KENTUCKY ALUMNUS

FRUIT OF THE VINE

1988–4

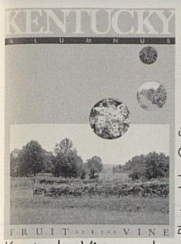

Photo: John G. Strang

Kentucky Vineyards

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KENTUCKY ALUMNUS

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Flying High

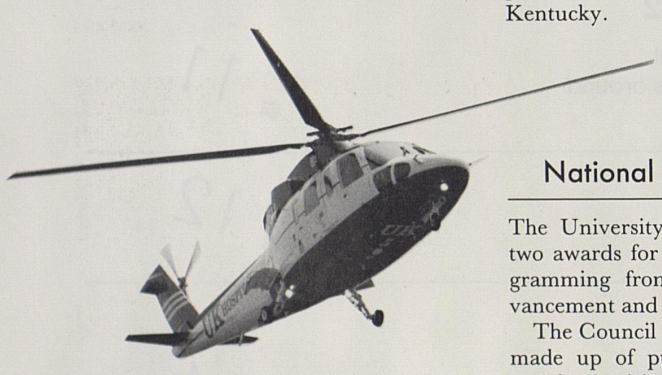
During its first year of operation, University of Kentucky Hospital's Aeromedical Service transported 1,121 patients. The number far exceeded the Hospital's projected number of 350 patient transports.

Hospital officials say approximately 30 percent of those transported were trauma cases, 40 percent cardiac cases, and the remainder of tranports were for for a variety of general surgical, neurosurgical, obstetrical and neonatal problems.

To complement the emergency helicopter service, University of Kentucky Hospital recently added a special-purpose ground transport unit. The new ambulance is designed to carry the UK neonatal transport team and equipment necessary for stabilizing premature and critically ill newborns to referring hospitals in this part of the state. In addition, the ambulance is the link to transport adults and children from the emergency helicopter to the Hospital,

"Plans for this special transport unit were made during initiation of the UK Aeromedical Service," said Frank A. Butler, UK Hospital director. "We have seen an increasing need for a ground unit due to the large number of newborns transported to the Hospital as well as the growing number of helicopter transports."

The helicopter service and ground transport unit provide the UK Hospital with the highest quality rapid transport service in Central and Eastern Kentucky.



National Awards for PR

The University of Kentucky has won two awards for its public relations programming from the Council for Advancement and Support of Education.

The Council (CASE, as it is called) is made up of public relations, alumni, and fund raising officials of colleges and universities in the United States. It conducts an annual national awards competition.

UK won in two categories—a third place award for three television commercials, and a first place award for a coordinated public relations program involving the president of the university.

The TV commercials, which ran on stations across the state, were a part of UK's coordinated public relations effort last winter and focused on the need for adequate funding of the university.

UK won the first-place award—a Gold Medal—in a category which recognized UK's overall public relations program, also designed to focus public attention on the university's funding needs. The award particularly recognized the active participation in the program of UK President David Roselle.

The UK National Alumni Association played an integral role in the program as clubs hosted the President. In addition to speaking to the alumni audiences, Roselle often spoke to local civic groups, held press conferences, and made other calls in the area.

In announcing the first-place award, CASE judges said:

"The committee was particularly impressed with the clarity of the objectives of your project and the development of a relationship between the president and the legislature.

"We felt it was a good case of problem-solving combining the strengths of the president with a coordinated public relations effort. It was a well-planned, gutsy campaign that resulted in success and favorable response for the institution and its leadership."

Sleep Apnea Study

Three UK researchers are studying whether sleeping disorders among the elderly are benign results of age or contributors to serious health problems.

David Berry, assistant professor of psychology, Barbara Phillips, an assistant professor of medicine, and Yvette Cook, an assistant professor of neurology, have received a $16,545 grant from the American Lung Association to study sleep apnea in the elderly.

Sleep apnea is a breathing disorder that may result in a cessation of breathing or shallow breathing during sleep.

