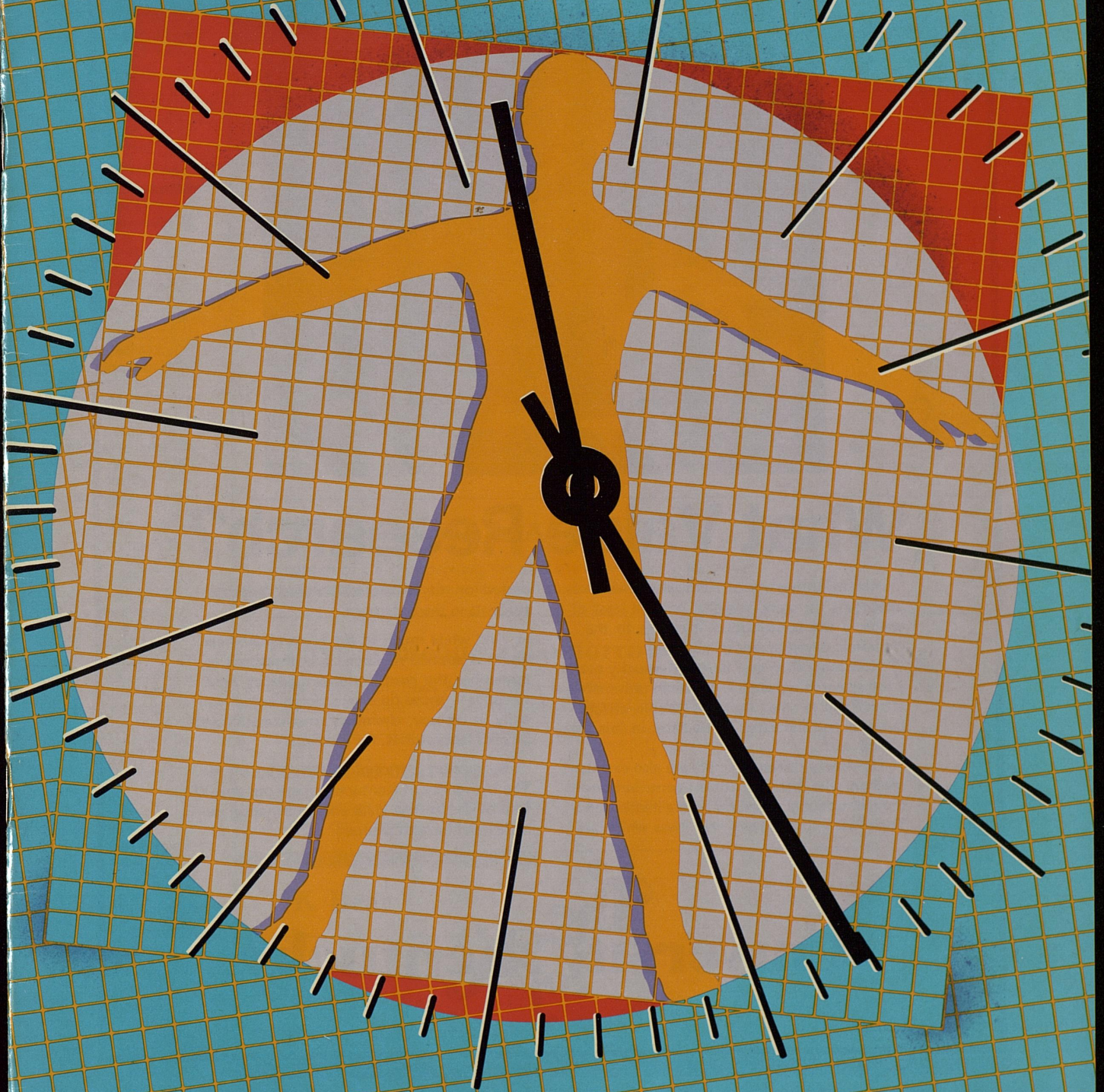
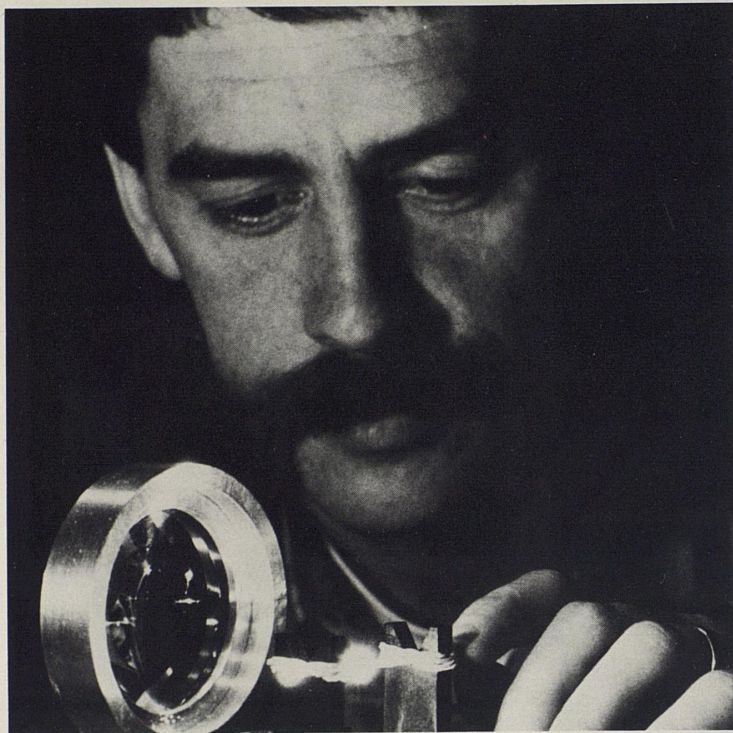


# KENTUCKY

A L U M N U S





## What Value Research?

At The University of Kentucky research is important for many reasons, not the least of which is the contribution it makes to the economic development of our state.

Now more than ever before Kentucky needs a top research university. Research universities attract top people. And top people attract business and industry, particularly in this era of high tech.

University research people are also excellent teachers who make significant contributions to the instructional programs of the institution. Their research uncovers new ideas which are

passed on to undergraduate and graduate students in the classroom.

And while much of the research we hear about is applied research, it is important to remember the contributions made by *basic* research — those quieter victories being won daily in biology, chemistry, mathematics and physics laboratories, for example.

So support a strong research program for The University of Kentucky where our goal is to provide the new ideas and information our state must have to prosper.

The  
University of Kentucky

1986-3



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The Kentucky Alumnae is published quarterly by the University of Kentucky Alumni Association, 400 Rose Street, Lexington, KY 40506-0119, for its dues-paying members. Opinions expressed in The Kentucky Alumnae are not necessarily those of the University of Kentucky or of the UK Alumni Association. Postmaster: Forwarding and address correction requested. Send to The Kentucky Alumnae, UK Alumni Association, Lexington, KY 40506.

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A L U M N U S

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### Equine Doctoral Fellowships

UK has accepted an additional gift of more than \$125,000 in corporate bonds from the Maxwell H. Gluck Foundation.

The annual income from the bonds, estimated at \$10,000-\$12,000 a year, will fund the Maxwell and Muriel Gluck Fellowship for an outstanding doctoral student studying at the Gluck Equine Research Center.

The \$9 million center, now under construction on Nicholasville Road on the UK campus, is due to open in May of 1987.

It is made possible by a \$3 million challenge gift received in 1983 from the late Maxwell H. Gluck and his wife, Muriel. The gift was matched by state building bond authority and contributions by persons in the horse industry of another \$3 million each.

An anonymous donor contributed an additional \$5 million to UK's Equine Research Foundation last year.

UK is one of only two institutions in the world specializing in equine research. The other is in Newmarket, England.

### Blood-Typing Done Here

UK soon will be home to one of two official blood-typing laboratories for Thoroughbred horses in the U.S.

Under a new contract with the Jockey Club in Lexington which oversees registration of Thoroughbreds, UK will analyze approximately 10,000 blood samples annually, beginning in January 1987.

The samples will be tested for the presence of various genetic "markers" which are inherited from the horse's parents. With this information, officials are able to confirm the horse's parentage and identification.

All blood samples now are analyzed at the University of California-Davis.

With steadily increasing prices being paid for Thoroughbred yearlings, the testing program "is cheap insurance that the stated pedigree is accurate," said Dr. Ernest Bailey, UK professor of veterinary science and director of the new laboratory.

The Jockey Club keeps extensive records on Thoroughbreds in the U.S. in order to preserve honesty in racing and to maintain the integrity of the breed. The Jockey Club plans to eventually require blood-typing of all Thoroughbreds as part of registration.

In addition to the service role the lab will perform for the equine industry, Bailey says the information gathered will give researchers a large base of data useful in the study of equine genetics and health.

### Up the Job Ladder

Good communications skills can mean more frequent job promotions, says Dr. Beverly Davenport Sypher, a communications professor and National Association 1986 Great Teacher.

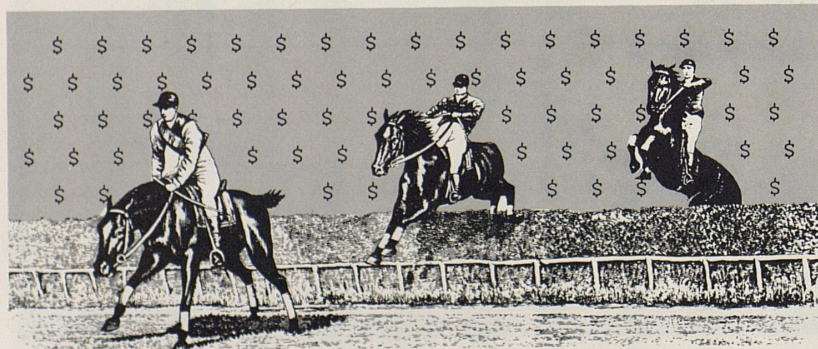
"A great deal of what it takes to get ahead in business can be explained by how well we communicate," she said. "Nearly every job-related activity is a communication activity."

Sypher has measured four distinct communications skills related to job level and upward mobility. They are *Cognitive differentiation*: the ability to judge other people in a variety of ways or dimensions, as opposed to simple "black-or-white" distinctions; *Self-monitoring*: the ability to pay attention to one's own actions and know what constitutes appropriate behavior; *Perspective-taking*: the ability to understand how another person views a situation; *Persuasive ability*.

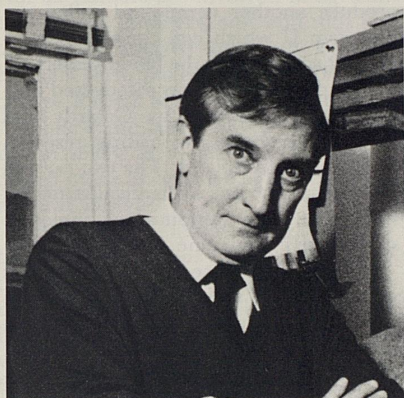
In a recent four-year study of employees at a large insurance company, she found that those who scored well on tests measuring communications skills tended to attain higher job levels more quickly.

Of the four measures of communications skills, cognitive differentiation was most closely related to upward mobility. Sypher believes this is because the ability to view others from many perspectives is the basis for other communications skills.

"Companies certainly would be making wise investments to develop communications skills training for their employees—not just public speaking but also in these skills we studied," said Sypher.



### Architecture Featured in Italy



Anthony Eardley

The Italian architecture journal, *Parametro*, featured the University of Kentucky College of Architecture in its August issue. The internationally-respected journal featured students' work, a discussion of the College's teaching philosophy, and an introductory article by architecture dean Anthony Eardley. The issue contains text in both English and Italian.

"It's a distinct honor," Eardley said, adding that he feels UK was selected "because we have something to say." UK is only the third American school to be featured in the journal. (The *Kentucky Alumnus* featured the college in its Winter 1985-86 issue.)

The UK architecture program puts a strong emphasis on the history and theory of the craft, as well as the applications, Eardley says.

The dean said the issue contains illustrations of student work, with the text discussing the approach the students and instructors took toward each particular project.

The "high degree of autonomy" given to UK architecture professors, and the resultant diversity of work, impressed the editors of the journal, Eardley said. Visiting professors from Europe also have been impressed with the quality of the UK program and have helped build the school's international reputation, he said.

### Supercomputer Network

Because UK is one of 21 universities selected by the National Science Foundation to participate in the SURAnet computer network, UK's researchers will have direct access to many of the nation's most powerful supercomputers. SURAnet is a 12-state computer network being set up at major state universities by the Southeastern Universities Research Association. It is the first network in the NSF national supercomputer network. It will benefit UK in two principal ways: It will make out-of-state supercomputers more accessible to UK faculty and will provide additional uses for UK's own proposed supercomputer which was approved by the 1986 General Assembly. Supercomputers generally are used for highly complicated "numbercrunching" problems requiring huge numbers of calculations. Several UK faculty are paying to use supercomputers in other states. Officials hope UK's supercomputer will be on order within a year and operational by the 1988-89 academic year. Other colleges and universities in Kentucky will have access to SURAnet by connecting to UK. UK's supercomputer also will be used by the higher education, research and business communities in the state.

### Business College International

The University of Kentucky's College of Business and Economics will broaden its international scope under a \$60,000 grant from the U.S. Department of Education.

The grant will help establish student internships and faculty exchange programs with private companies and universities in Europe and Asia, said Dean Richard Furst.

The UK college will also develop a major international trade seminar in cooperation with the U.S. Department of Commerce and the First National Bank of Louisville.

Furst called the grant an important step toward realizing the college's goal of internationalizing the academic programs for its approximately 3,200 undergraduate and graduate students.

Recently, the college established the Center for International Business Studies, with Professor Curt Harvey as director. Two MBA students spent the spring semester working for Siemens Corp. in Munich, West Germany. In addition, a faculty exchange program with the Economics University of Vienna, Austria, has been established and negotiations for a similar program with the University of Munich are taking place.

Furst and Brint Milward, director of the Center for Business and Economic Research, visited Japan and China in October to begin discussions for additional working relationships with universities in those countries.

### Urban Citizen Dissatisfaction

The way local governments are structured in metropolitan areas could make a difference in the way citizens respond to gripes they have about urban services.

That's the hypothesis that University of Kentucky political science professor William Lyons and David Lowery, formerly of UK and now at the University of North Carolina-Chapel Hill, will explore in a new study being funded by a \$44,998 National Science Foundation grant.

Neighborhoods in Lexington and communities in the Louisville area are to be surveyed to determine the ways citizens deal with aspects of community life with which they are dissatisfied.

Lyons and Lowery also will examine the differences between citizen responses in the localities where citizen groups have their own governments (as in the independent communities of the Louisville area) or are part of a more widespread government (ie. Lexington).

Lyons says responses to dissatisfaction may include vocal or written protest, voting behavior, or leaving. Others may remain in the community by choice or perceived necessity.

Five independent communities in the Louisville metropolitan area will be surveyed, each having a distinct socio-economic makeup. Five neighborhoods in Lexington, demographically mirroring the Louisville-area communities, will be surveyed.

He pointed out that in terms of governmental organization, the Louisville area with its fragmentation of local government is fairly typical of older northern cities, while Lexington with a single consolidated government is more typical of newer Southern cities.

Results of the research are expected in 1987.

### Artificial Sweetener for BP



A UK scientist has found evidence that the artificial sweetener aspartame could help reduce high blood pressure.

Aspartame is marketed under the trade name NutraSweet and has gained recent popularity for use in soft drinks and other consumer products.

While stressing that his results are preliminary and do not reflect any studies in animals or humans, UK Professor Richard Galardy says his *in vitro* experiments indicate that aspartame inhibits a chemical reaction in the body that can cause hypertension, or high blood pressure.

It is estimated that one out of four adult Americans have some degree of high blood pressure. Although there are several treatments available, there is no permanent cure.

Galardy says aspartame, when ingested, is metabolized in the stomach and forms an enzyme inhibitor (aspartylphenylalanine), which blocks the action of a naturally-occurring compound called angiotensin converting enzyme. This enzyme normally helps

produce another compound called angiotensin II which can cause hypertension by constricting the blood vessels.

The possible link was discovered during routine research by Galardy and Damian Grobelny, a visiting research professor from Poland. The two noticed that aspartame has a chemical structure similar to other inhibitors of angiotensin converting enzyme.

Galardy says testing in humans would be necessary before any definite conclusions could be reached on aspartame's effect on blood pressure. A crucial question, says Galardy, is finding how much of the enzyme inhibitor formed by aspartame reaches the bloodstream intact without being broken down into its component parts.

Also uncertain at this time is whether aspartame could reduce blood pressure in all persons, or only those with hypertension.

As an artificial sweetener, aspartame is about 200 times stronger than sugar. Because it is composed of naturally-occurring amino acids, Galardy considers it safe for human consumption.

Galardy is an associate professor in the UK College of Medicine, department of biochemistry, and conducts research at UK's Sanders-Brown Research Center on Aging.

## Farmers' Motivations

Not all farmers are involved in agriculture for the same reasons, and thus are likely to be affected differently by government farm policies, says a UK sociologist, Patrick Mooney.

While some farmers view their occupation solely as a business, others are driven more by a desire to live the agricultural lifestyle.

Those in the latter category sometimes make decisions that seem contrary to the economists' view of profit-maximization. These decisions are not irrational but reflect a different set of values, which Mooney referred to as "craftship"—where work is valued as more than merely a means to make money.

"Economists and policymakers tend to assume that all decision-making takes place in the context of profit-maximization. I'm trying to show that that's not always the case," Mooney said.

In a recent study in Wisconsin, Mooney identified four general categories of farmers based on their motivations and economic well-being:

—The "successful family farmer," who owns his property, is not financially encumbered, and enjoys his work both for its own sake and for the product it yields. He is able to buy and sell in a competitive market, and his work is an integral part of his culture.

—The "economist's farmer," who owns the land (or rents it if it is more profitable to do so) and makes decisions based mainly on profit maximization. Farming for him is less a lifestyle, more a business.

—The "poor farmer," usually a tenant or heavily in debt, with minimal skills. Farming for him is just a job, and because job opportunities are often more plentiful and lucrative elsewhere, he is likely to take part-time or full-time employment off the farm.

—The "marginal family farmer," who lacks property or skills, and values autonomy while finding it difficult to remain autonomous. While he may be in a poor financial condition, he is more likely to stay in farming because he enjoys the lifestyle.

