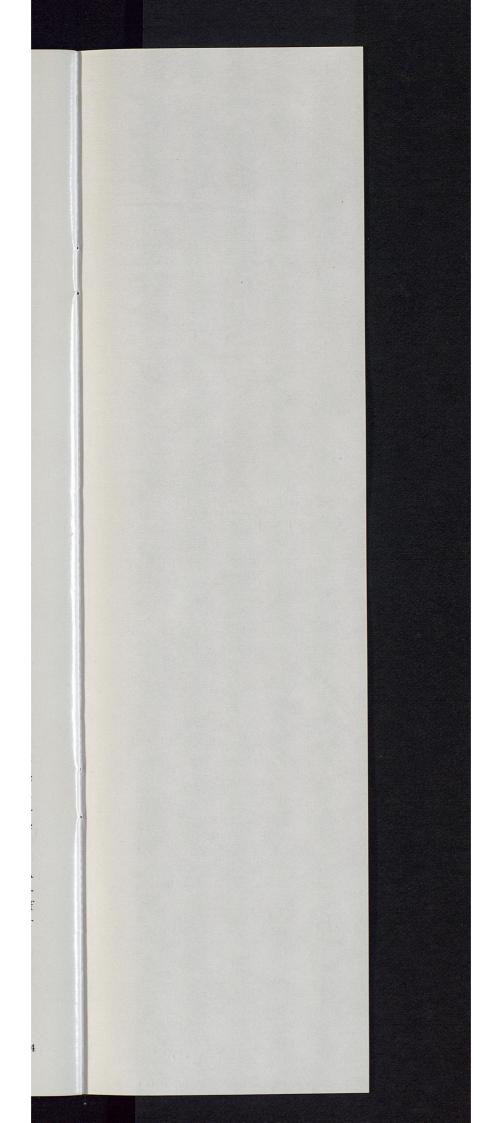
John Calhoun Wells '66 is head of the Federal Mediation and Conciliation Service. Wells, a former special assistant to U.S. Sen. Wendell Ford, was Kentucky's first secretary of labor. The mediation and conciliation service is involved in settling labor disputes. He lives in Reston, Va.

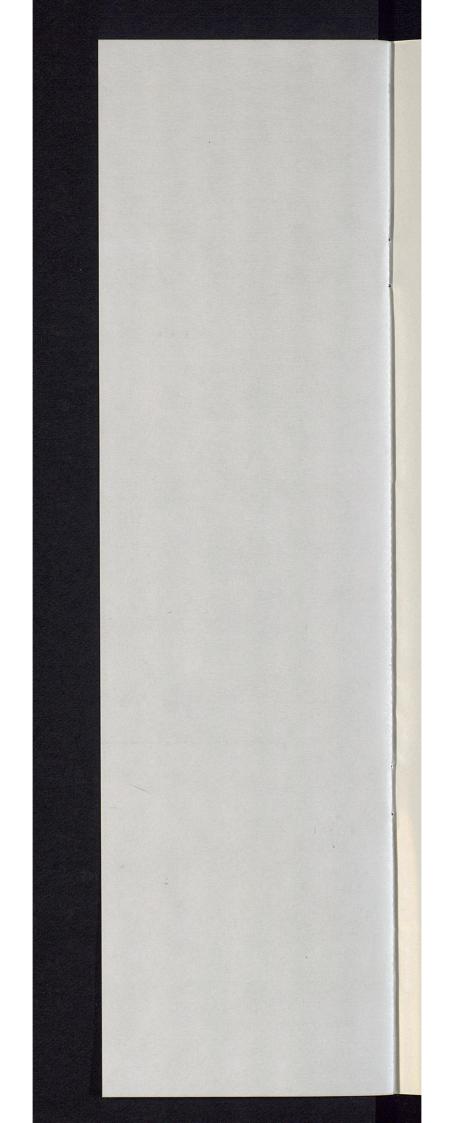
Dudley P. Sheffler '66, president of Reliance Comm/Tec since 1981, and vice president of Reliance Electric Company, has been elected to the Reliance Electric Company board of directors. The company's headquarters are in Cleveland, Ohio.