About 80 percent of the elderly population suffers from some degree of sleep apnea, Berry said.

About one-third of the elderly population experiences a high level of sleep apnea, compared to less than 1 percent of those who are middle-age, Berry said.

Sleep apnea has definite effects among the middle-age population, he said. Those who frequently suffer from sleep apnea tend to have cardiac problems, be depressed and have trouble concentrating.

Since 1986, Berry, Phillips and Cook have studied groups of people age 60 or older to determine whether sleep apnea causes similar problems among the elderly. Berry said the grant will allow the researchers to continue annual observations of the group members.

The first follow-up study indicated that those who had frequent sleep disruptions had more daytime problems than those who had few or no disruptions, Berry said.

They had a mild increase in blood pressure and reported having heart irregularities and pulmonary problems, he said.

The researchers are currently compiling data from the second follow-up study and will compare those findings with the earlier study.

Whispering Pines

James P. Dunn, a UK doctoral student in entomology, reports that trees send signals not only to one another, but to eavesdropping insects as well.

According to earlier research findings, trees react to insect attacks by, among other things, changing the formulation of chemicals in their leaves. This alteration makes the leaves less tasty and, in some instances, less digestible by insects.

As the new mixture of chemicals in the leaves is released into the air, the theory goes, neighboring trees begin to alter the make-up of their leaves, as though they had been "warned" of the presence of dangerous insects.

Dunn has shown that at least one type of insect seems to tune in to the chemical communications. The insects "listen" for a signal that a tree is sick, or stressed, and then they attack it.

Safety Pays

A Southeast Community College safety training program has helped Arch of Kentucky Inc. earn a Sentinels for Safety award for its outstanding mining safety record in 1987, according to the Labor Department's Mine Safety and Health Administration and the American Mining Congress, co-sponsors of the annual program. The UK community college taught safety to all of Arch's employees in 1987.

Students in associate professor Jack Gron's sculpture classes have displayed their class projects in various locations around campus. This unnamed piece, by senior sculpture major Sherri Hancock, is composed of steel, screen and wire. The display was part of the Outdoor Arts Festival sponsored by the College of Fine Arts and the vice chancellor for academic affairs.

High, Quality Enrollment

UK enrollment has reached an all-time high of 55,350 students, according to preliminary figures, and the quality of the freshman class on the Lexington Campus continued a steady upward trend based on ACT scores.

The 55,350 students in all three sectors of the university is a six percent increase over last year.

The Community College System is showing a record 32,450 students this fall—a nine percent increase over last year. CCS enrollment has increased 33 percent in the past three years.

Lexington Campus and Medical Center enrollment is estimated at 22,900 students, compared to 22,461 students last year, which is a two percent increase.

The average ACT composite score for UK freshmen this year is 22.5 compared to 22.4 last year. The national average ACT score is 19. The scores have increased steadily since the selective admissions policy went into effect in 1984.

Another bright spot is minority enrollment. Preliminary estimates show 718 black students this year on the Lexington campus, an eight percent gain.

Also, 17 freshmen this year are National Merit Scholars.

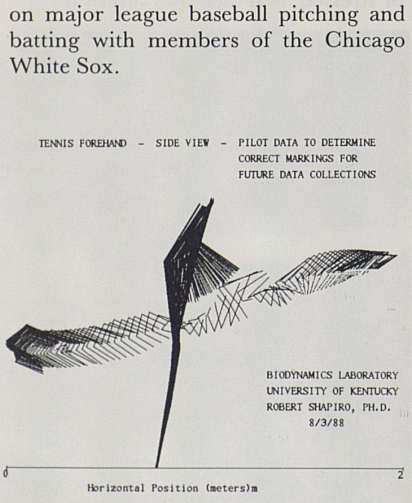
Tennis Injuries

Researcher Robert Shapiro is investigating how tennis players swing their rackets—and how injuries can result from improper motion.