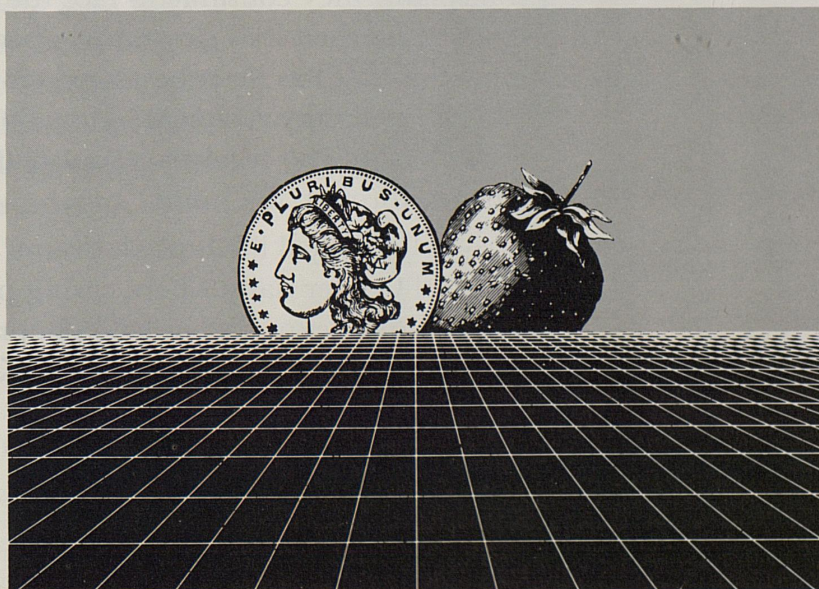
Mooney says farmers who are not purely economically motivated may not be helped much by government farm policy, because such policies tend to ignore the "human" factor and assume that farmers will always do what is most economically expedient.

"To a lot of farmers, the most important thing is autonomy, what they call 'being my own boss,'" said Mooney. "If some action could allow them to make more money but threaten that autonomy, such as borrowing money for expansion, some of them will choose autonomy over profit."

"One of the ironies of this is that in the current farm crisis, many of those who are surviving are the ones who did not follow the economic rationality of the 1970s and who decided to forgo expansion in order to avoid debt."

## New Kid in Town

Owensboro Community College got a good start as UK's 14th community college with a Fall '86 enrollment of 1,800. Classes were held last year as an extension of Henderson Community College proving the need for a permanent facility. After authorization by the 1986 General Assembly, plans are now moving ahead for construction of new facilities on approximately 100 acres of land on US 231 at Veach Road. The hiring of an architect to draw up plans and specifications is the next item on the agenda.



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## DEALING WITH LIFE IN A SHARING WAY

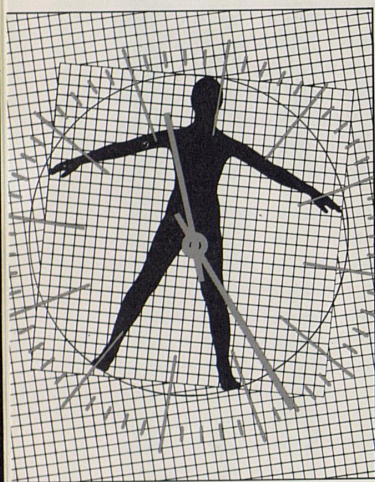
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Why would the UK National Alumni Association devote half a magazine to one topic like organ transplants? The reason is what it says about the University of Kentucky. The transplant of human organs to prolong the life of a fellow human being is a marvelous living memorial to a deceased loved one. It's a very intense and personal decision. To consider the action can take one on an ethical and moral pilgrimage of thought like we seldom go through. It involves our religion and philosophy of life. It puts on the table for examination our trust for the medical profession and perhaps for our own family members. It causes us to define values, to choose our individual position in relation to our society.

To be the recipient of such largess is also an intense, personal experience. While life hangs in the balance, while they wait on fate, recipients ride an emotional roller coaster. Each day they deal with the reality of their mortality and hope for the matching organ that will extend their life. And, they deal with the guilt that hope brings, and then, once they have the transplant, they continue to face the fears precipitated by their illness, and then how do you pay back, how do you live up to this great gift that has been bestowed on you? How do you prove yourself a worthy recipient? How do you show your gratitude? Each person who receives a transplant takes this agonizing journey through the mind.

All this real life human drama takes place at the UK Medical Center daily where caring people form teams of support and technical expertise to help donors and recipients through the ordeal of organ transplants. The UK Hospital reaches out in





service to central and Eastern Kentucky giving the people in these areas (as well as others throughout the state and country) the opportunity to overcome some of life's severest health problems. The UK Hospital does corneal, kidney and bone marrow transplants. Soon it will also do heart-lung and pancreatic transplants, procedures that are very limited in availability throughout the country.

Also supporting these transplant programs are the researchers associated with UK and the UK Medical Center. Basic and applied research, such as Dr. John Thompson's work with monoclonal antibodies, not only advances the success rate of transplants performed at UK, but also contributes to elevating the success rates and advancing the frontiers of research at every hospital and in every research setting throughout the country.

It is our hope that if you have never considered the question of organ transplants that you will do so now. As you read the rest of this issue, ask yourself where you belong on this issue . . . What if you or someone you love needs a transplant? Will you sign the donor card and carry it? Will you contribute and lend your support to this mission of the University?

You decide.

—Liz Demoran

**Uniform Donor Card**

Of \_\_\_\_\_  
Print or type name of donor

In the hope that I may help others, I hereby make this anatomical gift, if medically acceptable, to take effect upon my death. The words and marks below indicate my desires.

I give: (a) \_\_\_\_\_ any needed organs/tissues  
 (b) \_\_\_\_\_ only the following organs/tissues

\_\_\_\_\_  
Specify the organ(s)/Tissue(s)

or

for the purposes of transplantation, therapy, medical research or education:

(c) \_\_\_\_\_ my body for anatomical study if needed

Limitations, or special wishes, if any: \_\_\_\_\_

*Please cut out and carry in your wallet.*

*Signed by the donor and the following two witnesses in the presence of each other:*

*Name of Donor* \_\_\_\_\_

*Signature of Donor* \_\_\_\_\_

*Date Signed* \_\_\_\_\_ *City and State* \_\_\_\_\_

*Witness* \_\_\_\_\_

*Witness* \_\_\_\_\_

*This is a legal document under the Uniform Anatomical Act or similar laws.*

# THE TRANSPLANT TEAM

*Doctors, nurses and other health care specialists focus on the patient to increase chances for a successful operation.*

BY CHRIS McCLAIN

**F**or twenty-two years, the University of Kentucky Chandler Medical Center has been operating a renal (kidney) transplant program. Some 659 transplants have been performed.

Twenty-two years ago, kidney transplantation was considered a very experimental procedure. Today, the UK transplant team performs some two to four transplants a month.

As a tertiary medical center, UK has the expertise, facilities and resources to help people survive. Here's a close-up look at a kidney transplant team.

## NEPHROLOGISTS

"The patient is aware that nephrology is able to offer a unique medical service: that they can lose a major organ and still be alive. If a kidney transplant fails, they can always go back on dialysis."

Hartmut Malluche, M.D., head of the Department of Nephrology, Bone and Mineral, makes very positive statements and, while he is excited about the advances being made in the renal transplant field, he is quick to indicate that dialysis has improved steadily as well.

"End stage renal failure can be managed for years," he says. "Transplants and dialysis are equal modalities we offer to patients."

Since 1982, when Malluche took over the department, the survival rate for end stage kidney disease has steadily increased.

"Our major goal is to avoid the need for a transplant or dialysis by taking

care of the patient and his kidney problems. When that is not possible, we try to keep them on the healthy list through care and dialysis until a kidney becomes available," Malluche says.

Thomas Waid, M.D., is the nephrologist on the kidney transplant team. His work is to keep the patient on the healthy list by the day to day management of his end stage renal disease. According to Waid, 85 to 90 percent of these patients will have other medical problems associated with kidney disease. These can include diabetes, high blood pressure, infectious diseases, and dialysis.

After the actual transplantation of a kidney, Waid watches for signs of rejection. If a fever arises, he will determine if it is caused by rejection, virus, bacteria, or by a reaction to the many drugs and will recommend the necessary treatment in each case.

"Solid organ transplantation is a major challenge in medicine today," Waid says. "Man cannot yet make one that works like the body's own, so transplanting an organ that functions and overcoming rejection of that organ is surmounting, what used to be, an insurmountable barrier."

Waid indicates the one year survival rate for kidney transplants at UK is almost 90 percent. The rate after three years is about 80 percent and both are above the national average. He also feels the team approach to planning pre- and post-operative care has made these figures possible.

"We provide a continuity of care that involves planning for the patient even before the actual transplant," Waid said. "For me, once the kidney

is surgically placed, the medical management of the patient is challenging."

## SURGEONS

Bruce A. Lucas, M.D., along with Drs. J. William McRoberts and Stephen Spires, are the kidney transplant surgeons at UK. "The actual surgery is pretty standard now," Lucas says. "The hard part is patient management; the clinical judgments that must be made."

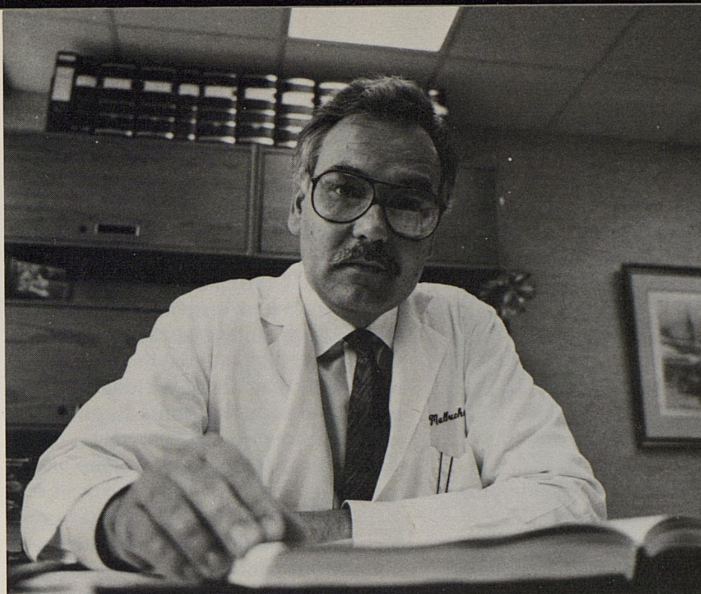
According to Lucas, it is this total patient management that makes the difference in how the renal transplant team functions. Because they work together from the time the patient enters the program until years past the transplant, they are able to make the appropriate decisions at the appropriate times.

The potential kidney recipient will first meet the surgeons when starting dialysis or on referral for transplantation. There are two methods of dialysis for partially replacing the function of the kidneys. For hemodialysis, a vein and an artery in an arm or a leg are surgically hooked together in order to make the tube insertion easier. The other method, peritoneal dialysis, uses a silastic catheter placed directly into the abdomen.

The surgeons are also involved with the blood transfusions patients undergo before the transplant in order to increase the suppressor cells and lower rejection.

The actual kidney transplant operation takes between two and four hours. While kidneys are matched as closely as possible between donor and

Right: Harmut Malluche,  
Department of Nephrology  
Below: Thomas Waide, M.D.,  
Nephrologist.



recipient, surgical problems could arise such as some kind of organ abnormality or the delicate blood vessels could be too short for attachment. The failure rate for kidneys because of surgical problems, however, is less than one percent.

The surgeons usually perform two to eight transplants a month and some of these will include removing kidneys from live donors such as a sibling or a parent. But even if they are transplanting a kidney from a cadaver donor, the prognosis for the patient is good.

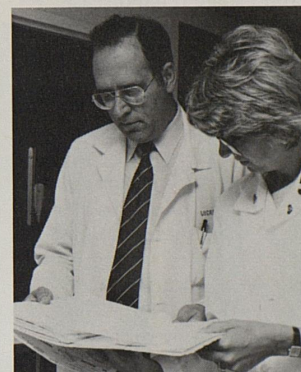
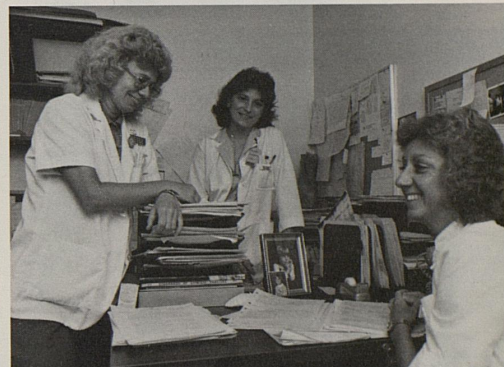
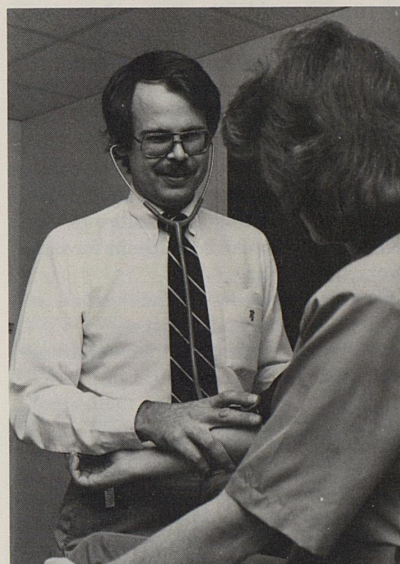
"With the new drugs and new methods of tissue typing, the chances of one year of successful function is 90 percent," Lucas says. "Even though a patient is not exactly normal, he feels better and functions normally."

#### NURSE COORDINATORS

Linda Anderson, R.N., Peggy Brown, R.N., and Nancy Dawson, R.N., are the renal transplant nurse coordinators at the UK Chandler Medical Center. It is their job to help determine, along with the transplant physicians, whether a person with end stage renal disease is a good candidate for a kidney transplant.

Once a patient is referred to UK as a potential recipient, the three nurses, working closely with the renal physicians and social workers, begin evaluating the patient. Factors such as general health, age, tissue typing, dialysis potential and access to medical care are all factors the nurses must consider.

As needed, all members of the transplant team meet and discuss each patient. Information gathered by the



nurses is reviewed and the members then determine whether a patient may be a good recipient and his name is placed on the waiting list. While continuing to teach the patient everything about kidney transplants, the nurses also coordinate the various studies, lab work, and tests required.

One of the most important facts they try to convey is that the new kidney could experience rejection at any time after the transplant. "They need to know the problems," Anderson says. "We are obligated to let them know."

The nurses also schedule lab visits for tissue typing, elective blood transfusions, and health work ups on the patient and all prospective donor members of his family. While the patient is on the waiting list, they will continue to monitor him in order to

Above right: Nancy Dawson,  
Linda Anderson, Peggy Brown,  
Renal Nurse Coordinators  
Above: Bruce Lucas, M.D.,  
Transplant Surgeon and Tess  
Simons, Transplant Nurse  
Coordinator R.N.

keep him healthy enough for the actual transplant.

Even after the operation, their involvement never stops. The nurse will follow the patient through the transplant clinics and provide a 24-hour call service for them. Most patients will come to the clinic at least twice a year for the rest of their lives.

As of this year, the nurses are following nearly 160 new referral patients waiting for a transplant and over 400 who have already had the operation. "It can be frustrating because of the heavy work load but we have a positive attitude because we have a better success rate," Brown says. "Our clinics are full of successes. It's very satisfying."

According to Bruce A. Lucas, M.D., chief renal transplant surgeon, the nurse coordinators are the key elements in the integration and continuity of care for the patient. "They are most important to a successful program."

#### SOCIAL WORKERS

Besides the nurse coordinators, the next people a prospective patient will become involved with are the renal social workers.

Shirley Hughes, M.S.W., has been at the UK Chandler Medical Center for 13 years listening and caring for patients with end stage renal disease. It is her job, along with Joni Johnson, to identify and work with the psychological and social problems that develop with such a disease.

"These people are always anxious," Hughes says. "First there's the fear of dying and if they get a transplant, then there is the fear of rejection. They never are able to settle their emotional state."

Hughes sees her role as one of counseling and teaching. Her input into the renal transplant team is to evaluate whether a person is emotionally and socially capable of handling a transplant or dialysis. She works closely with the patient and his family to overcome fears, spot potential

problems, and to learn methods of coping with the problems.

Her work with the family is especially important because, usually the donor with the best tissue match is a sibling. "We have to look at the motivation," Hughes explains. "There can be spoken or unspoken pressures to donate from other members of the family, but the potential donor may not want to. It may not be feasible or possible to use a live donor in some circumstances. Everyone needs to express their feelings and work them out."

The social workers, like the nurses, spend so much time with the patients that they become involved with them. Patients who have had a transplant 10 or 13 years ago will still drop by to see Hughes.

According to Hughes, one of the biggest challenges she has after a transplant, is helping the patient not to view himself as sick. Some are afraid to work because they think it will cause rejection. Hughes refers these people to the rehabilitation counselor, Jo Kirkland, who can train them for new work if necessary.

As Hughes states, "The doctors address the medical and renal problems. The social workers address the social and psychological problems. Everything is important to the team."

#### TISSUE TYPING LAB

The survival rates for kidney transplants have been steadily rising over the years due, in part, to the more complex series of tests for matching donors and recipients. John S. Thompson, M.D., professor and chairman of the Department of Medicine and co-director with Darryl Jennings of the Tissue Typing Lab, has been directly involved in these new tests.

"We can have a definite impact on kidney success by matching," Thompson says. "However, only one

in 400,000 is truly tissue compatible."

Compatibility is based on several scientific determinants especially the Human Leukocyte Antigens (HLA). HLAs are attached to white blood cells and are more difficult to match than red cells. Perhaps eight to ten tests are required to match red blood cells but over 250 may be necessary to match white cells. These tests can take from three and a half to four hours and must be done separately for each potential donor.

Usually a sibling will turn out to be a near perfect HLA match. If the sibling becomes the actual live donor, the patient's chances of accepting the kidney are around 90 percent or greater.