Joseph Famularo '67 is the new U.S. attorney for the Eastern District of Kentucky. He was previously Lexington Public Safety Commissioner.

Walter M. Grant '67 is senior vice president and general counsel for The Actava Group. He had been senior vice president and general counsel for the North American operations of Smith & Nephew plc., an international health care company headquartered in London. He lives in Atlanta with his wife and three children.

William D. Probus '67, '75, a CPA with Eskew & Gresham, is secretary-treasurer for the Kentucky Chapter of the American Society of Appraisers for 1993-94.





Wyman D. Robb '68 is refinery manager at Mobil's Joliet, Ill., refinery. He was general manager of planning for Mobil's U.S. Marketing and Refining Division at the company's Fairfax, Va., headquarters.

Nancy A. Dickenson-Hazard '68 was inducted as a Fellow in the American Academy of Nursing at the October meeting in St. Louis. She has served as executive director of the National Certification Board of Pediatric Nurse Practitioners and Nurses since 1981. She lives in Rockville, Md.

Kenneth S. Hays '68 is president of the Kentucky Chapter of the American Society of Appraisers.

Barry W. Reister '69, a psychologist, is director of counseling and psychological services at Illinois State University, where he is also a full professor.

Patricia W. Bentley '69 has been promoted to full librarian at the State University of New York-Plattsburgh. She has served the college and Feinberg Library in a variety of positions since 1977.

Marva M. Gay '69, '70 has become an associate with the law firm of Goldberg & Simpson, P.S.C., in Louisville. She was vice president of legal affairs of The Kentucky Hospital Association.

Scott Roeth '69, '70 has accepted a position as vice president of U.S. sales and marketing for the Digital Equipment Corporation. Before joining Digital, Roeth spent 21 years at IBM. He is a UK Fellow.

Glenda Sohl '69 has been awarded a master of human services administration degree from Antioch New England Graduate School in Keene, N.H. She lives in Northford, Conn.

Betty Moore Sandler '69, a partner in the law firm of Nichols, Bergere & Zauzig, P.C. of Lake Ridge. Va., has been elected to fellowship in the American Academy of Matrimonial Lawyers. Sandler limits her practice to family law and bankruptcy.

1970s

Steven H. Tinsworth '70 has been elected president of the Florida Association of Orthodontists. He has been in private practice in Bradenton for 19 years.

Tom Lovins '71, and his wife Julia, live in Ona, W.Va. He works with the office of recreational sports and fitness activities at Marshall University in Huntington. They have two daughters.

Marty Frost '71, '73, '77, associate professor of child and family services at the State University of New York-Plattsburgh, is District Councilor of Phi Upsilon Omicron, national honor society of home economics and related areas. She was named Home Economics Teacher of the Year for the Northeast Region of New York in 1992.

J. Michael Mansfield '71 is pastor of the Wesley United Methodist Church in Ludlow. He reports that all five of his children are UK graduates. They are James '87, Patricia Wheeler '69, Cathy Martin '71, '74, Kent '78 and Lisa Watkins '79.

Claudia S. Vester-Hawthorne '71 retired last May as a major in the U.S. Army. She and her husband live in Annville, Pa., where they maintain a small orchard and wine-making vine-yard, and he continues to hone her musical and foreign language skills.

Michael Troop '72 has been named U.S. Attorney for the Western Division of Kentucky by President Bill Clinton. Troop served as commissioner of the Kentucky State Police and secretary of the Justice Cabinet from May 1988 to June 1991.

W. David Hager '72, a Lexington physician and part-time professor of obstetrics and gynecology at UK, has received the Kentucky Medical Association's Educational Achievement Award.

James E. Parido '72 is manager of operations/production for Taft Broadcasting, the television support services contractor for NASA at the Lyndon B. Johnson Space Center in Houston. Prior to joining Taft in 1991, he was technical operations supervisor for Fox Broadcasting in Hollywood, Calif. He and his family live in Friendswood, Texas.