Funded by a grant of $8,085 from the Lexington Clinic Sports Medicine Center, Shapiro, an associate professor of health, physical education and recreation in the College of Education at UK, and Dr. Ben Kibler, a sports medicine physician at Lexington Clinic, will use a computerized video system to produce slow-motion studies of various subjects' tennis swings in order to pinpoint the motions which can lead to injuries.

These studies will provide the athletes with valuable insight into improving their performance and preventing future injuries.

Shapiro's UK studies in sports biomechanics have also included research on major league baseball pitching and batting with members of the Chicago White Sox.



High School Study

For the last four years, Earl Pfanstiel and his staff have traveled the state telling guidance counselors about an option their students have for earning high school credits.

Their aggressive blend of education and public relations has meant increased enrollments in the University of Kentucky's Independent Study Programs every year.

And this year, it paid off big. The high school program topped the 5,000 mark, making it one of the largest programs in the nation.

"To many people, we're the only contact they have with the University of Kentucky," said Pfanstiel, director of the Independent Study Program. "This program does make a difference in people's lives. A large portion of these students would not have graduated without this opportunity."

During the last year, 5,499 students, representing 107 Kentucky counties, enrolled in UK's high school correspondence courses.

Pfanstiel said the University had a "very low-key" high school program for several years. But since the office implemented its visitation program, enrollments have increased dramatically.

During the first year of the visitation program, representatives of the Independent Study Program went to all private and public high schools within a

hundred-mile radius of Lexington. The office also began setting up information booths at meetings of professional educators and added a toll-free phone number for counselors, principals, parents and students.

In addition to the visitation program and the toll-free line, Pfanstiel attributes some of the program's growth to external factors.

The requirements for high school graduation have increased, much attention is now focused on high school diplomas—particularly in the military—and UK has increased its own requirements for admission.

Pfanstiel said more than 49 courses are offered through UK's high school program—from physics, complete with a laboratory kit, to language courses.

Most of the instructors for the courses are Fayette County high school teachers.

"We serve all kinds of students," Pfanstiel said. These may include students traveling with parents, people with physical disabilities, young women who have dropped out of school to have babies, students who have failed courses, high-ability students who are taking courses their schools do not offer and people who need a diploma to get into the military.

Project Home Safe

The problem of "latchkey children" in Kentucky will be the focus of a new training program to be conducted by the Kentucky Home Economics Association (KHEA).

The center of attention: the thousands of school-age children who come home from school to an empty house because both their parents are still at work.

"There's a great need to address this problem. We don't know exactly how many children are staying home alone, but we believe the problem is no different in Kentucky than in the nation as a whole," said Kim Townley, a KHEA member and director of the UK Early Childhood Lab.

Central Kentucky is one of six sites across the nation where "Project Home Safe" is being funded this year. Project Home Safe is a joint initiative of the American Home Economics Association and the Whirlpool Foundation.

Under the program, KHEA will select two home economists to travel to Washington D.C. later this year for training on latchkey and school age child care issues.

The two will then return to Kentucky to conduct a training program in Danville, which is expected to attract as many as 60 participants from throughout the region. These trainees will then be expected to work actively in their communities to expand and improve local child care programs.

"The optimal situation is to get enough good, affordable programs for children to attend, which are appropriate for the 5-13 age group," said Townley.

She added that even with good after-school child care, some children will still be staying home alone. These children will be taught ways to be safer and use their time more productively after school.

Townley says that of the six projects funded this year, this is the only one in a rural area.

Mathematics Grant

Two mathematics professors have received a two-year, $146,000 National Science Foundation grant to develop new algorithms in computational chemistry.

James Wells and Thomas Hayden are working together on the project. Says Wells, "we are developing more efficient computer methods of calculating the geometric structure of molecules, based on data gathered in nuclear magnetic resonance experiments.

"We hope the end result will be the creation of faster and more accurate computer codes for mathematical computation of large-scale chemistry problems. This is an important problem in both theoretical and applied chemistry."

In addition to providing funding for Wells and Hayden, the grant includes funds for graduate student research.