Perfect matches are not always possible, however. According to Thompson, in the case of cadaver donations, the laboratory tries to get the closest match that can be achieved. "The one year survival rate for cadaver kidneys is 89 percent at the University of Kentucky. The three year rate is 83-84 percent. But both are well above the national averages," Thompson indicates.

The fact that finding a good tissue match is so difficult is the reason some patients stay on the waiting list longer than others. But Thompson believes waiting is preferable to mismatching unless the patient is rapidly failing on dialysis.

#### TRANSPLANT NURSES

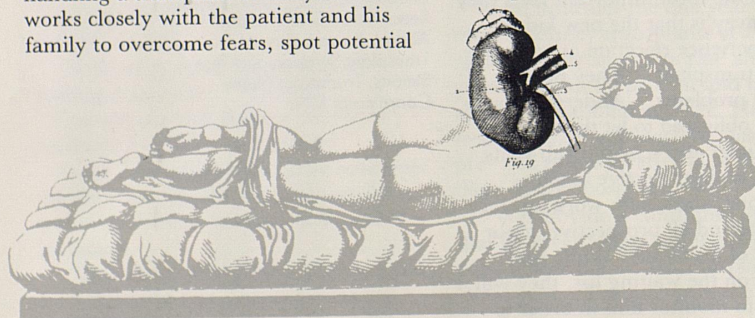
After the actual transplant operation, the persons most directly responsible for the care of the patient are the renal transplant nurses. Juanita Burchett is one of them.

"Our patients must learn to take care of themselves," Burchett says. "We give them the rationale as to why they have to do what they do."

The nurses begin instructing the patients even before the operation. They make sure that all the necessary tests have been run before the transplant. After the operation, the teaching aspects get more intense.

A patient will need from 20 to 25 pills a day. The nurses must not only show the patient when to take the medication but also why each pill is necessary and its proper name and dosage.

The nurses also instruct the patient in the care of his incision. Patients must know how the incision feels and the



difference between that pain and signs of rejection. If rejection does occur, they also need to know exactly what to do then.

Because primary nursing care is the standard at University Hospital and the length of stay averages about a month, patients and nurses become attached to each other. As with the other members of the team, patients tend to look upon these nurses as part of their extended family also.

"We might be the only contact some may have with the outside world," Burchett indicates. "We get to know each other real well. When they come into the clinics, a lot of these former patients will stop by to see us as well. They come back looking good."

Because Burchett is from Prestonsburg, she tries to take primary patients from Eastern Kentucky. "We'll sit and talk about people we know or things we have in common," she says. "It helps to pass the time and makes them feel more at home, especially if I pull my accent out."

According to Burchett, a renal transplant patient will feel better within two or three days once the kidney begins to function properly. Most are much better by the time they go home. "It's definitely worth it," she says.

#### ORGAN PROCUREMENT

Because live donors are not always possible, the kidney transplant team could not work together as often without the generosity of donor families.

Tom Threlkeld, manager, and Tess Keafer Simons, coordinator, are the members of the Organ Procurement Agency (OPA) staff. The OPA serves 54 hospitals in Central, Eastern and Southeastern Kentucky in the gathering and sharing of organ donations. They work with the physicians and hospital staffs in determining the suitability of a donor and then help with the counseling of the family.

"The staff usually lets us know whether the family may be receptive to donation. It can be a rather unique opportunity to make something positive from a tragic situation," Threlkeld says.

When an organ donation occurs, Threlkeld and Simons, working closely with the tissue typing lab, help determine if a patient on the waiting list is a good candidate. If so, they coordinate the logistics of the transplant

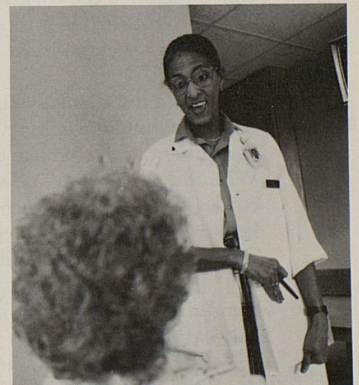
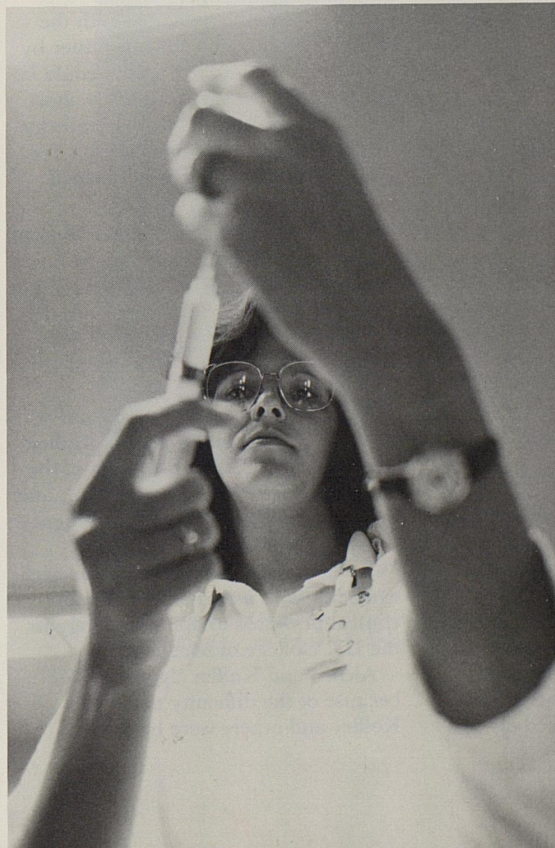
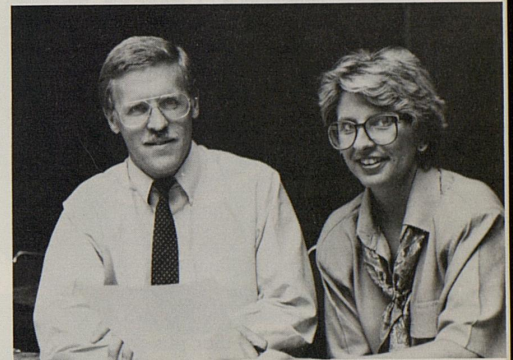
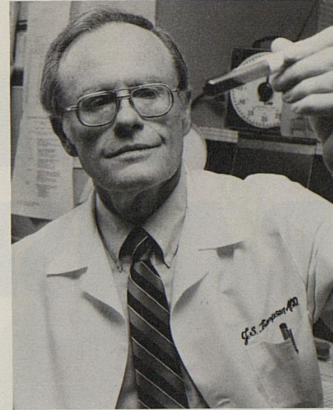
which include transportation of the kidney, contacting the recipient, and scheduling the surgery.

If the donor's tissue type fails to match any local patient, then the kidneys are shared through the United Network for Organ Sharing (UNOS). Last year 30 kidneys were donated in the region. This was not sufficient to meet local needs, so patients were dependent on the UNOS. Since only one kidney is transplanted into a patient, a single donor can help two people on dialysis.

A new law recently passed by the Kentucky legislature requiring hospitals to contact the organ procurement program when potential donors are identified, should help increase the number of organs available for transplantation.

According to Threlkeld, organ transplantation is the best and sometimes only chance for recovery for many patients. "There is a continuing shortage of organs," Threlkeld says. "All of us should participate in the donor program by signing donor cards or driver's licenses."

*Chris McLain covers the Colleges of Nursing and Allied Health for the Medical Center Office of Public Affairs. She is a university information specialist.*



From top: John Thompson, M.D., Director of Tissue Typing Lab; Tom Threlkeld and Tess Simons, Organ Procurement Agency; Shirley Hughes, Social Worker.

Left: Juanita Burchett, Renal Floor Nurse.

# NO ORDINARY GIFT: A TRANSPLANT

*Success is 75 to 95% in corneal transplants.*

BY MATT EMERY

**O**rdinary gifts come wrapped in decorative paper, laced perhaps, by colorful ribbon.

But this gift came packaged in an unassuming plastic jar filled with red fluid; and the recipient had to let his ophthalmologist, Bruce Koffler, M.D., open it for him.

It was an extraordinary gift—a donated cornea.

In an operating room at a Lexington area hospital, Koffler placed the gift, which included the cornea and a thin white scleral rim, in a recess of a small teflon block which served as a cutting board.

To obtain a correctly-sized piece of tissue, he used a trephine, a surgical instrument used to make circular cuts. With the precision of a Swiss cookie cutter, the trephine punched out a healthy 8.5 millimeter piece of cornea to replace his patient's failing one.

The cornea is the eye's window, the transparent disc of tissue in front of the iris and pupil.

Earlier, Koffler explained what brought his patient into the operating room to have his cornea replaced.

The patient's problems have been confined to one eye, Koffler said. The events leading to the corneal transplant began when one eye developed a cataract. Three operations were performed to correct the situation, the last two involved the implantation of artificial lenses. In each operation, the cornea had to be cut open to reach the lens. The artificial lenses placed in his eye thus far, however, had been too small, Koffler said, and moved about

too freely. So today Koffler would try a third lens implant.

His cornea, weakened by three operations, was beginning to fail, "as evidenced" Koffler said, "by some cloudiness, or fluid uptake, and an extremely low cell count in the central area."

So when planning the operation, the questions for Koffler were these: should he just replace the lens, leaving the weakening cornea behind after compromising it further, or go ahead and replace it at the same time, probably sparing the patient from an additional operation?

The decision to go ahead with the corneal transplant was made easier by the fact that a donated cornea could be obtained locally in a reasonably short time from the University of Kentucky Chandler Medical Center Lion's Eye Bank, which Koffler himself helped found.

The eye bank, located in the Medical Center, initiated operations July 5, 1981, according to its coordinator, James R. Martin. So far, he said, the eye bank has harvested about 2,000 corneas, and made possible 1,200 transplants.

Martin said the eye bank began through a joint effort between Koffler and Jim Alcorn, then president of the Kentucky Lion's Eye Foundation, and former director of the UK Placement Service.

Koffler is now medical director of the eye bank, and a part-time assistant clinical professor of ophthalmology in the UK College of Medicine.

Alcorn and Koffler "got together because of the difficulty that Dr. Koffler and others were having

obtaining donor corneas for transplants," Martin said.

They established the eye bank to try to alleviate Koffler's needs and to assist other physicians and patients in the community, he noted.

At that time, Martin said, the list of those needing corneal transplants included 53 patients, who typically faced a six or seven month wait.

But in time, the eye bank trimmed the waiting period considerably; for instance, Koffler's lens implant patient waited only a month.

The monitor displaying the patient's ECG and heart rate beeped reassuringly in time with his pulse as Koffler and assisting nurses went to work.

After cleansing the eye, they isolated it with a blue paper drape, and on top of that a sheet of plastic.

Leaving only the eye exposed emphasized the fact that Koffler would have little room to maneuver. The tiny work area became manageable, however, when a microscope was swung into place.

"A lot of people want to know," Koffler commented, "if we take the eye out and put it back in. Of course we don't. We try to be as gentle to the eye as possible."

Koffler said he prefers to have the patients remain awake for the operation, if possible, as they have an easier postoperative course when they do.

To keep the eyelids open, they inserted a device made of wire called a speculum. The speculum also served as a framework within which Koffler would work. To support the eye and maintain its shape, the sclera (the white

# CORNEAL

of the eye) was sewn to a part of the speculum, a ring of wire slightly larger than the cornea.

Koffler centered an electric trephine on the patient's cornea but used it only to mark precisely the size of the hole he needed. On command from a footpedal, it slowly turned, making the circular pattern.

Koffler then made a small hole with a blade and cut along the pattern with curved scissors.

With the cornea removed, Koffler worked at exchanging the old artificial lens with a new one. Once that was done, he was ready to cap the eye with the donor's cornea.

He had cut the cap slightly larger than the hole for a snug fit, he said. Once it was in place, it was simply a matter of sewing old and new together. That done, he adjusted the pressure in the eye chamber behind the cornea by injecting a solution, then cut the stitches holding the speculum in place and removed it.

The microscope was swung back. The medical team patched the eye and removed the isolating plastic sheet and blue paper drape.

"It's all over," Dr. Koffler announced to his patient.

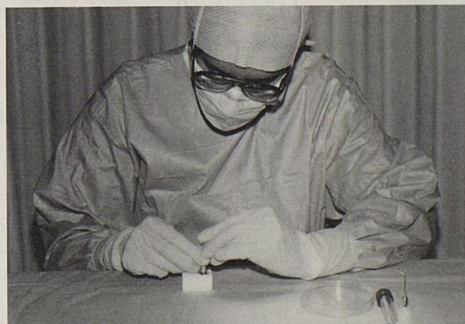
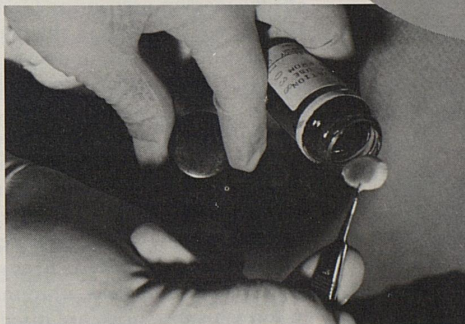
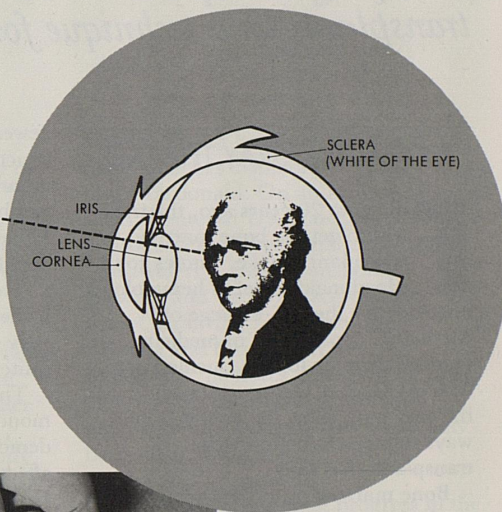
How well the patient would see through his new cornea would be uncertain, but chances for success are typically 75 to 95 percent in corneal transplants.

For right now, the patient just felt groggy.

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*Matt Emery is a second year student in the UK College of Medicine. He holds an undergraduate degree from Western Kentucky University where he majored in chemistry, biology, and journalism.*

## STRUCTURE OF THE EYEBALL



A donated cornea awaits transplantation. The cornea and thin scleral rim is placed on a teflon block and then correctly sized by means of a trephine.

# WHEN RESEARCH IS APPLIED

*Research into monoclonal antibodies at UK is helping to improve the success rate of bone marrow transplants as a technique for treating cancers*

BY SANDRA GRAY THACKER

**F**ifteen to 20 years ago, the trick was to get the bone marrow transplant to take," notes John Macdonald, chief of hematology/oncology for the UK College of Medicine, department of medicine, and medical director for the Lucille Parker Markey Cancer Center. "Today that's the easy part. Now the goal is to find ways to make bone marrow transplantation safer."

Bone marrow transplant recipients at the University of Kentucky Chandler Medical Center have a better chance today than ever before to experience



Mary Robertson, RN, holds Heath Sloane. Heath underwent a successful bone marrow transplant for Severe Combined Immune Deficiency Syndrome.

fewer—often life-threatening—adverse reactions to the donated marrow. This is largely due to three monoclonal antibodies developed by a team of UK College of Medicine researchers under the direction of Dr. John S. Thompson.

The fact is, the decision to undergo a bone marrow transplant (BMT) is a very serious matter. The procedure is, quite frankly, a "last chance effort".

The significance of the UK monoclonals is that they have demonstrated a very high degree of effectiveness in preventing Graft Versus Host Disease (GVHD), the major complication of bone marrow transplantation which can result in death.

"In the most simple of terms, monoclonals are antibodies which are derived from humanly-engineered hybrid sources," says Thompson, "and which possess the capacity to reproduce themselves indefinitely." Mouse, rat, or human normal cells, immunized to foreign substances, are fused with abnormal cells to produce an entity known as a "hybridoma."

Hybridomas are capable of producing proteins, known as "immunoglobulins," which behave like a natural antibody to specific alien substances within an individual's body. The antibodies produced by the hybridoma are called "monoclonals" and each one is extremely specific for the foreign substance or substances which it recognizes.

"The monoclonal can act in a number of ways," notes Thompson. "Some work as 'searchers' and simply locate and verify the existence of specific antigens. Some act to find the antigen and block or divert its function.

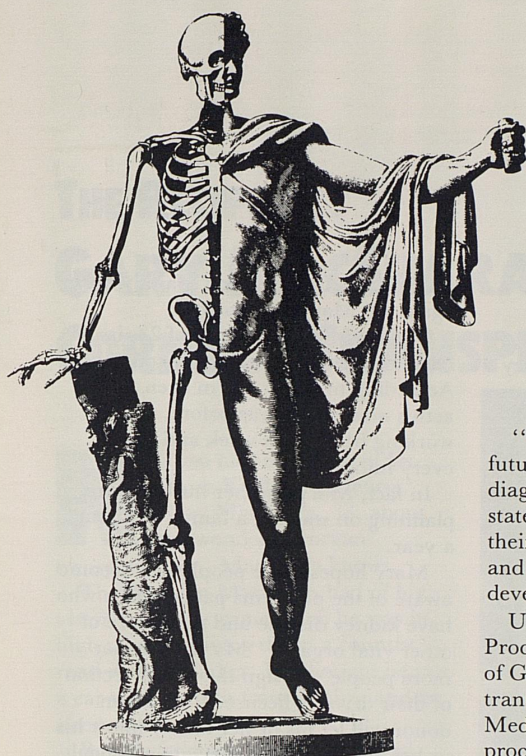
Some are engineered to carry therapeutic substances with them which can destroy the foreign, abnormal, or unwanted presence in the system."

To date, clinical study of the UK monoclonals has consisted of using them to "wash" donor bone marrow free of one type of cells—T-lymphocytes—before it is administered to a recipient. The goal: to prevent the occurrence of Graft Versus Host disease, a condition whereby the donated marrow recognizes the entire body of the recipient as "foreign" and attacks it.

"T-lymphocytes, or T-cells, in the bone marrow and lymph organs recognize the foreigners and initiate an individual's immune response system," says Thompson. "These cells are the intelligence of the immune system and serve to detect, directly attack, or instruct other cells to attack and destroy various alien substances which may occur in the body. Graft Versus Host Disease actually occurs because the T-cells are simply doing what they are supposed to do. To prevent them from doing their job, the donor marrow T-cells must be eliminated. That is precisely what our monoclonals are programmed to accomplish and they seem to do it very well."