Tejinder S. Kochhar '72 was presented the 1993 Distinguished Professor Award by Kentucky State University last August. A professor in the Division of Mathematics and Sciences, Kochhar has been with the university since 1974.

Linda Mitchell Salyer '73 completed a Ph.D. in educational psychology and is now chair of Nursing and Allied Health Sciences at Morehead State University. Still in the Navy Reserves, she is the mother of two children.

Samuel S. Johnson '73 was awarded



the membership award from the Central Appalachian Section of the Society for Mining, Metallurgy, and Exploration, Inc., for service to the

organization. The award also recognized Johnson's work in mining engineering and his efforts on behalf of the UK Mining Engineering Foundation, of which he is vice chair. He is founder and owner of Johnson Management Company in Lexington.

Catherine Drnevich Boylan '73 works for the Visiting Nurse Service, Inc. She and her family live in Commack, N.Y.

Hobie Etta Thomas '73 has been in Hawaii since 1988 where she is a family nurse practitioner at Kaiser Kailua Clinic. She lives in Kaneohe.

Robert T. Goetz '73 is president and CEO of Burdorf-Kessler, a commercial interiors dealership in Louisville.

Gwen Cranfill Curry '73 has been named the 1993 Kentucky Professor of the Year by the Council for Advancement and Support of Education. Chair of the English department at Georgetown College, she was recognized for her creativity in presenting material, her influence on students, her love of literature and ability to captivate others with its charm.

Kristine Forney '74, '78, a professor of music at California State University-Long Beach, was named a Most Valuable Professor in the College of the Arts for 1992-93. A resident of Newbury Park, she has been a faculty member at CSULB since 1978.

Terre (Schultz) Ament '74 works in the nursery and level II special care nursery at Humana Hospital. She lives in Lexington.

Gary S. Cox '74, '75, executive director of the Council on Higher Education, has been appointed by Gov. Brereton Iones to serve on the Southern Regional Education Board - the nation's first interstate compact for the advancement of education.

Kaye H. Horsfall '74 has joined the staff at Belmont University in Nashville, Tenn. She is an instructor of quality courses for The Center for Quality and Professional Development. Before coming to Belmont, Horsfall was director of the Quality Improvement Efforts at Centennial Medical Center in Nashville.

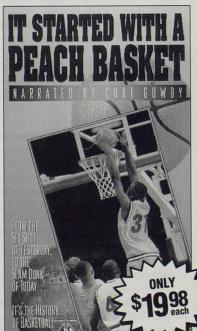
Ernest Wayne Pressley '75, a longtime faculty member and Department of Music chair at Mars Hill College has been honored by Eastern Kentucky University's Department of Music as its Alumnus of the Year. He has performed on trumpet with the North Carolina Symphony and was principal trumpet with the Asheville Symphony Orchestra.

Douglas K. Mynear '75, '77 is a vice president at Booker Associates, Inc., in St. Louis, Mo. He is a registered professional engineer in Kentucky, Alabama and West Virginia.

James D. Emerson '75 has joined Carter & Burgess, Inc., in Fort Worth, Texas, as a project manager. He is a registered professional engineer in more than 30 states.

Mark Wiedemann '76, '91 is completing a residency in family practice at the Cooperative Hospitals of Saginaw, Michigan.

James Swan '76 is a chemistry professor at Bucknell University in Lewisburg, Pa. He has been at Bucknell since 1986.



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Harold L. Miller '76, '78 has been elected banking officer for Wachovia Bank of North Carolina in Cary.

Elizabeth Moran Fitzgerald '77 teaches at the University of Louisville as a part-time lecturer in the School of Nursing and the School of Education. She is certified as a clinical nurse specialist in child and adolescent psychiatric mental health nursing. She is employed by R.E.A.C.H. of Louisville.

H. Jones Carrow III '77, a lieutenant colonel in the Army Nurse Corp, is chief nurse of the Acute Minor Illness Clinic at Fort Myer, Va. He lives in Arlington.