BUYING TIME

NEWBORNS

BY SUSAN H. DONOHEW AND LISSA D. ATKINS

"Jimmy" was born too soon. Weighing only 600 grams (1 lb. 5 ozs.), he arrived at 26 weeks, 14 weeks early of being full term. Today, three weeks later, his eyelids are still fused, and he can't maintain his body temperature. His most serious problems are his inability to breathe and to digest food properly. Five years ago he probably would have died.

Instead he is surviving because of advances in neonatal care, specifically in the use of ventilators and improved formulas. Not all babies, however, respond to the new techniques; others improve but still develop serious complications. Partially supported by funding through the Infant Intensive Care Program (IICP), the UK Medical Center's three neonatologists: M. Douglas Cunningham, head of neonatology; Nirmala Desai; and Thomas Pauly are finding new ways to treat these infants.

Managing the Neonatal Intensive Care Unit (NICU), the neonatologists treat 650 to 700 premature and full-term infants each year. According to Dr. Pauly, 60 percent of all the babies have respiratory disorders. For premature infants, their respiratory problems arise from lung immaturity.

"The lung is the last organ to become fully developed in the fetus," says Dr. Cunningham. "When babies are born early, their lungs don't have the mechanical or chemical maturity required to sustain their respiratory needs."

Normally, babies' lungs secrete a substance, surfactant, which keeps the walls of the alveoli from adhering. Surfactant is a mixture of chemicals that reduces the tension produced when two surfaces rub together. Phosphate detergents have some of the same properties as surfactant. For example, when you wash two smooth glasses—dipping them into water, then stacking them—they're difficult to separate while they're still wet. But, if you mix a detergent with the water, the glasses are easily pulled apart.

M. Douglas Cunningham, chief of neonatology, examines one of the NICU patients.

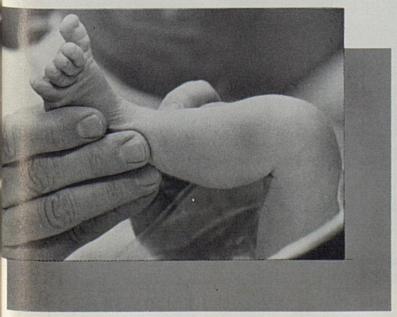
"THE LUNG IS THE LAST ORGAN TO BECOME FULLY DEVELOPED IN THE FETUS."

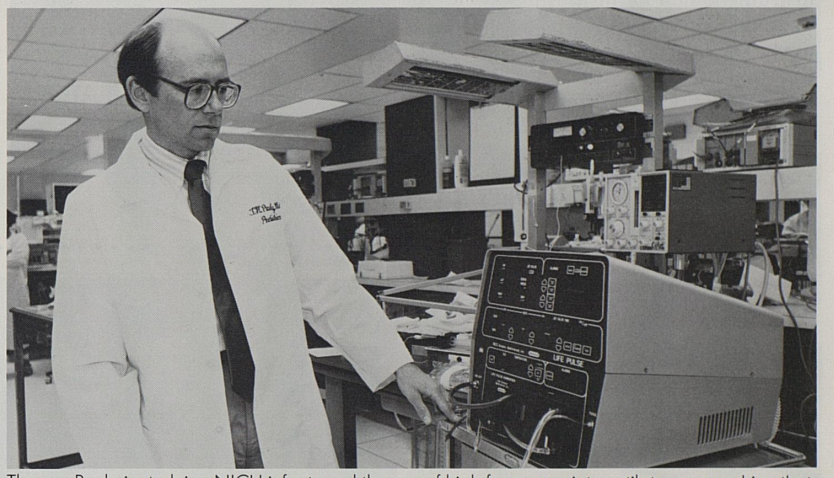
Surfactant serves a similar function in the lungs because it allows the lungs to remain pliable. However, this chemical isn't fully developed in the fetus until the 35th week (eight months into the pregnancy), so a premature

baby's lungs, lacking this ''oiling'' substance, are stiff and difficult to open and force air into. The infants have the additional biomechanical liability of thin muscles and a limited energy supply. Hence, the infants need help in breathing to survive.