One of the most important talents of





the UK monoclonals seems to be their selectivity. "They are very efficient at removing specific T-cells," states Thompson. "They are specialized to select and attack only T-cells, ignoring other 'good' marrow stem cells which will be needed by the recipient." This efficiency ultimately leads to reduced morbidity and mortality not only for closely-matched BMT recipients, but also is opening up better possibilities for successful transplants for less-closely matched recipient-donor teams and even completely unrelated donors.

"We are optimistic that monoclonals will be of increasing value in our program," Thompson says, adding that further study is now being directed toward establishing additional uses for these potentially versatile diagnostic and therapeutic tools. Such uses include using monoclonals to more precisely diagnose cancer of the blood and lymph organs; to diagnose and characterize disorders of the immune system; for in vitro T-cell depletion to prevent GVHD; and for application in situations where the patient's marrow is stored and given back after therapy.

"We are very excited about the future for monoclonals in a variety of diagnostic and therapeutic fronts," states Thompson. "The options for their medical applications are limitless and we're lucky to be involved in the development of those options."

Use of the T-cell Depletion Procedure has decreased the occurrence of GVHD in 40 percent of matched transplants done at the UK Chandler Medical Center. In addition, the procedure has worked to significantly decrease the severity of GVHD reaction in patients who have developed this complication.

The cost of a bone marrow transplant can range between \$60,000 and \$120,000 or more. "It depends on whether complications develop," explains Macdonald. In all cases, University Hospital tries to provide guidance to families concerning potential methods in which to secure funds, if necessary.

Since the opening of the BMT Center in September 1982, bone marrow transplants have been provided to approximately 150 critically ill patients. "Our survival rate is around 35 percent which is really quite good considering that the majority of our

patients do not have optimal donor tissue matches available to them," says Macdonald. On an average, the BMT Center at UK transplants approximately 50 patients annually. "Our referral area is constantly growing and we have received patients from California, New Hampshire, Arizona, and throughout the southeast," he notes. "A good number of our referrals actually come from other centers—patients they think may be good candidates for T-Cell Depletion."

"We have made great progress in the last 25 years or so," smiles Macdonald. "In 1947, nearly 50 percent of all children diagnosed with leukemia died within two months of diagnosis. Now, 70 percent of those children are surviving . . . some through bone marrow transplants, but many more through the use of chemotherapy."

Macdonald emphasizes that the success stories such as that of battling childhood leukemia, all resulted from clinical research programs. "People are sometimes apprehensive when they hear the words 'clinical research.' They conjure up images of themselves as 'guinea pigs' and all. The reality is exactly opposite. Often the therapy and procedures utilized in clinical research . . . especially relating to cancer . . . are the very best medicine available. It's usually based on taking specific chemotherapy programs—which are already proven—and adding something innovative, such as BMT. It's really medicine at its most aggressive best."

*Sandra Gray Thacker covers the College of Medicine for the Medical Center Office of Public Affairs. She is a senior communications specialist.*

## **THE RECIPIENT: A SECOND "SECOND CHANCE"**

**T**he little girl was four-years-old, living in California, when she received her first kidney transplant. It was 1968 and doctors were reluctant to do a transplant because the procedure was still in the experimental stages and the child had other medical problems. At that time, patients who received cadaver transplants were not likely to live more than five years. Due to the kindness of a donor's family and her strong will to live, she proved them wrong.

Sixteen years later, living in Lexington, Mary Charles was facing chronic rejection and deteriorating function of her transplanted kidney. Mary knew she would have to have another kidney transplant and in January 1985, she was placed on the waiting list at University Hospital.

At age 22, she had grown accustomed to being a very active person. A member of the patient council of the National Kidney Foundation of Kentucky—East, Mary says the organization had been trying to get pagers for patients on the active transplant list. "I just wasn't one to sit at home. I wanted to be available if a call came from the hospital, so I got my own pager."

Mary, who is married and one of the longest living cadaver transplant patients, has a great attitude about life. "I lived with this for so long, I just couldn't dwell on my problems. I have lots of faith and that kept me going."

She says she was young the first time she received a transplant and couldn't remember the details, but became apprehensive while waiting for that call to come from the hospital that would enable her to go on with her life.

"Waiting gets to you," Mary says. "So much goes through your mind. I was fortunate I didn't have to go on dialysis. Everytime I walked out the door and heard a siren from an

ambulance, I wondered 'will they call me?'"

That call finally came. On April 1, 1986, Mary Charles received a kidney



Mary Charles, manager of Frontier Fruit and Nuts and Korny Kreations, Lexington Festival Market, is back to work and leading a more active life than ever before. Thanks to an organ donor, Mary has lots of tomorrows.

transplant. A kind donor's family once again left Mary a tomorrow.

Today, Mary at the age of 23, is back to work and leading an active life. According to Mary, "I'm even more active now than I was before. I'm working 61 hours a week and love every minute of it."

In fact, Mary and her husband are planning on starting a family in about a year.

Mary hopes more people will become aware of the problems patients face who have kidney disease and the failure of other vital organs. "My wish is that more people will sign the donor section of their driver's license. If an organ donor will let his or her family know his or her wishes, it will alleviate a difficult situation at the time of death."

—MARY MARGARET  
COLLIVER

## **THE DONOR: ONE FAMILY'S EXPERIENCE**

**O**n their wedding day, Carolyn and Dave Irwin found themselves discussing the possibility of donating organs. Carolyn was not too taken with the idea but Dave felt strongly enough to sign his driver's license, making it possible to donate any of his organs as needed. Eleven years later, Carolyn honored his wishes.

In 1985, a tragic accident took Dave's life. But because of his generosity and Carolyn's commitment, eight other lives were saved by the donation of Dave's heart, kidneys, corneas, skin, and pancreas for research.

"It was very important to him to help other people by the act of donating what is usable; what we can't use any more but someone else can," Carolyn said. "He knew what he wanted. I felt I was doing something he wanted."

To do what Dave wanted, however, was more difficult than Carolyn had imagined. This was before the recent brain death and organ donation bills had been passed by the Kentucky legislature. The doctors at the Louisville hospital waited 24 hours after Carolyn's permission before taking her husband's organs because the law was unclear as to how to determine brain

## THE RECIPIENT: GARY MACSHARA'S CORNEAL TRANSPLANT



Gary MacShara

**N**o one has to tell one of Dr. Bruce Koffler's patients, Gary MacShara, 38, about the wonders of organ transplantation. MacShara knows.

The first sign MacShara had of his vision problems came when he was in high school, driving down a country road with his father. He thought he saw a car turn right in front of him, and he swerved off the road.

But his father, incredulous, asked him what he thought he was doing, MacShara said. He explained that he was trying to avoid the oncoming car.

His father then told him the car had been a long way off, and said to him "we better go see a doctor."

So they went to "a country doctor in Morganville," MacShara said, who told them he thought he knew what the problem was but advised them to see a doctor in Evansville to be sure.

It was in Evansville that MacShara learned he had Keratoconus, a progressively debilitating condition of the eye. In those days, there was only one treatment available for the disease. MacShara would have to be fitted with special contact lenses that would

correct his distorted vision.

In the beginning, the lenses worked well. As the disease progressed he was fitted with stronger and stronger lenses. The first few refittings occurred about five years apart, but then the time between them began to shorten.

MacShara had been seeing Dr. Koffler for refittings for about four years when Koffler suggested a new therapy, corneal transplantation. As long as the contacts had worked, MacShara said, Koffler didn't want to attempt the operation, but by now they weren't working. His last refitting had become inadequate within six months, and he was nearing blindness.

"When I took off my contacts at night," said MacShara, "I couldn't see my hands in front of my face."

MacShara had transplants performed in June 1985, and February 1986.

Measurements made then of MacShara's visual acuity showed how well the transplants had worked. MacShara's vision registered 20/25 in one eye and 20/30 in the other.

What does MacShara have to say about the improvement?

"Oh it's great . . . I can focus. I can drive. I can work without glasses."

Good vision is important when you're in MacShara's line of work. He has a job in the parts department of a Lexington auto dealership, where he spends much of his day looking up information from a long row of catalogs.

The transplants have made that task a lot easier. "I was getting to where I had my nose literally in the book all the time," MacShara said.

—MATT EMERY

death. "Because of the experience I had with the doctors, I wanted to make sure that was never going to happen again," she said. Carolyn decided to work for passage of those two bills.

She and her two children made themselves available for testimony in the legislative debates on the bills. Her husband's case was used as an introduction to the actual organ donation bill itself, in order to demonstrate how many people can be saved by one person's gift. Her daughter made presentations at school and church and worked at getting her teachers to sign their driver's licenses. Carolyn recorded publicity pieces for television and radio.

According to Carolyn, the whole process helped both her and her children to face the reality of their loss. "It was an incentive to my own grief process and a major contribution to

being able to deal with it. My children were able to see that you could deal with death in a positive way," Carolyn said. "It was sort of a light at the end of a tunnel, an indication that we do live beyond death. If we deal with life in a sharing way, it's love itself."

Carolyn and her children were invited to the signing of the brain death and organ donation bills at the Kentucky legislature. She and her children feel a sense of peace now, but if she had to do it over again, she knows that donating organs is worth the effort.

"You have to consider, what if you needed an organ or someone in your family did. Of course you would accept it. But if you can say yes to that, then you have an obligation and a responsibility to do the same for someone else." As Dave did.

—CHRIS McLAIN

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## HEART AND HEART/LUNG, PANCREATIC, LIVER TRANSPLANTS

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# NEW DIRECTIONS: REDEFINING THE POSSIBLE

BY MARY MARGARET COLLIVER

**O**n May 22, 1986, the Kentucky Certificate of Need Authority unanimously approved a Heart and Heart/Lung Transplant Program at University Hospital, Chandler Medical Center.

The Authority, which oversees growth in Kentucky's health industry, acknowledged UK's successful record in kidney, corneal and bone marrow transplants. In addition, the Authority supported the need for the heart and heart/lung transplant center for Central Kentucky.

At present, no other heart/lung transplantation programs are operating in Kentucky or the Southeast United States. Heart/lung transplants are performed at only eight centers in the country, the closest center is in Pittsburgh. More than 60 centers

perform heart transplants; two are in Louisville.

Edward P. Todd, M.D., professor of surgery and chief of cardio-thoracic surgery at UK, was instrumental in initiating the heart and heart/lung transplant program. "Heart and heart/lung transplant patients must remain very close to the source of their medical care for follow-up," Todd says. "UK serves predominantly Central and Eastern Kentucky, which fall outside the service area of the Louisville hospitals. It has been the experience of other transplant centers around the country that transplant patients are reluctant to uproot themselves from their home environments which provide the crucial psychosocial support necessary for follow-up care."

Within UK's patient population, an estimated 20 adults and four children/adolescents per year would be appropriate recipients out of the more than 125 potential candidates. According to UK's studies, the incidence of mortality from heart disease in Kentucky is 77 percent higher than the national rate.

Todd says UK's heart transplant patients will be adults suffering from acquired heart disease and will also include patients who have congenital heart disease. Heart/lung transplant patients will be those who suffer from pulmonary hypertension, a condition of abnormal high blood pressure in the lungs.

Besides Todd, the transplant team will include Gary F. Earle, M.D., assistant professor of surgery and a cardio-thoracic surgeon; three cardiologists; a cardiac pathologist; three pediatric cardiologists; an immunology team; an infectious disease team; and several anesthesiologists.



Dr. Edward Todd

The Kentucky Certificate of Need Authority on January 15, 1986, approved University Hospital's intention to develop a pancreatic transplantation program. Dr. Richard W. Schwartz, who is a UK clinical fellow/post doctoral scholar, is currently a transplant fellow/instructor in surgery, division of transplantation, Department of Surgery, University of Michigan Medical School. His fellowship runs from July 1985 to June 1987. Upon Schwartz's return to UK, he will carry major responsibilities in the development of the pancreatic transplantation program.

University Hospital's continuing evaluation of the feasibility of a liver transplantation program was also approved by the state Authority.

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*Mary Margaret Colliver is the external communications manager for the Chandler Medical Center. She regularly covers University Hospital as part of her assignment.*



# C L A S S N O T E S

## 1920s

**R.C. Kash '25** is practicing medicine in Lebanon, Tenn.

**Thomas D. Clark, '29, '69H**, emeritus professor of history at UK and at Indiana University, has been presented with the annual Richard H. Collins Award by the Kentucky Historical Society. The award, designed to recognize outstanding research and writing, was given for Clark's article entitled "Kentucky Education Through Two Centuries of Political and Social Change," which appeared in the Summer 1985 issue of *The Register of the Kentucky Historical Society*.

## 1930s

**John G. Donan '32** visited the Republic of China last September at the invitation of China Non-Ferrous Metals Corporation. He toured gold, silver and copper mines and refineries and exchanged information at Nanjing University and Hunan University at Changsha.

## 1940s

**Charles Edwin Bishop '47**, president of the University of Houston, has been elected to a position on the board of directors of InterFirst Bank-Fannin. An internationally recognized economist and educator, he has served four United States presidents in an advisory capacity, as well as the U.S. Air Force, the Tennessee Valley Authority, the U.S. Chamber of Commerce, the Organization for Economic Cooperation and Development in Paris and many Latin American universities.

**Barbara J. Bachmann '47**, an internationally recognized expert on the genetic stock of *Escherichia coli*, has received the J. Roger Porter Award of the United States Federation for Culture Collections. The curator since 1968 of the *E. coli* Genetic Stock Center at Yale, a world resource

for biomedical research, she is senior research scientist in the School of Medicine's department of human genetics and lecturer in the department of biology.

**Tom Gish '47 and Pat Gish '50**, owners of *The Mountain Eagle*, a weekly newspaper in Whitesburg, have been called "heroes" by *Newsweek* magazine in a special June 1986 edition honoring the 100th birthday of the Statue of Liberty. *Newsweek* lists the Gishes among 100 New American Heroes, under the headline, "The Eagle Still Screams in Whitesburg." The newspaper has battled political and economic oppression despite threats, boycotts and fire. The Gishes bought the newspaper in 1956 and moved to Whitesburg to escape the pressures of daily journalism; Tom after 10 years as the bureau manager for the United Press in Frankfort and Pat after eight years as a reporter for the *Lexington Leader*.

**George D. Wallace Jr. '48** has retired from NASA—Marshall Space Flight Center, Redstone Arsenal, Ala., after 32 years of service in management of engineering and scientific activities. He is presently employed as a senior systems analyst for Applied Research, Inc., Huntsville. He is a life member of the UK National Alumni Association.

**Othniel Alsop '49** has joined a New Orleans based consulting engineering firm, Denson Engineers Incorporated. He has 36 years experience in the oil and gas industry including 19 years with the Mobil Oil Corporation. He is a registered professional engineer and land surveyor in Louisiana, Texas, Mississippi and New Mexico. He holds Fellow member grade in both the American Society of Civil Engineers and the American Congress on Surveying and Mapping.

**H. Stanley White '49** has retired from Cadiz Railroad after 37 years service. He started as a

locomotive fireman on steam locomotives and served the railroad as president and general manager for 20 years. He has served as a director of the American Short Line Railroad Association of Washington, D.C., for the past 10 years. He is currently listed in "Who's Who in American Railroading and Transit" and is a member of the American Association of Railroad Superintendents. He lives in Cadiz.

**George A. Everette '49** has been honored by the University of Kentucky for his many contributions to Kentucky agriculture. The board of trustees named the conference center in the UK Research and Education Center Building at Princeton the George A. Everette Conference Center. Everette has devoted his professional life to the betterment of Western Kentucky agriculture and served as a dedicated extension specialist of agronomy in the College of Agriculture. He is a life member of the UK National Alumni Association.

## 1950s

**Tom Diskin '50** has retired from the *Las Vegas Sun* and has moved to Cincinnati.

**Thomas Clinton Morrison '50** has retired from Morehead State University where he was a professor of economics. Morrison, who went to MSU in 1969, has been dean of the former School of Business and Economics, as well as chair of the Department of Economics. He previously taught at the University of Connecticut. His professional activities have included membership in the American Economics Association and the American Farm Economics Association.

**Robert T. McCowan '51** is the chairman of the board for the National Petroleum Refiners Association (NPRA). Vice-chairman of the board of Ashland Oil, Inc., McCowan has served as a

member of the NPRA executive committee since 1981. He is also a former treasurer of the association.



McCowan began his career with Ashland Oil in 1951 and has served in numerous key executive positions and became president of Ashland Petroleum Company in 1974. He has held his current position since 1980. Long active in local and state affairs, he serves as the University of Kentucky's chairman of the board of trustees and received the University's Alumni Service Award in 1978. He is a life member of the UK National Alumni Association.

**Edward F. Hessel Jr. '52**, president of the Better Business Bureau in Louisville, is the state awards chairman of the Kentucky Committee for Employer Support of the Guard and Reserve. The committee's aim is maintaining good relations and understanding between local employers and members of the National Guard and Reserve Forces. He is also on the board of directors of the Kentucky Council on Economic Education.

**William T. Clark '53** has announced that he began retirement in October of this year. A professor of geography, he began teaching at Morehead State University in 1964. A former public school teacher in Lewis and Laurel Counties, Clark also taught at the University of Georgia, Indiana University, University of Pennsylvania and Auburn University.

**Patricia P. Givens '53** is the executive director of the Japan Society of Boston. Formerly of Hopkinsville, she went to Japan

early in her married life because her husband was a foreign service officer. There, she served as a placement officer for adoptive children for the International Social Service in Tokyo. While her husband was stationed in Washington, D.C., she served as president of the Washington-Tokyo Woman's Club, a group that included senior Japanese diplomats' wives. The Japan Society of Boston is the oldest Japan-America society in the U.S. Givens spoke at a seminar last July at UK on how to incorporate a Japanese way of life into the state of Kentucky.

**Billy L. Pack '53** is manager of electrical engineering in the Refinery Engineering Department of Ashland Petroleum Company. He is responsible for all electrical engineering and construction for Ashland's refineries. Ashland Petroleum Company is the largest operating division of Ashland Oil, Inc.