Langston D. Smith '77, a Navy commander, has been awarded the Navy Commendation Medal. Smith was cited for meritorious service while serving as head of the Endodontics Department and as training officer at the Naval Dental Clinic at Pearl Harbor, Hawaii, where he is assigned.

Bruce A. Mattingly '77, '79, Morehead State University professor of psychology, has been honored by the Kentucky Academy of Science as the recipient of its 1993 Outstanding College/University Teacher Award.

Ruth McGlasson Casey '77 has won a Presidential Award for Excellence in Science and Mathematics Teaching. She is a math teacher at Franklin County High School in Frankfort.

Curt Selby '78 has been promoted to director of marketing for Valvoline Instant Oil Change, Inc., the quick lube subsidiary of Valvoline, Inc.

Debi Steele '78, '81 is a 1993 Fayette County Teacher of the Year. She is a primary teacher at Linlee Elementary in Lexington.

Douglas Carpenter '79 is vice president of finance at Farmers Capital Bank Corporation in Frankfort.

Jane Fiery '79 is a staff nurse in CCU at the New Hanover Regional Medical Center in North Carolina. She also is the area coordinator for the National Registry of Myocardial Infarction.

Fred D. Faulkner '79 is executive vice president of commercial real estate services for HFH, Inc., a Louisville-based residential and commercial real estate development company.

1980s

Wilk O. West '80, a Navy lieutenant commander, is stationed aboard the USS Theodore Roosevelt, an aircraft carrier. West's squadron flies the F-14A Tomcat fighter which can attack and destroy multiple airborne targets.

Venita L. Dobson '80, '91 is first vice president of the Kentucky Chapter of the American Society of Appraisers. She works for Eskew & Gresham.

Thomas R. Taylor '81, a Navy lieutenant commander, recently graduated from the Naval War College with a master of arts degree in national security and strategic studies.

Lawrence Ray Carmichael '81 has



been elected as Commonwealth's Attorney for the 28th Judicial Circuit. He previously served as an assistant U.S. Attorney for the Eastern Dis-

trict of Kentucky.

Jerry C. Towning '82, a Navy petty officer 2nd class, recently received the Navy Achievement Medal. He was cited for superior performance of duty while serving at Naval Air Station, Agana, Guam, during emergency recovery repairs following typhoon Omar.



Capt. William Shelby Kinkead '59, left, receiving the Superior Airmanship Award from ALPA president Capt. J. Randolph Babbitt.

TWA Pilot Saves The Day

Capt. William Shelby Kinkead, a TWA pilot, has been awarded the Superior Airmanship Award by the Air Line Pilots Association. He was praised for his skill in a crisis on takeoff, and for his efforts in the safe evacuation of his passengers. On July 30, 1992, on a flight scheduled from John F. Kennedy International Airport in New York to San Francisco, it became necessary immediately after takeoff to initiate an emergency landing. During the deceleration, a fire broke out under the aircraft. With approximately 1,500 feet of runway remaining, and still at the speed of about 85 knots, Kinkead purposely steered the aircraft off the left side of the runway because of a fire warning in the No. 2 engine and in order to avoid a steel blast fence located only 100 feet beyond the end of the runway. Even though five of the eight emergency exits were blocked by fire, all 292 passengers and crew members safely evacuated the aircraft in two minutes. The aircraft was totally destroyed by fire within minutes. Marsha Starr '82 is on the board of directors for the California Coalition of Nurse Practitioners. She lives in Sumner, Wash., where she is self employed as a PNP and lactation consultant.

Ben Oldham '82 is dean of graduate education at Georgetown College after a career that spans nearly three decades with the Fayette County Schools.

Jackie Mills '82, '85 has joined Southern Living magazine as assistant foods editor. A registered dietitian, Mills coordinates "Living Light," a new foods feature section in the magazine.

Linda H. Flock '83 is director of quality management/risk management and professional staff services for Kaiser Permanente Los Angeles Medical Center. She lives in Glendale, Calif.

Annbruce Madden '83 has been named a 1993 Fayette County Teacher of the Year. She teaches science at Leestown Middle School in Lexington.