The full-term babies in NICU, like many premature ones, can be born with or quickly develop a respiratory disease such as pneumonia. The result is that the infants must be helped with oxygen and a ventilator which blows tiny puffs of air into their lungs. A major problem with infant ventilators is that while the baby must have the air forced into its lungs, that pressure often causes tissue damage. Like an overextended balloon, the alveoli may rupture and allow air to escape into the chest cavity or cause a lung to collapse.

Ventilators for infants were developed in the late 1960s and designed to accommodate 6–8 lb. infants. However, the expectations for the survival of a premature baby have increased dramatically. In the late 1960s, premature babies who survived weighed at least 3–5 lbs. In the mid-to late 1970s, success in saving a 2–3 lb. baby was just short of a miracle. Today Cunningham says, ''There's a 90 percent chance of survival for a 2 lb. infant. We even expect a fair chance of survival for a 1¾ lb. baby and we expect to save a few of the 1 and a 1½ lb. infants.''





Thomas Pauly is studying NICU infants and the use of high frequency jet ventilators, a machine that forces air into the lungs of babies who otherwise couldn't breathe.

A MORE DELICATE TOUCH NEEDED

The dramatic decline in the weight of babies who are now surviving has made the 1960s ventilator equipment obsolete for saving these tiny infants. The amount of pressure needed to expand a 6 lb. infant's lungs is considerably greater than what is needed for a 1½ lb. infant. As Dr. Cunningham explains, ''The tolerances and capacity of the lungs of these infants vary greatly.''

Cunningham and Desai are developing methods of application for ventilators sensitive enough for use on 1–1½ lb. and larger infants and are establishing a data base so that physicians can more accurately determine the correct setting for the ventilator. Presently, physicians set the ventilator—choosing pressure, amount and rate at which the respiratory gases are administered—based on indirect methods of lung assesment. As Cunningham says, ''The state of the art right now is to rely on x-ray pictures of the lungs, blood samples for carbon dioxide and oxygen levels, and an examination by stethoscope. There is no match up with how the ventilator mechanics are set with regard to the actual lung mechanics.''

Beginning their work in 1978, Cunningham and Desai spent four years building their own pulmonary function testing device with the help of pulmonary specialist Deborah Mynheir, computer programmer Diane Gagel, and a consultant, Peter Burbank, from the UK bioengineering and medical instrumentation department. The researchers also employed techniques used by the UK College of Pharmacy faculty in pulmonary function testing of small animals.

''I knew nothing about computers or electronics and my colleagues knew nothing about neonatology, but together we were able to successfully assemble the parts purchased from various companies to reach the minaturization and sensitivity required to study our tiny patients,'' says Cunningham.

In 1981, the researchers used the

instrumentation for measuring lung mechanics on an infant for the first time. The instruments measure airflow, transpulmonary pressure, intrathoracic and airway pressures, and tidal volume (volume of each breath respired). This information reveals two important mechanical properties of the newborn lung: compliance and resistance. Lung compliance refers to how inflatable the lungs are and how easily, by elastic recoil, they return to a deflated state; resistance reflects the narrowness of the infants' airways. With both sets of data, the neonatologist can now begin to accurately set the mechanics of the ventilator to match the biophysical properties of the baby's lungs and support their respiratory needs more safely.

"THE TOLERANCES AND CAPACITY OF THE LUNGS OF THESE INFANTS VARY GREATLY."

Similar instruments are used and research is underway at Columbia University, the University of Miami, Indiana University, and the University of Pennsylvania Children's Hospital. However, the UK instrument is programmed to record the mechanical ventilator breaths, or the spontaneous breaths of the infant separately and provide separate calculations for each breath. Other instruments used in similar research do not make separate calculations for each but average them together, thus offering less precise data. The UK researchers stress that their breath-to-breath assessments at the bedside enables them to monitor the baby throughout the critical first week of life—the most unique aspect of their research.