**B.D. McDonald '54** has been elected to the Bank of the Bluegrass & Trust Company board of directors. He is president and owner of Wilmac Pen Co. in Georgetown. He is a life member of the UK National Alumni Association.

**William Billiter '56**, staff writer for the Orange County edition of the *Los Angeles Times*, received two top honors in the Orange County Press Club writing competition. A past chapter president, he won first place for best breaking news story and first place for best series or package of stories. In addition to the *Times*, he has worked for *The Courier-Journal*, *The Louisville Times* and the *Kentucky Kernel*.

**Joseph R. Schwendeman '56, '57** is vice-president for administrative affairs at Eastern Kentucky University. He directs ten administrative divisions with more than 500 employees and a combined annual operating budget of more than \$17 million. His primary responsibility is to coordinate support services for the University's academic programs.

**Donald B. Mackey '56** is the manufacturing manager at

Ford Motor Co.'s Sharonville, Ohio, transmission plant. He joined Ford after a four year tour of duty with the US Air Force as a jet pilot.



**James Baker Hall '57**, an English professor at UK, was initiated as an alumni member into the University of Kentucky's Alpha of Kentucky Chapter of Phi Beta Kappa. Director of creative writing at UK since 1973, he enjoys a national reputation as a poet with work published in several journals. He has published two volumes of poetry, two novels, several shorter pieces, and has work appearing in six anthologies.

**John J. Elsner '57** has retired from Schenley Distillers, Inc., and has moved to Palm Beach Garden, Fla. He has also retired from the Air National Guard after 30 years of service. He is regional vice-president for the A.L. Williams Corp. in Palm Beach Gardens.

**Robert K. Taylor '58** has completed 30 years of teaching English and literature. He taught 10 years at Daviess County High School, four years at Kentucky Wesleyan College and 16 years at Owensboro Senior High School. He lives in Owensboro. He is a life member of the UK National Alumni Association.

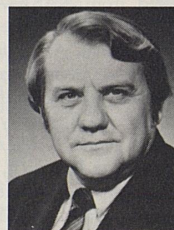
**Franklin W. Sanders '58** has retired from the Fayette County school system after being in charge of all federally funded programs for 19 years. He taught in Harlan for a year, and taught at Bryan Station High School in Lexington for three years as well as serving as principal for five years. He lives in Lexington.

**Donald H. Schmidt '58** is director of the personnel-admin-

istration department at The Travelers Companies in Hartford, Conn. He joined the companies in 1960 as a field assistant at Louisville. In 1967 he was made manager at Columbus, Ohio and served at Dayton, Ohio, and Rochester, N.Y. until 1984 when he was assigned to the home office in Hartford, Conn. He lives in West Suffield, Conn.



**Patricia S. Koppman '59** has been elected vice-president-elect, leading to president, 1988-89, of The International Reading Association. The association is a 65,000-member association dedicated to promoting literacy in the U.S. and around the world. She lives in San Diego.



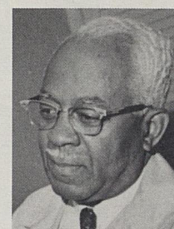
**Robert J. Seward '59** is the general manager of Witco Corporation's Concarb Division. He was most recently general manager of the company's Pearsall Division. He joined the Pearsall Chemical Corporation in 1976, four years before it was acquired by Witco. He lives in Houston, Texas.

**Julie Webb Corbett '59, '63** is the coordinator of instructional television for the Grosse Pointe schools in Michigan. A teacher in the Gross Pointe schools for 17 years, she has completed research during a sabbatical year in the area of instructional technology. Her

Ph.D. was awarded by Wayne State University.

## 1960s

**Linda Lyon Frye '60** is the first vice-president of the Kentucky Federation of Women's Clubs. She also serves as president of the Lake Cumberland UK Alumni Club and was very active in the Rallies for Higher Education that took place last fall and early winter. She is the first woman appointed to the Somerset Parks and Recreation Board and is now chairman of that board.

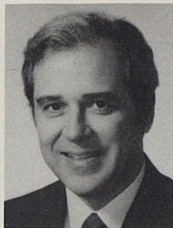


**Maurice Strider '60** received a 1986 Brotherhood Award from the National Council of Christians and Jews in Lexington. He was honored for his work helping inner-city youths as president of the Lexington Citizens for Cultural Development. Strider taught art classes at Morehead for 13 years after a 32-year career at Dunbar High School in Lexington, where he started art and black history courses. He has also worked as a staff correspondent and photographer for *The Pittsburgh Courier* and the *Louisville Defender*.

**James W. Stuckert '60, '61**, an executive vice-president with J.J.B. Hilliard, W.L. Lyons Inc., and a member of the firm's executive committee, is also manager of the over-the-counter department. He is a life member of the UK National Alumni Association.

**Jerome A. Stricker '61**, senior vice-president, treasurer and director of Gradison & Company Inc., is the chairman of the Kenton County Airport Board. The board is the governing body of

the Greater Cincinnati International Airport. He is a member of the Ohio and Kentucky Societies of Certified Public Accountants, the Securities Advisory Commission of the Kentucky Department of Banking and Securities and is a member of the Judicial Nominating Commission for the Supreme Court and Court of Appeals of Kentucky.



**Roderick J. Tompkins '61** is president of the 3,000-member Kentucky Society of Certified Public Accountants. He is a partner and member of the executive committee of the Western Kentucky regional accounting firm of York, Neel & Company. In 1985, he was appointed to a four-year term by Governor Collins to be a member of the advisory board of the Madisonville Community College.

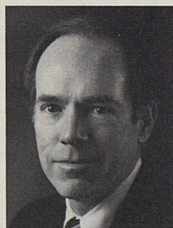
**John D. Baxter '62** was presented with the Dautrebande Prize by Queen Fabiola of Belgium last December. The prize is given every three years for contributions in human or animal pathophysiology. Baxter, the fifth recipient of the prize, and his research group were the first to use genetic engineering for the production of proteins and the first group to produce growth hormone. He is associated with the University of California in San Francisco.

**Henry S. Woford '62**, manager of data processing for Day Data Systems in Charlotte, N.C., has been awarded the highest professional designation in the systems field, "Certified Systems Professional." The CSP designation is part of a new certification program which establishes standards of knowledge and a code of professional conduct for those in the information management field. It requires

practitioners to undergo periodic recertification through continuing education.

**James V. Salzwedel '63** is the president of the Moravian Music Foundation. The foundation, located in Winston-Salem, N.C., was founded in 1956 to develop and perpetuate Moravian and related music. Salzwedel is pastor of Christ Moravian Church in Winston-Salem.

**Robert L. Howard '63** is director of the personnel-administration department at The Travelers Companies in Hartford, Conn. He joined the companies in 1964 as a service representative at Nashville, Tenn. He worked in San Antonio, Texas, St. Louis, Mo., and Des Moines, Iowa, before being assigned to the home office in Hartford in 1982 as manager. In 1984 he was appointed assistant director. He lives in Tolland, Conn.



**Robert A. Stokes '64** is manager of the engineering physics department at Battelle's Pacific Northwest Laboratories in Richland, Wash. He is responsible for the research activities of about 250 staff members and a \$35 million budget. He joined Battelle in 1972 as technical leader of the astronomy group. He later served as manager for the space sciences section and as associate manager for research for the geosciences research and engineering department. Much of his professional work has involved research in astrophysics.

**Carl A. Modecki '64** is president of Meritor Savings Bank, an Arlington, Va.-based savings bank with assets of \$832 million. He was a member of the Delta

Epsilon Chapter of Delta Tau Delta while at UK and is a life member of the UK National Alumni Association. He is married to **Francis Lynn Parli '65**.

**Thomas W. Tilt '64** is a Navy commander serving with Commander Naval Air Force at the Naval Air Station, Norfolk, Va.

**Edward A. Luce '65** is treasurer of the American Society of Maxillofacial Surgeons. He is associate professor of surgery (plastic) at the University of Kentucky. He was certified by the American Board of Surgery in 1972 and the American Board of Plastic Surgery in 1974.

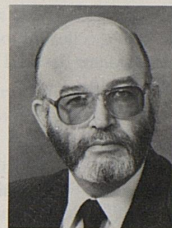
**Shyamal K. Majumdar '65** has edited, along with E. Willard Miller, a book dealing with issues and progress in the management of radioactive materials and wastes that has been published by the Pennsylvania Academy of Science. *Management of Radioactive Materials and Wastes* is a collection of papers contributed by leading experts from five countries and more than 15 states.

**James M. Jacobs '65, '67** is division controller of manufacturing and engineering for Corning (N.Y.) Glass Works. He joined Corning in 1967 and since 1983 has been finance manager, Gilford Instrument Laboratories, Inc., a unit of Corning Glass equity company.



**Dan Abbott '65** has been reappointed by Governor Martha Layne Collins to serve four more years on the Jefferson Community College advisory board. His new term on the board began January 1, 1986. He is vice-president for Corporate Properties at First National Bank in Louisville. He is a member of the

Jefferson County alumni club steering committee. In 1984, he received a distinguished service award from the UK National Alumni Association. He also was appointed to the UK Development Council last fall. Abbott was first appointed to the JCC advisory board in 1979.



**William M. Whitaker III '65, '68** is chair of the Department of Business and Economics at Morehead State University. One-time dean of MSU's former School of Business and Economics, he also served as acting vice-president for academic affairs from September 1984 to January 1985.

**William David Back '66** is a sales representative for Laidlaw Educational Publishers. He lives in Lexington.



**Larry S. Gaynor '66**, chief of Sanitation Facilities Construction Section, Indian Health Services, Bemidji, Minn., has returned from a three-week assignment to the Pan American Health Organization. He and three other IHS environmental health authorities provided technical assistance and made recommendations on improving drinking water in community systems in nine eastern Caribbean countries.

**Ellen Earle Chaffee '66** is the associate commissioner for academic affairs for the North

Dakota State Board of Higher Education. She previously served as the director of the organizational studies division of the National Center for Higher Education Management Systems in Boulder, Colo.

**Joseph Baird '66** has edited, along with Deborah S. Workman, *Toward Solomon's Mountain: The Experience of Disability in Poetry*. It is a collection of non-sentimental poems devoted to the theme of disability.

**Frank T. Dillard '67, '71** is an associate professor of military science at Duke University in Durham, N.C. He recently relinquished command of a U.S. Army infantry company in the 25th Infantry Division located at Schofield Barracks and completed the Army's Combined Arms Senior Service School at Fort Leavenworth, Kan.

**Dennie Burke '67** is the director of public affairs at Austin Peay State University. Prior to her appointment at Austin Peay she served as field representative for U.S. Representative Carroll Hubbard. She lives in Hopkinsville.



**Robert M. Guinn '67** is the director of Heery International's East Coast Health Facilities Practice Group. He previously served as a co-director of the Group which is a designer of hospitals and health-related facilities. He has been a member of the Heery firm since 1975 and has extensive experience in hospital design and planning.

**Jerome N. Davis Jr. '67** has been decorated with a second award of a Meritorious Service Medal at Maxwell Air Force Base, Ala. He is assigned to the Squadron Officer School.

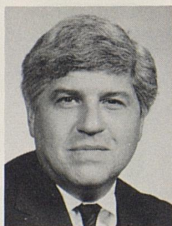
**Jack Buchanan '67, '70, '75** is a member of the board of directors of the Kentucky Council on Economic Education. The council is dedicated to increasing the quantity and quality of basic economics taught in the elementary and secondary schools of the state.

**Phyllis Herman '67** is the manager for IBM's community communications bureau covering a five state area—Ohio, Kentucky, Tennessee, Indiana, and West Virginia. She lives in Columbus, Ohio.



**Boyd Wainscott '67** is executive director of sales and marketing of the Agricultural Products Division of Stauffer Chemical Company. He lives in Cheshire, Conn.

**Pam Johnson '68** is with the Kentucky Attorney General's Office. She is director of the utility and rate intervention division, which is authorized by the Consumer Protection Act to intervene on behalf of consumers in utility rate cases.



**Harry M. "Mac" Zachem '68** is administrative vice-president of Ashland Oil, Inc. He is responsible for federal and state government relations and corporate communications.

**Marva Gay '69, '70** is vice president of the Kentucky Hospital Association in Louisville. As a

part of her job, she is also the managing editor of *Kentucky Hospitals* magazine. She lives in Prospect.



**John R. Barrickman '69, '70** is president and chief operating officer of Southern Federal Savings and Loan Association of Georgia in Atlanta. He has extensive teaching experience in economics, credit analysis and commercial lending. He has conducted seminars and strategic planning sessions for a number of banks, savings and loan associations and professional associations.

**Phillip M. Ratliff '69** is a lieutenant colonel serving in the Air Force Office of Public Affairs as executive to the director at the Pentagon.



**Glenn P. Glasgow '69, '74** is a professor of radiotherapy and head of the division of therapeutic physics in the Department of Radiotherapy at Loyola University's Stritch School of Medicine in Chicago. Prior to this appointment he was associate professor of radiation physics in radiology at Washington University in St. Louis.

**Ray K. Hammond '69** is a professor of biology and biochemistry at Centre College. He joined the faculty in 1972. He spent the 1980-81 academic year as visiting professor of biology at

Silliman University in the Philippines, and has lectured twice as visiting professor of biochemistry at St. George's University School of Medicine in the East Indies.

**Dale Wilson '69** is a vice-president projects manager with the Judy Construction Company in Cynthiana. He lives in Paris. He is a life member of the UK National Alumni Association.



**Richard L. Engstrom '69, '71**, a political science professor at The University of New Orleans, has been honored by the UNO Alumni Association with the "Excellence in Research" award. A specialist in contemporary Southern politics, he joined the UNO faculty in 1971.

**Patrick R. Lake '69** is director of Henderson Community College. He has been in the UK Community College System—which operates 14 colleges in the state—since 1972, both as a faculty member and administrator. Since June 1984, Lake has been associate director for academic affairs and student services at Jefferson Community College-Downtown Campus. Before that, he served five years as associate director for academic affairs at the Jefferson Community College-Southwest Campus. From 1969 to 1972, he taught biology and life sciences in the Russell Independent Schools.

**Robert E. Hall '69, '70**, branch chief of the Air and Energy Engineering Research Laboratory of the U.S. Environmental Protection Agency at Research Triangle Park, N.C., is serving on the 1985-86 national nominating committee of the American Society of Mechanical Engineers (ASME). He is a life member of the UK National Alumni Association.



**Freeman L. Johnson '69** is a lieutenant colonel in the Air Force. He lives in Alexandria, Va. He is a life member of the UK National Alumni Association.

## 1970s

**Paul J. Bayer '70** is an assistant chief of staff for the 1st Infantry Division in West Germany.

**Michael R. Nichols '70, '78** is the director of the UK Counseling and Testing Center. After working as a newspaper writer and photographer, Nichols was an academic counselor at Transylvania University. He also served as assistant dean at Hanover College in Indiana. A licensed psychologist, he was the first director of the Faculty Development Project at UK which provided workshops, seminars and fellowship grants to faculty members of small colleges throughout the Appalachian Region. He also teaches in the UK College of Education.

**Wendy Harmer Baldwin '70, '73** has been initiated as an alumni member into the UK Chapter of Phi Beta Kappa. Since 1972 she has been on the staff of the behavioral sciences branch of the National Institute of Child Health and Human Development in Bethesda, Md. She has been chief of the branch since 1979. As a research director she has achieved national recognition for her studies of teenage pregnancy. She was the UK sociology department's 1986 Distinguished Lecturer.

**Joe Ewalt '70, '72** is a member of the White House Press Corps as a reporter for United Stations Radio Networks.

**Job D. Turner III '70**, an attorney, is a partner in the Lexington office of Greenebaum, Doll & McDonald.

**Thomas G. Walker '70**, associate professor of political science at Emory University, is the recipient of the Emory Williams Distinguished Teaching Award

in recognition of his efforts in fostering participation, inquiry and creative expression among students, and for providing a role model for teaching and scholarship, and for serving as friend and counselor to students. He received the honor at the main commencement ceremony in May.

**James E. Gaines '70** has been selected as the National Helicopter Maintenance Officer of the Year. He is assigned to the Helicopter Combat Support Squadron Six, Naval Air Station, Norfolk, Va.



**Frances McMurtray Norris '70** is assistant secretary for legislation at the U.S. Department of Education. She was nominated for the post by President Reagan in December 1985 and was unanimously confirmed by the Senate in March 1986. As assistant secretary she is the secretary's chief advisor on all legislative matters. She is also responsible for liaison between the Department of Education and Congress. Before joining the Reagan administration, she was an assistant to the House Republican whip, Tret Lott (R-Miss.); a staff assistant to Congressman Lott on the House Rules Committee and, legislative assistant to Congressman G.V. Montgomery (D-Miss.).

**Gilbert A. McGoldrick '71** is the chief engineer at Square D Company's Oxford, Ohio, manufacturing plant. He joined the company as a draftsman in 1960. His prior position with the company was as research and development manager.

**Bobby W. Wise '71** is the vocational rehabilitation and counseling officer at the Veterans Administration Regional Office in Montgomery, Ala.

**Jess B. Scott '71** has been decorated with a second award of the Meritorious Service Medal at Wright-Patterson Air Force Base, Ohio. A captain, Scott is a plans and programs engineer officer with the Foreign Technology Division.

**Kathy Lepore '71** is assistant athletic director, Eastside High School in Paterson, N.J. She has been a health, physical education and driver education instructor at Eastside for the past 14 years. She completed her MA from New York University in 1984 and is continuing a sixth year program at NYU in sports administration.

**Lois Hill '71** is the senior renal dietitian at Dialysis Clinics Inc. in Lexington. She was selected Outstanding Dietitian of Kentucky by the Kentucky Dietetic Association. The award is presented annually in recognition of leadership and service to the profession of dietetics and nutrition.



**J. Michael Mansfield '71**, pastor of the Westville and Concord United Methodist Churches in Champaign County, Ohio, was ordained an elder in the United Methodist Church. Ordination as an elder in the United Methodist Church follows the completion of the educational and probationary process required by the denomination. With this ordination Mansfield has been given authority to preach the gospel, to administer the sacraments of baptism and Holy Communion, and all voting rights appertaining to an ordained United Methodist clergy person.