Mike J. Mayerchak '84 is a dentist with the U.S. Air Force. A captain, he has finished a tour of duty at Osan Air Force Base in South Korea and is now stationed at MacDill Air Force Base in Tampa, Fla.

Todd Elliot Sikkenga '84, an architect, has joined the firm of Carriage Homes, Inc., in Atlanta as project manager/designer.

Ginny Crockett-Maillet '84 is a public health nurse in Kiowa, Colo., where she relocated to enjoy the outdoors, mountains, skiing and hiking. She lives in Castle Rock.

Diana M. Nichols '84 is a coordinator of staff education, and coordinator of the outpatient diabetes education program at Roxborough Memorial Hospital. She is working on a MSN in Gerontology at the University of Pennsylvania. She lives in Norristown.

Martha H. Hyatt '84, '86, of Louisville, has been named assistant vice president at PNC Mortgage Company, a division of PNC Bank, Kentucky, Inc. Hyatt is new to PNC Bank, having previously served as assistant vice president of human resources with the Bank of Louisville.

Perry Ryan '84, '85, '88 uses an Ensoniq synthesizer, a computerized musical instrument that can recreate sounds almost perfectly, to record selections that are played hourly from UK's Memorial Hall bell tower. The tower's metal chimes were removed in the 1970s, after the system broke down, and were replaced with a cassette tape player and amplified speakers.

Steven J. Bloemer '85 has joined Society National Bank in Cincinnati as an assistant vice president in the structured finance department. He began his banking career at Bank One.

Wendell "Jeff" Walter '85 is editor of the Kentucky Restaurant Journal, the official newspaper of the Kentucky Restaurant Association. He is owner of Vital Communications in Lexington, a copywriting business specializing in corporate communications including advertising, brochures, newsletters and publicity.

Steven Moore '85 is a 1993 Fayette County Teacher of the Year. He is the band teacher at Lafayette High School.

Andrew Oppmann '85 is metropolitan editor of *The Houston Post*. He has been with *The Post* since 1991.

Carrollton (Bud) Darland Jr. '86 is director of the Louisville Campus of the Kentucky College of Business. Prior to this position he worked for the Melville Corporation in Indiana and Louisville.

Robert D. Phillips '87, a Navy lieutenant j.g., is stationed aboard the submarine USS Jacksonville, homeported in Norfolk, Va.

Karen Roth Tasman '87 is a student nurse anesthetist at the Cleveland Clinic. She is enrolled in the MSN program at Case Western Reserve University in nurse anesthesia. She lives in Shaker Heights, Ohio.

Andrew M. Varga '87 has been promoted by Brown-Forman Beverage Company's Wine Brands group to sales coordination manager. He is based in Louisville.

Victor Dunston '88 serves on two music faculties as instructor of low brass: Georgia College in Milledgeville, and Mercer University in Macon. He also performs regularly as tubist with the Colony IV Brass Quintet.

Paula A. Cather '88 is completing a master's degree in community health nursing at the University of Washington, and working part-time at Interim Health Care near Des Moines, Wash.

George D. Bowling '88, a Navy lieutenant, is on duty at the Naval station at Agana, Guam.

Greg K. Baker '88 was recently named assistant vice president at PNC Bank, Kentucky, Inc. He has been with PNC Bank for four and a half years, progressing from assistant manager to his present designation as assistant vice president.

Jimmie A. O'Neal '88 has recently returned from a six-month deployment to the Western Pacific, Indian Ocean and Persian Gulf with Strike Fighter Squadron 22 from the Naval Air Station, Lemoore, Calif. He was aboard the carrier USS Abraham Lincoln.

Kimberly Walker Flurry '89 is a medical physicist at the Sacred Heart Cancer Center in Pensacola, Fla.

Rob Heberly '89 is a captain in the U.S. Army Nurse Corps. While stationed at Ireland Army Hospital in Ft. Knox, he was deployed to Somolia. He is preparing for graduate studies.

Darrel W. Levitch '89, a Navy seaman, has graduated from the Basic Electronics Technician School at the Naval Training Center in Orlando, Fla.