"MY SUSPICION IS THAT WE OVERUSE VENTILATORS AND THAT SOME, IF NOT ALL, OF THE CHRONIC LUNG DISEASE OF INFANCY IS INCURRED BY THEM. WITH SERVOCONTROL VENTILATORS, THE TREATMENT WOULD BE SAFER . . ."

Developing the instruments was difficult. The researchers proceeded slowly in working out the difficulties—testing 20 infants by 1983. The first instrument was unwieldy and time-consuming so, in 1984, the team began building a second one. More compact

A NICU baby lies protected in an incubator.

and easier to use, the new equipment again consisted of parts obtained from different manufacturers. To date, with this new equipment, the neonatologists have measured pulmonary functions in more than 100 infants.

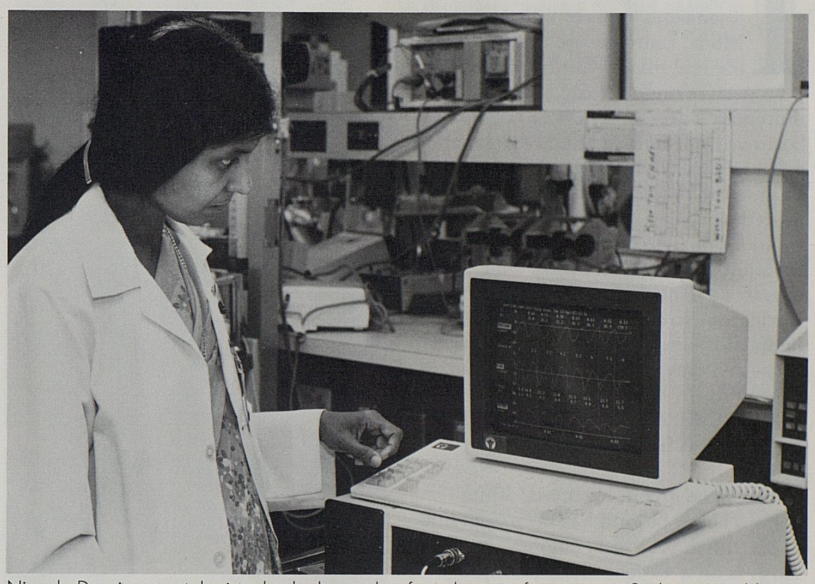
During this time, the neonatologists developed guidelines for which patients should be tested and the appropriate time and method for testing so that the ongoing care for the patients was not disturbed. They also correlated the pulmonary function testing results with x-rays and the various disease states. The result is that they have a data base of values for babies at different ages and weights.

The questions being addressed now included the correlation between the improvement of nutrition and the effect of various drugs with pulmonary function testing. The research team is also beginning to use the testing to determine the best time to wean the babies from the ventilators.

Another project for the neonatologists concerns improving the testing equipment. Presently, it cannot be attached to the babies for more than 80 minutes—enough time for only one complete study. Yet "lung mechanics are constantly changing and we can't be continually calibrating and setting up the equipment each time the ventilators require resetting," explains Cunningham. Rather, he says, they are working toward "real-time" monitoring for the infants with servocontrol ventilators. These ventilators would be interfaced between the pulmonary function testing instruments and microcomputers, one which would make the necessary calculations and also automate ventilator adjustments based on those calculations.

"My suspicion is that we overuse ventilators and that some, if not all, of the chronic lung disease of infancy is incurred by them," says Cunningham. "With servocontrol ventilators, the treatment would be safer, more accurate and more effective."

Cunningham says he anticipates the development of pharmaceutical agents that will make up for the chemical deficiency in premature infants that leads to their respiratory problems. They will contain some of the properties found in surfactant and will enable the infant to breathe until its body has matured enough to breathe on its own—without the help of ventilators. Until then, Cunningham, Pauly, Desai and other researchers around the country are buying time for some very sick infants.