**Larry Berk '72** is the director of the learning resources center at Hudson Valley Community College, Troy, N.Y.

**Thomas H. Sims '72** owns and operates eight Captain D's Seafood Restaurants in Lima and Findlay, Ohio, Leesville and Alexandria, La., and in Lexington and Pikeville, Ky.

**Carla Humphrey Hay '72** is vice-president/president-elect of Phi Alpha Theta, an international history honor society. She is the first woman to hold this office.

**Larry J. Charney '72** is accounting manager for Winn-Kiki, Inc., a joint Japanese-American auto parts manufacturer, located in Crowley, Texas, a suburb of Fort Worth.



**J. Michael Brooks '72** is general manager for American Airlines at Chattanooga, Tenn. Brooks is responsible for all of American's passenger and air freight service activities at the Chattanooga airport. He has worked for the company for 13 years.

**Mary C. Dowe '73**, associate professor of nursing at UNC Chapel Hill, has received the Nicholas Salgo Distinguished Teacher Award for "teaching excellence as evidenced by classroom effectiveness and ability to motivate and inspire students." She joined the faculty in 1977.

**Larry W. Polston '73** was awarded the master of divinity degree from Southern Baptist Theological Seminary in Louisville last December.

**Dan Mohn '73** is the vice-president for development at Lees College in Jackson. He previously worked for the Internal Revenue Service for the past 11 years.

**Judith Goodspeed Willard '72, '75**, associate professor of

agriculture at Morehead State University, is chair of the department of agriculture and natural resources. She is a member of several professional organizations including the American Saddle Horse Breeders Association, Central Kentucky Horse Show Association, the Equine Physiology and Nutrition Society, and the American Society of Animal Scientists. She is a life member of the UK National Alumni Association.

**Linda Mills Marquis '72, '73, '78** is chairman of the department of accounting at Northern Kentucky University. She currently serves as a director for the Northern Kentucky UK Alumni Club.

**Roger Walker '72, '74** is an associate professor at the University of Minnesota Technical College. He joined the UMW faculty in animal science in 1974 and teaches courses in livestock evaluation, swine production, meat and livestock products, swine breeding, principles of animal breeding. He also coaches the livestock evaluation team.

**William E. Adams Jr. '73** has opened Central Apothecary in the Central Medical Plaza II in Lexington. He was most recently director of pharmacy services at Central Baptist Hospital. He is a life member of the UK National Alumni Association.

**Mark W. Johnson '73** is in the hot-air balloon business in Pinellas Park, Fla. He has been flying balloons for eight years and has over 850 hours of flight time. He spent this summer in Bellingham, Wash., flying tourists to Expo '86 in Vancouver, B.C. Johnson, who has flown corporate balloons in 25 states, calls his business The Balloon Depot.

**Michael L. Patterson '73** is the western Kentucky/Tennessee division sales manager with GTE. Patterson, who has been with GTE for eight years, lives in Elizabethtown with his wife, **Linda Dilly Patterson '73**, a kindergarten teacher at G. C.

Burkhead Elementary School in Hardin County.

**Daniel James Garland IV '73** has received the doctor of ministry degree from Southern Baptist Seminary in Louisville.

**Frank Campigotto '73** is the assistant operating superintendent at Ashland Petroleum Company's number two refinery in Catlettsburg.

**George L. Maxwell Jr. '74** is the area supervisor for Kentucky and Tennessee for Durham Life Insurance Company of Raleigh, N.C. Maxwell, in charge of the credit life department, will continue to live in Louisville. He is a life member of the UK National Alumni Association.



**Mike King '74** is the Louisville area manager for Philip Morris USA. He was previously an assistant division manager. He is responsible for the sale and marketing of Philip Morris tobacco products with distributor, vendor and chain accounts in southern Kentucky. He joined Philip Morris in 1978 as a sales representative.

**John G. Pearce '74** is the director of the Indianapolis region of HealthAmerica Corporation, supervising the company's health maintenance organization (HMO) plans in Ft. Wayne, Indianapolis, and in Louisville and Lexington, Ky. Pearce oversees the medical and business operations of the two Indiana and two Kentucky plans, which include more than 150,000 members. He is based in Indianapolis.

**James D. Jones '74** is the operations manager of Valvo-

line's Cincinnati plant. He began working for Ashland Oil Inc. in 1974. Previously, he was manager of plant engineering in Cincinnati.

**B. J. Dollase '75** is the director of special arts projects for the Kentucky department of arts. She spent nine years in New York City before returning to Kentucky. In New York she got an introduction to the movie business at Citibank as a lender and financial products marketer to broadcasters, producers and cable television operators. In 1984, the state's Film Office had its busiest year ever, helping plan and produce 21 film projects.

**Donald Eckrich '75**, an associate professor and chairperson of the department of marketing at Ithaca College in New York, has been granted tenure. He was an assistant professor of marketing at Southern Illinois University-Carbondale from 1975 to 1977, and a professor of management/marketing at Illinois State University from 1978 to 1984.

**David Bailey '75** is the regional sales manager for the Miller Brewing Company's southern pacific region. He is responsible for supervising and training area managers in Las Vegas, Nevada, Arizona, New Mexico and Hawaii. He also coordinates sales and marketing of Miller Brewing Company products in those states. He joined the company in 1979.

**Charles E. Jones '75**, an account executive at the Sarasota, Fla. branch of Raymond, James & Associates, Inc., member of the New York Stock Exchange, has been named to the firm's 1986 President's Club in recognition of meritorious professional growth and continued maintenance of high standards of service to his clients.

**T. H. Gasper Jr. '75** is the interim associate executive director of the State Board of Technical Comprehensive Education, in Columbia, S.C. His wife, **Sarah Gilbert Gasper '76** is the coordinator of vocational educa-

tion at Winthrop College in Rockville.

**James R. Ackinson '75**, is the director of finance and administration for the Kentucky Housing Corporation in Frankfort. Before joining the firm in 1980, he was a certified public accountant for Coopers & Lybrand in Louisville.



**Jewel Lewis Shane '76**, the founder of Lewis Shane CPA in Cincinnati, has been appointed by the mayor as a trustee to the board of the Cincinnati Museum Association. The Museum Association is the parent institution for the Cincinnati Art Museum and the Art Academy of Cincinnati.

**Michael D. Johnson '76** has received a doctor of education degree from Southern Baptist Theological Seminary in Louisville.

**Kenneth Wayne Day '76**, vice-president and treasurer of Carey Construction, Inc., has been awarded the Certificate in Management Accounting. To earn the certificate he had to show proficiency in many facets of accounting and financial management.

**James Marlow Catlett '76**, senior manager, corporate accounting, for Jerrico, Inc., has been awarded the Certificate in Management Accounting. He successfully completed a comprehensive examination on accounting and related subjects and satisfied the required two years of management accounting experience.

**Lynn Ann Byall '76** is marketing director for the interior architecture/space planning firm of Kasler & Associates, Inc., with

offices in Cincinnati and Indianapolis. She has been involved recently as project coordinator of a series funded by the Kentucky Humanities Council, "Contemporary Kentucky Authors: Their Kentucky." The series featured readings by such well-known Kentucky writers as Harlan Hubbard, Wendell Berry '56, '57, '86H, James Baker Hall '57, Gurney Norman '59, Ed McClanahan '58 and Alan Moorer. The readings were held at the Behringer-Crawford Museum in Covington. It is hoped that it will become a regular event.

**Richard M. Krolkoski '76** is a major in the U.S. Air Force. He is charge nurse of the obstetrical unit at Edwards Air Force Base Hospital, Calif.

**Frank M. Licardi '77** is a territory manager for Shell Oil Company—marketing and refining. He is married to **Susan Parton Licardi '77** and they are the proud parents of Nicole, who is three years old. They live in Minnesota.

**Harold Ownby '77** is the chief of dental service at the Lexington VA Medical Center, where he has been employed since June 1977.

**David K. Girdler '77** is the senior plant engineer of Mallinckrodt, Inc., a chemical processing plant located in Paris. Prior to this position he was employed by Kentucky Electric Steel Co., of Ashland.

**Mike Thieneman '77** is director of corporate procurement quality for Whirlpool Corporation. He joined Whirlpool in 1977 as a project engineer at the refrigeration group and has moved through the ranks to his present position. He lives in St. Joseph, Mich.

**David A. Vanderhoof '77** has completed basic training at Fort Dix, N.J.

**Julio R. Zabala '77** is a U.S. Navy lieutenant assigned to duty aboard the frigate USS

Sample, homeported in Long Beach, Calif. He joined the Navy in 1982.

**David James Heggem Jr. '77** is the assistant director of campus programs at the University of Alabama. He also completed a doctorate in education in August.

**Silas Clinton Hart '77** is an airline pilot with Northwest Orient Airlines. He lives in Apple Valley, Minn.

**Cheryl A. Peevy '77** is an assistant professor of Spanish at Catawaba College in Salisbury, N.C. She was assistant professor of modern languages and literatures at the College of William and Mary before joining the Catawba faculty.

**Suzanne M. Lenhart '78, '81** is an assistant professor of mathematics at the University of Tennessee. She has just been awarded a National Science Foundation research grant for work in partial differential equations. She also has announced that she was married last spring to Peter V. Andreae.

**Paul L. Walen '78** is a partner in the law firm of Kidney and Whalen with offices located in Newport. He formerly practiced law in Parkersburg, W. Va. A free lance writer, his most recent article was published in the January issue of *Back Home in Kentucky* magazine.

**A. Stuart Bennett '78** is an attorney and lives in Lexington. He is a member of the UK National Alumni Association.

**Patrick K. Farra '78** is on duty with the Marine Aviation Training Support Group, Naval Air Station, Corpus Christi, Texas.

**Judy Griffin '78** is the vice-president of the American Business Women's Association's District IV. Formerly the director of corporate and foundation relations, Office of Development, for the University of Kentucky, she is now vice-president for ex-

program that was implemented this fall.

**Holly M. Stone '78, '83** is serving as an assistant staff judge advocate, 13th Air Force, Clark Air Base, Republic of the Philippines.

**Cynthia L. Kamuf '78** is an investment specialist for the David K. Locy, CLU Agency of the New England Mutual Life Insurance Company in Cincinnati. She most recently held the position of financial consultant with Shearson Lehman Brothers.

**Michael D. Hines '78**, a captain in the U.S. Army, is serving in the Assistant Division Engineering Office on the 101st Airborne Division staff at Fort Campbell.

**Joseph Robert Barnes '78** is a manager with Peeland Holland, Inc., a commercial insurance company. He lives in Benton.

**Michael King '79** has changed his career field from microbiologist/medical technologist to computer systems engineer, and is now working in Washington, D.C. for Electronic Data Systems. Classwork continues at George Mason University for a master's degree in computer science.

**Margaret I. LaFontaine '79** is the director of intramurals and assistant athletic facilities manager at St. Joseph's University in Philadelphia, Pa. She received her master's degree in athletic administration from Eastern Kentucky University in May, 1985.

**Betty M. Porter '79, '81, '84**, the chair of Morehead State University's Department of Nursing and Allied Health Sciences, was honored by the Kentucky League of Nursing as Nurse Educator of the Year. She taught at MSU from 1971 until 1979 and returned to the campus in 1983 to head the department. She oversees the department's two-year nursing program, the radiologic technology program and the new four-year nursing

program that was implemented this fall.

**LuAnn Holmes '79** was presented with the Presidential Citation Award for outstanding contribution to the Pennsylvania West Chapter of the American Society of Interior Designers. She is an account representative with Franklin Interiors, Pittsburgh, Pa.

**Cole Anderson '79** is an obstetrician and gynecologist in practice in Brevard, N.C. He had completed a two-year tour of duty in West Germany with the U.S. Air Force before moving to Brevard.

**Steven K. Gaer '79, '83** is a graduate of Drake University Law School and has passed the Iowa Bar Exam. He is working with a Des Moines law firm.

## 1980s

**Sally K. Gaer '80, '83** has passed the Iowa CPA exam and works for the Meredith Corp. of Des Moines as an internal auditor.

**Gregory K. Bizzell '80** has been promoted to the rank of sergeant in the U.S. Army. He is a computer programmer in Alexandria, Va., with the Army Military Personnel Center.

**Daniel R. Mays '80** is on duty with the 501st Missile Security Squadron, England. An Air Force captain, Mays was previously assigned at Langley Air Force Base, Va.

**Mark W. Browning '80, '84** is an attorney in Charleston, W. Va. with the law firm of Shuman, Annand and Poe. He previously was employed in the legal department of First Security National Bank and Trust Co. in Lexington.

**Brian E. Gaffin '80** participated in Team Spirit '86, a Republic of Korea/United States Combined Forces Command sponsored exercise held in South Korea. Gaffin is an assistant bri-

## Hamilton-Smith-Ducas

A trio of early '80s fraternity brothers has become a trio of mid '80s business partners. Carl Hamilton '82, Charles Ducas '82, and Gary Smith '83 lived together in the Kappa Alpha fraternity house at UK during the early 1980s. They are good friends and have agreed that going into business together won't be allowed to come between that friendship.

Actually they have combined two existing businesses to become partners. Originally Hamilton was the sole owner of Hamwear, a line of boxer-style sportswear shorts for girls and women that are very much in vogue now. And Smith and Ducas had the franchise for White Mountain Creamery, a popular ice cream shop near the University of Kentucky campus.

Last winter the men decided to merge the two businesses and share the risks and the profits. In doing so they combined Smith's finance and accounting skills, Hamilton's salesmanship, and Ducas' strengths in managing employees and dealing with customers.

"We decided to risk it," Hamilton says. "We're all in our mid-20s, and we really haven't built up enough to lose."

The combined venture became Entreprcept Inc.—short for Entrepreneurial Concepts.

After graduating from the University—Smith with an accounting degree, and Hamilton and Ducas with marketing degrees—they went separate ways. Ducas took a market management job with Procter and Gamble Co.; Smith joined the Boston office of Arthur Anderson & Co., a big eight accounting firm, and Hamilton started Omega Advertising, an electronics sign company in Winchester, which he has since sold.

Hamilton began working with a designer for Hamwear after he noticed college students wearing boxer-style shorts over other clothing at a football game a few years ago. He says that getting in to see the fashion buyers for the department stores was the hardest part of getting started. His persistence has paid off and the shorts are in several leading stores. He is looking forward to the 1987 spring-fashion season with plans to introduce a boxer-style mini-skirt line.

Ducas and Smith joined forces early in 1985 as White Mountain Creamery franchisees. Ducas describes himself as a "people" person and likes to work in the ice cream shop with the crew, making the ice cream and serving customers. Smith says he "sits around for seven hours at a time at the calculator" figuring the bottom line.

The trio plans to continue to work in fashion and ice cream, and then, when the time is right, involve themselves in other business ventures.

Entrepreneurial Concepts is on the move and the trio moving it has energy and ambition enough to keep that momentum going.

gade logistics officer with the 9th Infantry Division at Fort Lewis, Wash.

**Carl A. Hulsewede III '80** is on duty with the 69th Armor division in West Germany. He is a procurement and supply officer.

**Julie Charles Antle '81** is a director of Ann Thomas Moore, Inc., of Houston, a firm specializing in written and print communications. She was formerly a programming specialist with Kentucky Educational Television. Antle has been in Houston since 1982.

**Gwenneth C. Simmonds '81** is on duty with the U.S. Army at the 34th General Hospital, West Germany. She is a clinical head nurse.

**Donald R. Williams '81**, an Air Force airman 1st class, is on duty with the 2046th Information Systems Group, Wright-Patterson Air Force Base, Ohio. He is a weather equipment specialist.

**L. John Tipton II '81** is a project engineer with Gutierrez, Smouse, Wilmut and Associates, Inc., a Dallas, Texas, firm. He previously was employed by the U.S. Army Corps of Engineers, Ft. Worth, Texas, district.

**Donald R. Williams '81** is a graduate of the U.S. Air Force weather equipment course at Chanute Air Force Base, Ill.

**Russell Barry Glenn '81** of Greenwood, S.C., was selected as an Outstanding Young Man of America for 1985. Selections are made on the basis of demonstration of excellence in professional endeavors and civic activities. Glenn is headmaster of Cambridge Academy. He is also president of the Palmetto Association of Independent Schools, board member of the South Carolina Independent School Athletic Association, and a member of the Greenwood Rotary Club.

**John W. Scott Jr. '81** has joined the accounting firm of Eskew & Gresham as a staff

assistant in the Louisville office. Before joining the firm, Scott was a senior auditor for the Kentucky Department of Revenue.

**Donald D. Conklin '81** won the Air Force Systems Command (AFSC) 1984 Roland R. Obenland Engineering Award for his work while assigned as an avionics engineer in Aeronautical Systems Division's Deputy for Engineering Office at Wright-Patterson Air Force Base in Ohio. He received the award in December of 1985.

**Ronald Kondoff '81** is planning to open a dental practice in Virginia. He is an active member of the UK National Alumni Association.

**Sue Feamster '81**, the assistant athletics director at UK, is taking a leave of absence to serve as executive director of the Bluegrass State Games. In only its second year, Kentucky's games are the second largest such competition in the country. Feamster who was the first woman to serve on the Southeastern Conference Executive Committee (1981-84), is currently president of the SEC women athletics directors group.

**Tommy Elliott '81** is the chief operating officer of Republic Savings Bank in Elizabethtown. Prior to joining Republic Savings, Elliott was employed by the Bank of Magnolia for five years.

**Peggy Goodwin '81** is vice president of patient care at Central Baptist Hospital in Lexington. She has been with Central Baptist since 1977 and previously was associate director of nursing services.

**Pat Borg '81** is the sales manager of Frances Whitman Realty. A licensed broker, she has been a sales associate with the company for three years.

**David M. Thomas '81**, a second lieutenant in the Army, has completed a signal officer basic course at the U.S. Army Signal School, Fort Gordon, Ga.

**Brian Thomas Evans '81** is a budget manager for Trane Company in Onalaska, Wis.

**Ricky Dallas Jones '81** received the master of divinity degree from Southern Baptist Seminary in Louisville in May.

**Nancy L. Joseph '81, '85** is an instructor of nursing with the department of baccalaureate nursing at Eastern Kentucky University. Formerly an instructor at Morehead State University and staff nurse at Central Baptist Hospital in Lexington, she is also serving as advisory board chairman for Delta Gamma sorority at UK.