1990s

Martha Desposito '90 is showing her art in Cleveland, Ohio, at the East-/West Alternative Gallery at Shaker Square. Although she considers herself a painter, she uses fabric extensively in her work. She was featured in *Fiberarts Design Book Four*, published in English and Japanese, in 1991.

Patricia Y. Ryan '90, a nurse, is working for Jessamine County Hospice Inc., and Good Samaritan Hospital in Lexington, and has had an article printed in *The American Journal of Hospice and Palliative Care.*

Pamela Mueller '90 is working toward a master's degree in community counseling at Eastern Kentucky University. She is an independent living skills instructor for the Presbyterian Child Welfare Agency in Lexington.

G. Waldon Garriss III '90 recently graduated from the University of North Carolina School of Medicine. He is in a residency program in internal medicine and pediatrics at Vanderbilt University in Nashville, Tenn.

Stephen I. Beam '90, a Marine corporal, recently received a Meritorious Mast and was cited for outstanding service while assigned with the 2nd Tank Battalion, 2nd Marine Division at Camp Lejeune, N.C.

Christel Schrader Nash '91 has joined the law firm of Gess, Mattingly & Atchison. Nash, who served as a law clerk for Fayette Circuit Judge James E. Keller in 1991 and was an associate with Wyatt, Tarrant & Combs in 1992, joins the firm's family law department. She also serves as a mediator for the Mediation Center of Kentucky.

J. Kyle '91 has been selected to join a team of researchers at the Pittsburgh Supercomputer Center seeking to advance the state of scientific computing on Cray Research supercomputer systems. He is employed by Cray Research as a senior computational scientist.

Donna Fife '91 has been named development director of the Kentucky Tennis Academy in Lexington. She received an M.P.A. from Eastern Kentucky University last May. She is a member of the Lexington JAYCEES board of directors.

Rebecca L. Grier '92, a Navy ensign, recently completed the Officer Indoctrination School at Newport, R.I.

Michael Dresher '92 is an intern at McNeely, Pigott & Fox, a Nashville public relations firm.

Victoria B. Martin '92 is a page editor for the Lexington office of the *Daily Racing Form*.

Joseph K. Diamond '93, a Navy petty officer 1st class, has reported for duty with Training Squadron 28 at the Naval Air Station, Corpus Christi, Texas.

Timothy B. Tinker '93, a Navy lieutenant, and a dentist, has recently completed the Officer Indoctrination School at Newport, R.I.

Tobey A. Tolbert '93, a Navy ensign, and an attorney, has recently completed the Officer Indoctrination School at Newport, R.I.

Former Students

Robert L. Ladd is second vice president of the Kentucky Chapter of the American Society of Appraisers.

Jere Kennedy is a director of the Kentucky Chapter of the American Society of Appraisers.

Associates

William J. Black is a staff physician at the Department of Energy's Oak Ridge National Laboratory. He recently completed the requirements for certification in occupational medicine. Black has been practicing occupational medicine for three years. He completed his residency in the field at UK in 1989.

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

Martha McClure Storey '22 of Lexington, September 21, 1993.

Fannie Summers Tarlton '23 of Charlotte, N.C., October 27, 1993.

Irene O'dell '29 of Reynolds Station, June 25, 1993.

Benjamin F. Coffman '29 of Frankfort, October 18, 1993.

Henry C. Cox '29 of Lancaster, November 16, 1993.

Robert W. White '29 of Falmouth, August 12, 1993.

Marcus N. Franklin '30 of Alexandria, Va., July 10, 1992.

William Eades '32 of Lexington, September 8, 1993.

Robert B. Davenport '32* of Durham, N.C., September 1, 1993. Life member. Mary Y. Marquis '32* of Decatur, Ga., August 8, 1993. Life member.

Zelda S. Keffer '33* of Greensboro, N.C., June 5, 1993.

Ivan G. Hosack '33 of Erie, Pa., April 8, 1993.

Harry E. Tait Jr. '33 of Pensacola, Fla., September 6, 1992.