Nirmala Desai, neonatologist, checks the results of a pulmonary function test. Such tests enable neonatologists to more accurately choose the appropriate settings on ventilators connecting infants.

"MORE COMPACT AND EASIER TO USE, THE NEW EQUIPMENT CONSISTED OF PARTS OBTAINED FROM DIFFERENT MANUFACTURERS. WITH THIS NEW EQUIPMENT, THE NEONATOLOGISTS HAVE MEASURED PULMONARY FUNCTIONS IN MORE THAN 100 INFANTS."

Susan H. Donohew '67 is editor of Odyssey, *a magazine of University of Kentucky research. Lissa D. Atkins '86 is a contributing writer.*

LOUIS JACQUITH

By Berry Craig

In railroading, big trains inspire toymakers to make little trains. Model railroads are replicas of the real thing—but not always.

In what is undoubtedly a model railroader's dream, a new rail company borrowed its name, distinctive logo and paint scheme from a *replica* railroad. "Quite the reverse of the usual procedure," says alumnus Louis Jaquith '66, Lexington.

Jaquith, a Paducah native who operates a dental laboratory in Lexington, wrote the company brass of Paducah's new line in spring 1987 and suggested they copy his little railroad. They did!

"The thrill of seeing my model in full scale was unbelievable," says Jaquith.

The same green, black and white paint scheme Jaquith has been applying to his 9-inch HO-scale engines since 1974, is on a 45-foot diesel locomotive of the Paducah and Louisville Railway. More engines and cars will appear with the P&L trim found on Jaquith's tiny trains.

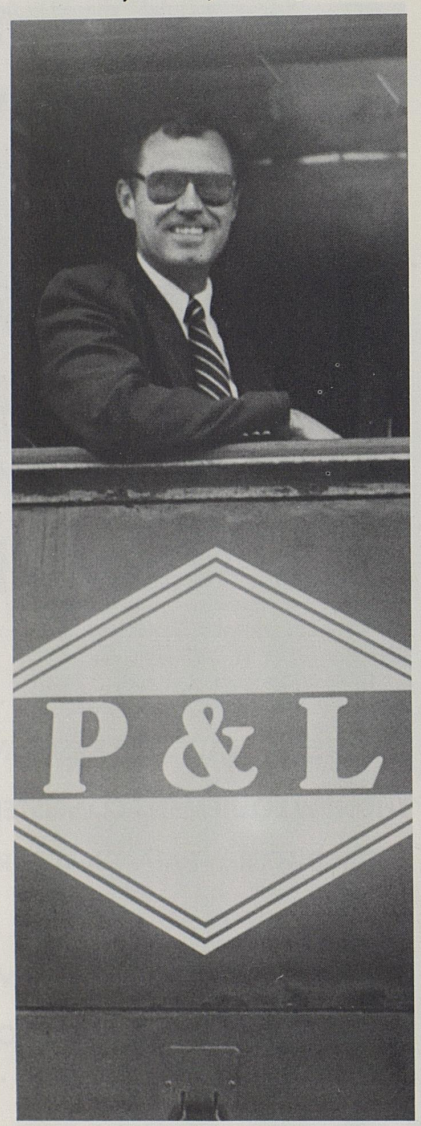
Jaquith, who earned a bachelor's degree in business and economics from UK, figures he's the first modeler in history whose tabletop trains have been copied by a real railroad company. He has collected model trains since he was a kid.

Even though he never worked on the railroad—he taught dental technology at UK before he opened his own lab—his father and brother worked for the Illinois Central Gulf, the P&L's ancestor. "I had several great-uncles who were engineers."

Jaquith said that naturally the ICG was his favorite railroad. So he created his mythical Paducah and Louisville line as if it were a branch of the ICG.

"I wanted it based on the Illinois Central, but not just using their colors," he said.

IC diesel locomotives were black, then orange-and-white and now orange-and-grey. Jaquith spray-painted his models green and black, adding



white stripes and a diamond-shaped logo similar to the IC's famous green diamond insignia.