**Craig J. Petrun '81, '83** works with IBM in Bethesda, Md., as an advisory human factors engineering psychologist. He was formerly with the IBM plant in Lexington.

**Allen K. Lowe '82** has received the master of divinity degree from Southern Baptist Theological Seminary in Louisville.



**Andrew L. Caudill '82** has been commissioned a second lieutenant in the U.S. Air Force after graduating from Officer Training School at Lackland Air Force Base, Texas. He is assigned at Columbus Air Force Base, Miss.

**Douglas E. Browning '82** is an assistant controller in Charleston, S.C., for the Hospital Corporation of America at the Trident Regional Medical Center. A CPA, he has worked for HCA at hospitals in Ft. Lauderdale and Tampa, Fla.

**Jeffrey R. DeBeer '82** is on duty with the 3rd Marine Air

craft Wing, Marine Corps Air Station, Yuma, Ariz.

**Brian J. Potts '82** has completed an equipment storage specialist course at the U.S. Quartermaster School, Ft. Lee, Va.

**Jonathon R. Norris '82**, an attorney, is a partner in the Lexington office of Greenebaum Doll & McDonald.

**Stephen C. Mullins '82** participated in Team Spirit '86, a Republic of Korea/United States Combined Forces Command sponsored exercise held in South Korea. Mullins is an intelligence operations specialist with the 548th Reconnaissance Technical Group at Hickam Air Force Base, Hawaii.

**Richard F. Saunier '82** has completed basic training at Fort Jackson, S.C.

**Lawrence S. York '82** is vice-president, investments, for Dean Witter Reynolds. He joined the firm in February 1984.

**Amos Hubbard Jr. '82** has completed basic training at Fort Leonard Wood, Mo. During the training, students received instruction in drill and ceremonies, weapons, map reading, tactics, military courtesy, military justice, first aid, and Army history and traditions.

**David A. Mullins '82** has received the master of divinity degree from Southern Baptist Theological Seminary in Louisville.

**William C. Fenwick '82**, a Marine 1st lieutenant, was a participant in the multinational exercise, Sardinia '86. A combined landing force, involving U.S., Spanish, French and Italian forces, conducted amphibious operations to seize a beachhead in the vicinity of Capo Teulada, Sardinia, Italy, in preparation for subsequent missions. Fenwick participated in establishing a beach support area, providing combat service support and land-

ing support. He is serving with the 26th Marine Amphibious Unit, Camp Lejeune, N.C.

**John D. Clay '83** is a materials control analyst with IGW Systems, Inc., an aerospace/defense contractor. He and the former **Kathy Ann Walters '83** were married in October of 1985. She also received her M.A. in gifted and talented elementary education from ECU and teaches in Warren Township, Ind.

**David Conway '83** has been included in the 1986 edition of *Who's Who Among Students in American Universities and Colleges*. He is the student pastor of Waddy Christian Church and a student at Lexington Theological Seminary.

**Rayvon E. Renolds '83** was interviewed on the CBS Morning News last November as part of a series, "Made in America." The Owensboro native discussed his "entrepreneurship" while he was an undergraduate student at UK including the founding of UK's Student Agencies and the development of several private business ventures. UK student agencies is composed of students who perform such services as quick copy printing, house painting, photo developing, and selling "finals survival kits" among other services. Renolds also has been featured in *Success* magazine.

**Bill Toney '83** is a petroleum geologist with Nesbitt Engineering in Lexington.

**Mike Gabbert '83** is assistant vice president and loan officer for the Bank of the Bluegrass in Lexington.

**Doug Cull '83** has joined Manuel D. Mayerson Associates Inc., in Cincinnati, as an investment specialist for the full-service real estate firm.

**Herbert E. Butler Jr. '83** is the assistant supervisor for bridges and buildings for the Seaboard System Railroad. He lives in Evansville, Ind.

**Bruce Allen Underhill '83** has received the master of divinity degree from Southern Baptist Seminary in Louisville.

**Carol L. Walker '83** has completed Officer Indoctrination School at the Naval Education and Training Center, Newport, R.I. While attending the six-week course as a newly-commissioned officer, Walker, a dentist, was prepared for duty on the Naval staff.

**Lea Wise '83**, a former Lady Kat All-SEC guard, is the head basketball coach for the Lady Colonels of Centre College in Danville. In two years she guided the team into the limelight. Last year the Lady Colonels posted their first winning season since 1977, an 18-4 record including the post-season conference tournament championship. Wise also coaches the women's softball team and teaches physical education classes.

**Michael Majority '84** flies T-38's for the U.S. Air Force. He is assigned to Shaw Air Force Base in South Carolina.

**Stephen H. Jett '84** was awarded silver wings after graduating from U.S. Air Force navigator training at Mather Air Force Base, Calif. He is serving in Boise, Idaho.

**Robert L. Combs '84** was graduated with honors from recruit training at Recruit Training Command, Great Lakes, Ill. He was commended for his outstanding performance in all phases of training, which included instructions in seamanship, military regulations, close order drill, first aid and Naval history.

**Tyrone C. Kirk '84** has received the parachutist badge after completing the three-week airborne course at the U.S. Army Infantry School, Fort Benning, Ga.

**William E. Bassett '84** was involved in a NATO-sponsored exercise by participating in the Army's return of forces to Ger-

## Reaching Another "Stage"



Kevin Hardesty graduated in May '86 with a bachelor of fine arts degree in theater, his Actors Equity card and a role in Neil Simon's new play.

One could say graduation has definitely meant achieving 'a new stage' where Hardesty can begin his professional career.

The Lexington native won the 1986 Irene Ryan Scholarship for college actors during the recent American College Theater Festival at John F. Kennedy Center in Washington, D.C.

The audience included nationally-known casting directors, theater executives and agents. As a result, Hardesty was offered an audition with Simon's company and earned a role in "Biloxi Blues," performing with Peninsula Players of Wisconsin.

Acting in "Biloxi Blues" this summer under the direction of the playwright's daughter, Nancy Simon, guaranteed him membership in Actors Equity, the stage actors union. That same membership could require up to 50 weeks of non-paid work to earn otherwise.

Hardesty has been in many UK productions and is a familiar face to Lexington audiences at Theater Downunder and Junkyard Players.

To win the Ryan Scholarship, Hardesty performed a monologue from Shakespeare's "King Henry VI" and a dialogue with fellow UK student Paul Mullins from "American Buffalo." Hardesty competed with 11 other regional winners in the Washington finals.

He says the contrasting characters he portrayed helped show judges his range of ability.

The son of Lee and Patricia Hardesty, the young actor's first stage performance was a poetry reading in his junior year at Lexington Catholic High School.

He entered UK in 1982 as an undergraduate studying political science and considering law school, but changed to theater. "I figured there were enough lawyers," he jokes. "There may be too many actors—but at least it's more fun."

"I think of acting as an honor—something not everyone gets to do," says Hardesty. "It's also a very healthy 'escape.'"

Hardesty almost left Lexington for New York City last year, but his father convinced him to complete college. "I'm glad I did, as it's been a very productive year," Hardesty notes.

Though other roles brought popular approval, Hardesty feels his best work was a production of an original script in which he played a hustling, New York speed freak. "That role required me to stretch for the character—further than most others I've had."

After the summer with "Biloxi Blues," it was on to New York to find an agent, a job and the future.

His plan is simple—but not easy. "I'll give acting everything I've got for at least 10 years," says Hardesty. "By then I'll know if this is right for me."

many (REFORGER) and the Air Force's Crested Cap exercises. The exercises are designed to develop uniformity of doctrine, standardize procedures for rapid response to a crisis and demonstrate solidarity in commitment to NATO goals and objectives. Bassett is a company commander with the 63rd Armor Division, Fort Riley, Kan.

**Timothy S. O'Mera '84** is working with Xerox Corporation in their sales force. At UK he served as the executive director of the Student Government Association during the 1983-84 school year, and was awarded the 1984 "Outstanding Service Award" by the SGA.

**Timothy J. Skinner '84** has graduated from the U.S. Air Force munitions officer course at Lowrey Air Force Base, Colo.

**William Scott Smith '84** is the vice-president of Bill Smith Outdoor Advertising Co. He lives in Owensboro.

**Mark W. Romanowitz '84** has completed the Navy's Communications Officer Afloat Course. He joined the Navy in September, 1984.

**William C. Gilbert '84**, a civil engineer, is the first recipient of the newly established Howard K. Bell Graduate Fellowship. Gilbert is working on a master's degree in civil engineering specializing in hydraulics and hydrology. The \$2,500 fellowship will be awarded annually to a Kentucky resident who has a bachelor of science degree in engineering from UK and is interested in a career as a consulting engineer. Gilbert, a native of Vine Grove, worked for National Cash Register Co. in Florida, returning to Kentucky in 1980. He received an associate degree in engineering from Elizabethtown Community College in 1982 and his bachelor of science degree from UK in 1984. He now calls Lexington home.

**Mark S. Renfro '84** is working for WKYT-TV channel 27 in Lexington as a news photogra-

pher and is assistant scoutmaster of Troop 911. He would welcome calls from any other news professionals to talk "shop."

**Brenda A. Bryan '84** is a producer/reporter for WYMT-TV in Hazard. She was selected as one of the Outstanding Young Women of America for 1985. Ten are selected nationwide each year.

**Louis P. Rowe Jr. '84** is serving with the 20th Bombardment Squadron, Carswell Air Force Base, Texas. Rowe is a pilot.

**Dan M. Ruparel '84** lives in Fort Collins, Colo. and is a database specialist, systems analyst and federal contracts coordinator for 3CI.

**Robert Kaiser '84** won two first place awards last summer as a staff writer for the *News-Enterprise* in the annual Metro Louisville Journalism Awards competition. He was selected based on his coverage of a planning decision made by the Hardin Fiscal Court in the deadline reporting category, and for a feature story he did. Kaiser teamed with staff writer **Sharon Wright Johnson '71** to win first place in the Continuing Coverage category for their reports of a murder trial in Elizabethtown.

**Stanley E. Engle '84** is an ensign in the U.S. Navy. He joined the Navy in 1984.

**Jay H. Hall '84**, a first lieutenant in the U.S. Army, is with the 61st Maintenance Company in South Korea.



**Elizabeth R. Hunt '85** has joined the General Electric Research and Development Center

as a chemical engineer. She lives in Schenectady, N.Y.

**James H. Duncan III '85** has completed the field artillery officer basic course at Fort Sill, Okla.

**Bradford C. Hawkins '85** is with the 38th infantry in Korea.

**Stephen R. Schaefer '85** is a second lieutenant in the U.S. Air Force. He is at Wright-Patterson Air Force Base, Ohio.

**Philip A. Pipes '85**, a second lieutenant in the Marines Corps, has graduated from basic training. While attending the Basic School at Quantico, Va., Pipes was prepared, as a newly-commissioned officer, for assignment to the Fleet Marine Force and given the responsibility of a rifle platoon commander.

**Paul G. Palmer '85** has received the parachutist badge upon completion of the three-week airborne course at the U.S. Army Infantry School, Fort Benning, Ga. He is serving with the 17th Field Artillery Battalion in South Korea.

**John H. Pope Jr. '85** has completed the field artillery officer basic course for the Army National Guard at Fort Sill, Okla.

**James M. Hollern '85** is on duty with the 2nd Armored Division, Fort Hood, Texas. A company fire support officer, he was previously assigned at Fort Sill, Okla.

**Michael D. Fennell '85** has completed the field artillery officer basic course at Fort Sill, Okla.

**Raymond W. Shaughnessy '85** has graduated from the U.S. Air Force space operations course at Lowry Air Force Base, Colo.

**Jimmy D. Rogers '85** has completed an armor officer basic course at the U.S. Army Armor School, Fort Knox.

**John D. Galbraith '85** has graduated from Officer Training School at Lackland Air Force Base, Texas. He is now assigned to Los Angeles Air Force Station.

**James W. Worley Jr. '85** has been commissioned a second lieutenant in the U.S. Air Force after completing Officer Training School at Lackland Air Force Base, Texas. He is assigned to Kirtland Air Force Base, N.M.

**James R. Willett '85** is with the 37th Field Artillery, Fort Sill, Okla. He is an artillery officer.

**Joseph M. Nolan '85** has completed an armor officer basic course at the U.S. Army Armor School, Fort Knox.

**T. Kevin Anderson '85** has joined Eskew & Gresham, PSC, as a staff accountant. He is a member of the UK National Alumni Association.

**Joseph G. Fawcett '85** is a second lieutenant in the U.S. Air Force.

**Garry Bibbs '85**, a UK art instructor, has been awarded a \$20,000 Ford Foundation post-graduate minority fellowship to study at the School of The Art Institute of Chicago. While in Chicago, Bibbs will study the work of other artists and continue to produce sculpture and monoprints—a process where colors and textures are applied using a single printing plate.

### *Former Students and Associates*

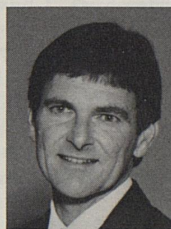
**Wade Jefferson**, a Lexington Realtor, is president of the 8,600-member Kentucky Association of Realtors. He is a life member of the UK National Alumni Association.

**O.A. Bakhaus** has been appointed a voting member of the board of directors of Citizens Union National Bank. He first joined the board in 1952 and became a director emeritus in 1979. He is president of

Winmar Corp., a real estate development company, and is a vice president of Bennie Robinson Inc., wholesalers in Lexington.

**Kim Kays** owns 14 California Waterbeds stores in four states. He worked with a friend in water bed manufacturing before he opened his first store in Lexington in 1978.

**William W. Bowdy** is the commissioner of the American Institute of Certified Planners (AICP). AICP is the educational and professional institute of the American Planning Association. Before he was executive director, Bowdy was assistant director of the Tri-County Regional Planning Commission in Akron, Ohio. He is an adjunct faculty member of the University of Kentucky and Northern Kentucky University.



**David E. Norton**, senior engineer with General Electric Major Appliance Business Group in Louisville, has named the University of Kentucky as the recipient of a \$10,000 contribution in conjunction with Norton's selection as a winner of the GE 1985 Charles P. Steinmetz Award for technical achievement. Norton, whose son Steve is a student at UK, received the award for his wide-ranging expertise in production technology, which has benefited the company in everything from missile parts manufacturing to dishwasher factory automation.

**Charles V. Blair** is president of Blair Corporation Mortgage Bankers in Lexington. He is also known locally as the leader of the Men of Note band and as a gourmet cook.

**John T. Danner** says that he

was called away from UK by the U.S. Navy and then finished his degree in biology and chemistry at the University of Cincinnati and earned a masters degree from Xavier University. He is now in charge of all purchasing at Sun Chemical Pigment Division in Cincinnati . . . and "still a True Blue Cat Fan!"

### *Necrology*

The UK National Alumni Association expresses sympathy to the families and friends of these alumni.

**Edith Isaacs Weil '09**  
Lexington  
June 25, 1986

\***Elizabeth Ann Fried '13**  
Hollywood, Fla.  
April 10, 1986

**Elmer Mahan Thomas '13**  
Williamsburg  
November 1, 1976

**Natalie Wood Bailey '15**  
Lexington  
March 20, 1986

\***Nancy Fielding Pilcher '15**  
Clearwater, Fla.  
February 22, 1985  
Life member

**James Homer Moore '16**  
Madisonville  
Date unknown

\***Ruth Elizabeth Mathews '18, '33**  
Lexington  
January 1, 1986  
Life member