Charles R. Holbrook Jr. '34* of Ashland, October 2, 1993.

Alice Louise Woodward '34 of Louisville, October 21, 1993.

Robert N. Welch '35 of Lexington, October 16, 1993.

William E. Bell '35* of Bradenton, Fla., June 30, 1993.

Anne Preston Newcomb '35 of Albuquerque, N.M., October 14, 1993.

5. Charles Gates '36 of Covington, October 28, 1993.

Ella Lewis Richards '36 of Owingsville, April 13, 1993.

Aaron J. Akers '37* of Louisville, March 3, 1993.

Clifton W. Cropper Jr. '38* of Clearwater, Fla., October 5, 1993.

Willis O. Jones Jr. '38 of Richmond, Va., August 17, 1993.

Martha Jackson Tyson '38 of Minneapolis, Minn., May 1993.

William G. Clark '38 of Mayfield, January 1, 1993.

James M. Gibson '38 of Naples, Fla., June 22, 1993.

Louis R. Prince '38 of Clinton, S.C., November 11, 1993.

Levianna Miller Norton '39 of Cynthiana, November 7, 1993.

H. Robert Clayton Jr. '39* of Sacra-

mento, Calif., September 19, 1993.

Maerene Waits '39 of Lexington, November 11, 1993.

John C. Hunsaker Jr. '40* of Lexington, November 8, 1993. Life member. **Thomas O. Harris '40** of Frankfort, September 20, 1993.

Margaret Smith Fulfort '41 of Irving, Calif., July 30, 1993.

Claude F. Shouse '41 of Tualatin, Fla., July 3, 1993.

Paul W. Hensley '42* of Paris, October 3, 1993.

Carl B. Edwards '45 of Louisville, October 4, 1993.

Irene E. Haynie '46* Columbus, Ohio, November 15, 1993. Life member.

Mary Beale Mylor Brumfield '48* of Lexington, December 19, 1993. Life member. Wife of E. Jay Brumfield, former director of the UK Alumni Association. Fellow, Alumni Century Club, Alumni Association Outstanding Service Award, 1987; Memorials may be sent to the Mary and Jay Brumfield Scholarship Fund, UK Office of Development, Sturgill Building, Lexington, KY 40506. James L. LeMaster '49 of Lexington, September 1, 1993.

Robert K. Hamilton '50 of Lexington, October 31, 1993.

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W.E. Johnson '52 of Maysville, March 7, 1993.

Henry C. Neel '55 of Henderson, September 18, 1993.

Charles R. Moore '55 of Lexington, September 13, 1993.

Kathryn Day Gordon '56* of Frankfort, October 22, 1993.

William P. Bach '56 of Jackson, November 4, 1993.

Martha Stuart Fox '56 of Winchester, April 27, 1992.

Perle P. Estridge '57 of Hyden, September 22, 1993.

James J. Gormley Jr. '59 of Lexington, October 6, 1993.

Nelson L. Grider '60 of Harrodsburg, September 28, 1993.

Verbena H. Sampsell '60 of Hartwood, Va., December 12, 1992.

Charicia Smith Taylor '60* of Dayton, Ohio, October 19, 1992. Life member. Patricia Lee Livingston '63 of Lexington, September 25, 1993.

Dwight M. Hendrix '63* of Hyden, October 17, 1993.

Vicki Bradford Moon '66 of Paris, September 5, 1993.

Ted A. Sloan '68 of Oakland, Calif., October 12, 1993.

Joseph R. Wheat '68 of Lexington, September 16, 1993.

Jerry R. Wheeler '68 of Arcata, Calif., January 1993.

Anna Allen Neal '69* of Memphis, Tenn., October 13, 1993.

David A. Broaddus '73 of Lexington, November 17, 1993.

Larry G. Peck '73 of Frankfort, 1993. Denise W. Eckert '78* of Georgetown, September 21, 1993.

Sherrie Clay Shields '78 of Lexington, November 8, 1993.

Matt T. Kirklighter '81 of Tampa, Fla., October 8, 1993.

Troy T. Gibson '81* of Lexington, October 23, 1993, former treasurer,

College of Nursing Alumni Association. **Thomas G. Wilkson '85** of Gresham, Ore., May 1991.

Shaun W. Gill '86 of London, February 1993.

Karen Keisling-Martin '86 (LCC) of Nicholasville, October 5, 1993.

April Michelle Molden '91 (SCC) of Somerset, September 9, 1993.

Johanna Haltom Salter '92 of Texarkana, Texas, August 17, 1993.

John W. Fielder Jr. of New Port Richey, Fla., October 10, 1993.

Bert E. Johnson of Lexington, August 10, 1993.

Blaine R. Hall* of Martin, September 25, 1993.

Edna G. Ramsey* of Versailles, October 8, 1993.

William J. Martin* of Danville, January 24, 1993.

Emily Barnes Turner Rice* of Lexington, October 13, 1993.

Rosa B. Wilkey* of Philpot, August 17, 1993

Dell Banahan of Lexington, October 16, 1992.

Martha Boyer Brown of Granville, Ohio, November 2, 1993.

Roger Lowe of Lexington, November 16, 1993.

Elsie W. Sublett of Lexington, October 23, 1993.

Clyde R. Barnett of Richmond, November 1, 1993.

Porter P. Featherston of Lexington, November 1993.

D.T. "Doc" T. Ferrell Jr.,* of Lexington, November 3, 1993.

Katherine Brannon Krieger* of Nicholasville, November 16, 1993.

David M. Magill* of Mountlake Terrace, Wash., February 1, 1993.

Mary Gay Metcalf* of Lexington, November 12, 1993.

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

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THE VALUE OF PUBLIC EDUCATION



University of Kentucky President Charles T. Wethington Jr.

This is my first opportunity to talk with many of you since the start of 1994. I trust that your New Year is off to a good start!

It seems to me that what the New Year brings us has much to do with what we bring to the New Year. What we at the University of Kentucky bring to the New Year is a renewed commitment to provide the best in teaching, research and service to the people we serve — first and foremost, our students and the people of Kentucky.

I will continue to spend a lot of time focusing attention on what higher education in Kentucky means to all of us — in terms of economic, as well as educational, benefits.

As an alumnus of a Kentucky public university, you can be proud of what public higher education means to the state. Research shows that all eight state universities contribute tremendously to Kentucky's economy:

• For every dollar Kentuckians put into support of higher education, they get back \$3.40 in total spending in the Kentucky economy.

• In 1991-92, \$672 million in state appropriations stimulated almost \$2.3 billion in total public and private spending in Kentucky.

• The number of jobs in Kentucky was more than 67,000 greater as a result of Kentucky's public colleges and universities.

• Wages and salaries throughout the state were \$1.56 billion greater as a result of Kentucky's public colleges and universities.

• One year of higher education will add \$8.5 billion in lifetime earning power for those enrolled at the eight state universities in the state.

The bottom line is that higher edu-

cation generates jobs and income for the state and its citizens far beyond what is contributed.

This revealing study by UK economists was supported by the Kentucky Advocates for Higher Education — lay citizens who are vitally committed to making Kentucky public higher education the best it can be.

Those of us concerned about the future of all public education in the state owe the Kentucky Advocates for Higher Education a tremendous debt of gratitude for the efforts that they are making to assure support for education at the highest level.

However, there are many other non-economic indicators of the value of higher education. At the University of Kentucky we point with pride to:

• Increasing enrollment and increasing academic quality, with ever-higher ACT scores and grade point averages for incoming students.

• Outstanding, successful graduates like you who are contributing to communities and business and industry.

• Top-notch research that ranks UK among the best public universities in the country and is attracting record dollars in support of that research.

• Industrial and agricultural extension programs that reach out to help business and agriculture in every county of the state. For instance, the county extension program makes more than five million contacts every year.

We can take a great deal of pride in the knowledge that our alma mater is continuing to grow and improve during tough economic times.

As always, please know how much we appreciate your support in helping make UK the best it can be.



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