\***Ada Hardesty Edwards '19**  
Ft. Thomas  
April, 1981  
Life member

**Victor P. Dalo '19**  
Louisville  
Date unknown

**Edward Everett Elsey '20**  
Lexington  
December 16, 1985

**Thomas D. Grubbs '20**  
Pompano, Fla.  
January 28, 1986

**John Paul Head '20**  
Lyndon  
Date unknown

\***Marianne Devereaux DeBoor '21**  
Lexington  
December 15, 1985

<p><b>Carrie Goldenburg '22</b> Vanceburg Date unknown</p> <p><b>*William Goebel Finn '23</b> Silver Spring, Md. January 14, 1986 Life member</p> <p><b>*Samuel H. Ridgway Jr. '23</b> Louisville June 30, 1986 Life member, Century Club, UK Athletic Leadership &amp; Service Award, former Alumni Board member</p> <p><b>Earle W. Baughman '23</b> Tuscaloosa, Ala. March 27, 1984</p> <p><b>*John Gregory Bruce '24</b> Bethesda, Md. Date unknown</p> <p><b>Amelia Leer</b> <b>Caruthers '24, '41</b> Knoxville, Tenn. September 6, 1985</p> <p><b>J. Howard King '24</b> Lexington January 24, 1986</p> <p><b>Bishop P. Rogers '24</b> Fairfax, Va. November 24, 1985</p> <p><b>John Bethel Loftus '24</b> San Antonio, Texas August 26, 1985</p> <p><b>Virginia Jesse Forman '24</b> Louisville May 4, 1986</p> <p><b>Myer Galanter '25</b> West Palm Beach, Fla. Date unknown</p> <p><b>Stuart Albert Brabant '25</b> Henderson November 9, 1984</p> <p><b>*Ruth Gregory Shipman '25</b> Versailles December 10, 1985 Life member</p> <p><b>*Lydia Kennedy</b> <b>Fremd '25, '28</b> Eminence Date unknown Life member</p> <p><b>Harry Gingles Dulaney '25</b> Atlanta, Ga. August 17, 1984</p> <p><b>Robert Dulaney Bullock '25</b> Covington Date unknown</p> <p><b>Oscar Henry Bishop '25</b> Medlothian, Va. Date unknown</p> <p><b>Charles W. Hoodenpyl '25</b> Jefferson, Ind. April 10, 1986</p>	<p><b>Robert Lee Samuell Jr. '26</b> Doraville, Ga. April 26, 1985</p> <p><b>Audrey Slaughter</b> <b>Cunningham '26</b> Covington January 1, 1986</p> <p><b>*Robert Ward Bushart '26</b> Fulton May 28, 1986 Life member, Century Club, UK Fellow</p> <p><b>Marshall Dees Harris '26</b> Louisville Date unknown</p> <p><b>Georgia Thornton</b> <b>Brown '26</b> Independence, Kan. December 12, 1981</p> <p><b>Mary Luxon Arthur '26</b> Oroville, Calif. March 15, 1986</p> <p><b>Edna Oots Jesse '27</b> Decatur, Ga. May 2, 1986</p> <p><b>Christine Anderson</b> <b>Vimont '27</b> Lexington March 24, 1986</p> <p><b>*Oscar Lee McElroy '27</b> Eminence March 1, 1986 Life member, former Alumni Board member</p> <p><b>*Thomas Lynch Adams '27</b> Lexington September 15, 1985</p> <p><b>Sara Robertson Curle '27</b> Akron, Ohio Date unknown</p> <p><b>J. Edward Kilgus '28</b> Shelbyville Date unknown</p> <p><b>Clarence Milford Hook '28</b> Cincinnati, Ohio December 8, 1985</p> <p><b>*P. J. Conkwright '28, '64</b> Princeton, N.J. January 31, 1986 Life member, Hall of Distinguished Alumni</p> <p><b>Wayne C. Priest Sr. '28</b> Hartford Date unknown</p> <p><b>Laurence Curry '28</b> Louisville May, 1979</p> <p><b>*Squire Raymond Cummins</b> <b>'28, '34</b> Stanford January 9, 1986</p> <p><b>Fred Neville Hendon '29</b> Birmingham, Ala. Date unknown</p>	<p><b>*James Ewart Ownbey '29</b> Louisville December 20, 1985</p> <p><b>Aelic M. Short '29</b> McAndrews October 30, 1982</p> <p><b>Mary Sharp Tuttle '29</b> Houston, Texas December 29, 1985</p> <p><b>George Rohr Kingsley '29</b> La Jolla, Calif. Date unknown</p> <p><b>*Gordon R. Willis '30, '32</b> Buchanan, Va. November 1, 1982</p> <p><b>*Martin R. Glenn '30, '32</b> Louisville Date unknown Life member</p> <p><b>Harry R. Lynn '30, '35</b> Anchorage Date unknown</p> <p><b>*Jeanette Lehmann '31</b> Midway January 27, 1986</p> <p><b>Elizabeth Caroline Bond '31</b> St. Petersburg, Fla. Date unknown</p> <p><b>*Edwin Ray Denney '31, '32</b> Lexington June 22, 1986 Life member, UK Fellow</p> <p><b>Lindson Pryor Anderson</b> <b>'32, '33</b> Lexington Date unknown</p> <p><b>*Basil D. Hall Sr. '33</b> Louisville March 25, 1986</p> <p><b>Dorothy Louise Prows '33</b> Lexington April 4, 1968</p> <p><b>Harry Bartlett Gaunt '33</b> Lexington February 13, 1986</p> <p><b>James Gorman Tye '33</b> Dayton, Ohio Date unknown</p> <p><b>Elmer Paul Williams '33</b> Ashland May 28, 1986</p> <p><b>James W. McRoberts '34</b> E. St. Louis, Mo. November 16, 1985</p> <p><b>William Dotson Wells '34</b> Ft. Lauderdale, Fla. January 21, 1985</p> <p><b>Gerald Shelton Doolin '34</b> Somerset December 31, 1985</p> <p><b>*Henry Howard Recano '34</b> Kensington, Conn. October 30, 1985</p>	<p><b>Ernest Hogge '34</b> Bradenton, Fla. September, 1984</p> <p><b>Ida Jennings Greenleaf '35</b> Richmond Date unknown</p> <p><b>Kenneth G. Alley '35</b> Shawnee Mission, Kan. July 24, 1975</p> <p><b>*James Robert Collier '35</b> Danville December 24, 1985</p> <p><b>John Milton St. John '35</b> Solvang, Calif. May 27, 1986</p> <p><b>*John Conrad Feltner '35</b> Versailles January 16, 1986</p> <p><b>*Lillian Smith Campbell '35</b> Middlesboro January 25, 1977</p> <p><b>Arthur George Muth '35</b> Covington Date unknown</p> <p><b>William O. Miller '35</b> Maysville February 8, 1986</p> <p><b>David D. May Sr. '37</b> Lexington May 27, 1986</p> <p><b>*Pauline Harmon</b> <b>Hayman '37</b> Louisville August 3, 1985</p> <p><b>Joseph Clark Arvin '37</b> Owensboro April 14, 1978</p> <p><b>Geneva Foust '37</b> Owensboro September 17, 1983</p> <p><b>*Jane Freeman Crowell '38</b> Lexington December 17, 1986</p> <p><b>Harold Lee Riley '38</b> Northport, Ala. September 7, 1985</p> <p><b>Edna Rose Elkins '38</b> Hazel Green January 2, 1986</p> <p><b>Olga Marie Prater Dunn '38</b> Lexington March 12, 1986</p> <p><b>Frances Leone Gillett '38</b> Ponta Gorda, Fla. August, 1985</p> <p><b>Leonard Allen Carr '39</b> Houston, Texas June 20, 1985</p> <p><b>*Donald Doyle '39, '47</b> Campbellsville February 9, 1985</p> <p><b>Edwin C. Sweeney '39</b> Santa Paula, Calif. December 8, 1985</p>
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**Clarence Orr Courtney '39**  
Erlanger  
June 24, 1981

**William D. Merrifield '40**  
Au Gres, Mich.  
December 16, 1985

**Raymond R. Lucas '40**  
North Port, Fla.  
January 6, 1986

**J. Granville Clark Sr. '41**  
Russellville  
February 19, 1986

**John N. Schweitzer '41**  
Richmond, Va.  
October 27, 1986

**\*Louise David Rekoon '41**  
Amherst, N.Y.  
July, 1985

**Anna Mae Bevins Cook '41**  
Georgetown  
Date unknown

**Jane Humble Maury '42**  
Versailles  
February, 1982

**Lila Robertson Evans '42**  
Bethel  
March 29, 1986

**Margery E. Donnell '42**  
Paris  
January 23, 1986

**Alta Blair Smith '43**  
Ashland  
Date unknown

**\*Charlotte-Ann Hunt Phelps '44, '69**  
Lexington  
June 6, 1986

**\*Archibald William Hamilton IV '45**  
Georgetown  
July 21, 1985

**William G. Morgan '45**  
Owensboro  
Date unknown

**Harrison Wesley Elliott '46**  
Inman, S.C.  
August 21, 1984

**Lawrence F. Martin Jr. '48**  
Ft. Thomas  
Date unknown

**\*Thomas Pearce Bell '48, '50**  
Lexington  
February 2, 1986  
Life member, UK Fellow,  
Hall of Distinguished  
Alumni, UK trustee, Alumni  
Board member, UK  
Development Council

**Mary Louise Smith Holmes '48**  
Ashland  
Date unknown

**Floyd Hall Cawood '48**  
Largo, Fla.  
November 13, 1985

**Robert Morris Barnes '49**  
Frankfort  
March 3, 1986

**Dorothy Struve Waldorf '49**  
Clinton, Ia.  
December 5, 1980

**Ernest Raymond Smith '49**  
Harrison, Ohio  
December, 1985

**Ray Moody Staley '49**  
Paducah  
Date unknown

**Mary McRoberts Fortune '49**  
Lexington  
June 24, 1986

**\*Calvin F. Buechele '50**  
Louisville  
March 26, 1985

**Paul William Cronen '50**  
Louisville  
December 26, 1980

**Marguerite Culton Sparrow '50**  
Danville  
December 8, 1985

**\*Edwin Mills Bonny '50**  
Ravenna  
February 7, 1986

**Alvin Roscoe Bertram '50**  
Lexington  
January 4, 1986

**Sergius Wayne Leach '50**  
Nicholasville  
January 17, 1986

**Robert Emanuel Hauser '50**  
Barbourville  
November 20, 1982

**Kenny Carlton Toomey '50**  
Lexington  
Date unknown

**Briscoe Roy Evans '50**  
Lexington  
March 5, 1986

**Robert N. Brumfield Jr. '51**  
Cincinnati, Ohio  
November 28, 1981

**Richard Earl Warren '51**  
N. Miami Beach, Fla.  
Date unknown

**Billy Joe Schroeder '51, '52**  
Greensboro, N.C.  
March 2, 1983

**Billy A. Kookendoffer '51**  
Paris  
Date unknown

**Charles William Bryant '51**  
Stanford  
March 13, 1986

**\*Donald Eddie Gelke '52**  
Indianapolis, Ind.  
May 15, 1986

**Nora Belle Burress '52**  
Greensburg  
May 23, 1985

**John William Moffatt '52**  
Frankfort  
January 31, 1986

**Sadie Parrish Fishback '52**  
Winchester  
March 2, 1986

**Sallie Craig Rochester '52**  
Ann Arbor, Mich.  
May 31, 1986

**Gene Arlen Mattick '53**  
Campbellsburg  
April 16, 1986

**John Hall Rice '53**  
Cincinnati, Ohio  
June, 1985

**Thomas B. Whitehouse '53**  
Lebanon  
March 3, 1986

**Henry Otto Altenberg '53**  
Silver Springs, Md.  
July 3, 1983

**Robert Norman Marcum '54**  
Hodgenville  
May 16, 1977

**Garland T. Purdom '54**  
Perryville  
May 14, 1986

**Lydia Ann Bell Wadlington '54**  
Sturgis  
December 16, 1984

**Esther Rosella Ball '55**  
Louisville  
September 16, 1985

**Iona Kaetzel Lierle '56**  
Bartlesville, Okla.  
October 27, 1985

**\*Scott Smith Gregory '56**  
Louisville  
May 18, 1986

**Joseph R. Schwendeman '56, '57**  
Lexington  
Date unknown

**Elizabeth Harelson Kissling '57**  
Richmond  
January 1, 1986

**Mitchell Allen McMurty '57**  
Owensboro  
Date unknown

**John Oliver Carrington '58**  
Anderson, Ind.  
December 31, 1985

**\*George Arvin Jones '58, '68**  
Berry  
February 9, 1986  
Life member

**Lorena Vivian Pfanstiel '59**  
Brooksville  
December 13, 1985

**Troy Earl White '59**  
Florence  
Date unknown

**\*Margaret Marie Dooley '61**  
Lexington  
January, 1984

**\*Elizabeth Haggard Wedding '61**  
Louisville  
December 21, 1985

**Elizabeth Prewitt McCaharen '62**  
Lexington  
Date unknown

**Eddie Dean Hulett '63**  
Nicholasville  
Date unknown

**Lloyd Allen Beasey '64**  
Chicago  
May 20, 1986

**Arnita Clark Stephens '64**  
Lexington  
February 2, 1986

**Harriet Hieber Gorman '64**  
Lexington  
March 9, 1986

**Randall Trotter Hughes '64**  
Palm Bay, Fla.  
November 26, 1985

**Mary Catherine Milam '65**  
Louisville  
Date unknown

**Gary Robert Buchholz '66**  
Frankfort  
February 15, 1984

**Richard S. Lacefield Jr. '68**  
Bowling Green  
May 21, 1986

**Igor Zenon Drobocky '69**  
Oakland, Calif.  
December 27, 1984

**\*Floyd H. Wright '70H**  
Lexington  
July 20, 1985  
Life member, UK Fellow,  
UK Athletic Board 1963-73

**James F. Zabierek '70, '71**  
Lewisburg, W. Va.  
Date unknown

**Jeff Davis III '70**  
Savannah, Ga.  
Date unknown

**Patricia Bellew Sweeney '71**  
Cincinnati, Ohio  
January 18, 1986

**Robert W. Taylor '71**  
Ocean City, N.J.  
Date unknown

**Fletcher Lutcevish '71, '76**  
Frankfort  
Date unknown

**Dian Gill Cross '72**  
Lexington  
December 15, 1985

**George Allen Buckmaster Jr.**  
'72, '74

Henderson  
Date unknown

**David Wayne Noe '73**

Harlan  
December 17, 1985

**John Lewis Hicks III '73**

Winchester  
Date unknown

**John Rodger Williams '73**

Spartanburg, S.C.  
Date unknown

**James Patrick Summe '74**

Ft. Mitchell  
Date unknown

**William Ward Pollard '74**

Lancaster  
June 18, 1986

**Betty Jean Whitaker '75**

Ovenfork  
August 3, 1985

**James C. Sandefur '75, '85**

Beaver Dam  
June 19, 1985

**Thomas Lynch Adams '76**

Lexington  
September 15, 1985

**William Whitley Eades '76**

Lexington  
December 14, 1985

**Robert Todd Sweeney '78**

Cincinnati, Ohio  
January 18, 1986

**Barbara Ann Krewson '79**

Evansville, Ind.  
January 29, 1986

**James M. Robinette '80**

Catlettsburg  
August 27, 1985

**Barry Cades Powell '83**

Kingstree, S.C.  
December, 1985

**Michael Robert Turpin '85**

Lexington  
February 3, 1986

\***James O. Webster Jr.**

Lexington  
January 10, 1986

**John Joseph Gumbel**

Owensboro  
Date unknown

**Jessie O. Deberry**

Scottsville  
December 15, 1985

**Clementine H. Cruse**

Lexington  
October 18, 1985

**Jack Grayson**

Covington  
Date unknown  
UK Fellow

**Robert D. Beyer**

Boaz  
July 23, 1982

\***C.W. Sulier**

Lexington  
June 6, 1986  
Life member, Century Club

\***Robert B. Quebman**

Cincinnati, Ohio  
May 17, 1986

**William Kerr Bush**

Lexington  
January 25, 1986

**George Dunlap Karsner**

Lexington  
February 18, 1986

**Andrea Skinner Hanna**

Lake Forest, Ill.  
September 23, 1985

**Hugh C. Steely**

Williamsburg  
March 11, 1986

\***Chinn Kendall**

Georgetown  
February 9, 1986

Century Club

**Eleanor Wilkerson Becker**

Louisville  
Date unknown

**Susan Hart Casner**

Lebanon, Ohio  
Date unknown

\***Henry Carlisle Besuden**

Winchester  
December 31, 1985  
Hall of Distinguished  
Alumni, UK Centennial  
Athletic Medallion, College of  
Ag. Golden Sheaf award,  
former University trustee

\***Marion R. Grannis**

Aberdeen, Ohio  
February 19, 1985

\***Merritt W. Marrs**

Lexington  
Date unknown  
Life member

**R.P. Countzler**

Greenville  
May 6, 1984

\***J.W. Duvall Jr.**

Paris  
December 25, 1985

**Charles H. Kelly**

Burlington  
April 4, 1982

\***Robert D. Ulrich**

Dayton, Ohio  
October 23, 1985

**Julia Webb Raines**

Lexington  
March 3, 1986

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

**John Simms "Shipwreck" Kelly '32**, one of UK's few sports legends, died August 17 in Lighthouse Point, Fla. Shipwreck played for the Wildcats in the early '30s as a halfback. He set a school record, gaining 1,074 yards during his senior year at UK. And, he's still in the UK record book, with teammate Bob Davis, for most net yards in a game (280), and 18th on the list for longest TD play (71 yards) and seventh on the list for longest interception return (90 yards). He won all-Southern Conference honors in 1930 and 1931.

Kelly went on to play professional football in 1932 with the New York Giants and in 1933, 1934 and 1937 with the Brooklyn Dodgers. He became a co-owner of the Dodgers in the late 1930s.

When he went to New York, Kelly became a part of the elite social scene. In 1941, he garnered national attention when he married socialite heiress Brenda Frazier. He was an insurance salesman and she was, according to the *New York Times*, "a debutante known as a 'glamour girl' in high social circles." In 1946, their daughter, Brenda Victoria, was born. The marriage ended in divorce ten years later. Kelly, by then, had become an investment banker and a prominent amateur golfer on Long Island. He was married, had a second child, son John, and was divorced a second time.

The passing of this Springfield, Ky., legend was not only noted locally, but all across the country, even by James Brady, a "people" columnist for *Parade* magazine and *Advertising Age*, among other publications. Some 34 years later, Shipwreck, who took that nickname from a famous flagpole sitter of the '20s, could still stir a memory or two among many alumni. Prior to World War II, he and teammate Ralph Kercheval '34 were perhaps the most widely known and revered of all Wildcat football players.

**Cpt. Thomas W. Spickard** died in February 1945—he had been a prisoner of war for three years. Forty years later his service to his country was recognized when seven medals were awarded to him posthumously at Ft. Campbell.

Spickard, who played on the UK varsity football team from 1937-39, was also the second highest officer in the UK ROTC unit. He went into the army as a second lieutenant.

In late 1941 Spickard made headlines when he and fellow troops made a daring escape from possible Japanese entrapment and death on Northern Luzon Island in the Philippines.

Spickard and his men were separated from their division during the first phase of the battle of Lingayen Gulf.

Spickard wrote, "The enemy filtered in, cutting off our train as well as our withdrawal route to the division. Therefore it was necessary to take to the hills."

Two months later he was cited for distinguished service and promoted to captain. He was serving under Gen. Douglas MacArthur at that time.

In October 1942, Spickard was one of five Kentucky heroes cited for bravery and gallantry. He was taken prisoner by the Japanese when Bataan fell.

**CORRECTION: Susan Miller Trow '69** was erroneously listed in the Necrology column in the 1986-2 issue of the *Kentucky Alumnus* magazine. Our apologies to Mrs. Trow who has moved to Daytona Beach, Fla.

# UK TRAVELERS 1987 PROGRAM



Date	Destination	Estimated Price
February 15-22	Virgin Islands cruise aboard the Nantucket Clipper. Flight to and from St. Thomas. Visit St. Croix, St. John, etc.	\$1,495 to 1,745 plus airfare.
April 3-18	Two-week tour of Tahiti, Australia and New Zealand. Deluxe hotels and most meals. Six nights in Australia, six in New Zealand and two in Tahiti.	\$3,489 from Lexington- Louisville. \$3,199 from Los Angeles
July 7-17	Canadian Rockies Adventure with local flight to Edmonton. Visit Jasper, Lake Louise, Banff and Calgary with return from Vancouver.	\$1,699 plus domestic airfare.
July 29- Aug. 12	Two-week deluxe visit to Scandinavia. Three nights in Copenhagen, five in Oslo-Bergen and fiords, three nights in Stockholm and two cruising to and from Helsinki. Three-night optional to Leningrad.	\$3,149 from Lexington. Option to Leningrad plus \$449.
(Aug. 15)		



UK National Alumni Association  
Lexington, KY 40506-0119  
Address Correction Requested

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Alumni Association

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CARROLLTON, KY 41008