"I picked the line between Paducah and Louisville for a layout because it used to have lots of tunnels, hills and high bridges," he said. "I made up a 'Paducah and Louisville Railroad' as if it were a wholly-owned subsidiary of

He got the idea for an HO-scale P&L in 1971. Jaquith started custom-painting cars and engines in 1974 and in 1982 began running them on his 13-by-20 foot home model railroad layout.

The P&L branched from HO to full-scale last spring after businessmen David Reed and Jim Smith announced plans to buy the ICG line between Paducah and Louisville.

At first, the new railroad was to be the GC&T—for Corydon, Ind., the birthplace of Reed's late father, Clyde Reed; Grand Rivers, where Clyde Reed and Jim Smith met 35 years ago, and Tiline, the hometown of Smith and his late father, Frank Smith.

When company officials learned there was a GC&T line in Canada, they dropped the name (although GC&T is still the name of the P&L's parent company).

Jaquith subsequently wrote to Reed "suggesting respectfully that they change their operating name to Paducah and Louisville."

He told them about his little P&L railroad and offered to show them his model trains. But he didn't expect much to come of the proposal.

However, Reed soon phoned him in Lexington. Afterwards, Jaquith met Reed and railroad president Jim Johnson in Paducah. "We finalized the color and lettering scheme for all the locomotives, hopper cars and cabooses."

Jaquith said his color schemed differs only slightly from the full-size line. "They're the Paducah and Louisville Railway instead of Paducah and Louisville Railroad as my models are. But the rest is about the same."

Jaquith hasn't billed P&L for his services and doubts he will. "David Reed said they would pay me. But the thrill—that's payment enough as far as I'm concerned. This is once in a lifetime for me. I've never heard of anybody doing this before."

Berry Craig is a feature writer for the Paducah Sun *newspaper.*

EMIL JOHNSON

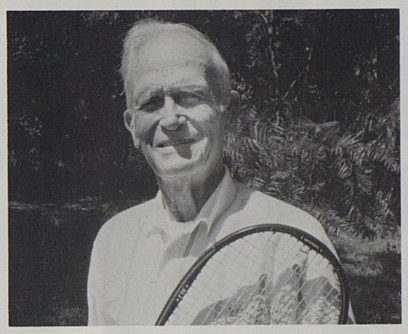
By Robert S. Thurman

Emil Johnson '30, '32 is 80 years old. While many people look forward to age 65 as the year of retirement, he looked forward to age 80 as the year of the grand slam in the Super Senior Tennis Division for players 80 years and older. This means winning the national clay, grass, indoor, and hard court championships. And, he started the year off right with first place wins in singles and doubles at the Fort Meyers Oasis Super Seniors Tournament and at the Bradenton Country Club Super Seniors Tournament, Bradenton, Fla.

During the summer he saw his favorite sport played at the All England Club in London, better known as Wimbledon. Emil was invited to join a dozen U.S. players to compete with players from five European countries during the first week of Wimbledon. He won both doubles matches that he played. The following week he was in the throng that watched the main Wimbledon matches and he said it was quite a thrill to be there.

Emil, also known as the Major (U.S. Army, retired, 1962), became interested in tennis when in high school but did not get really active until he entered the University of Kentucky in the late 1920s. ''I started playing in high school and we called it tennis, but it was really just pat ball. We didn't take full swings. We would hold up the racket and just pat the ball back over the net. When I was a freshman at the University, I entered an intra-mural tournament. Just before we started playing someone asked my opponent to do something and he said, 'I'll do it in about 10 minutes' He was just about right. The balls kept whizzing past me and I couldn't even see them. I took that defeat as a challenge and decided to really learn to play.''

And, learn he did! He became a member of the UK tennis team and won the first of many trophies when he took the Lexington City championship in 1933. One of the students in the gallery was his mother Grace Ruth



Johnson who also received her degree in 1930. With that as beginning, he has continued to play and to win.

He maintained his tennis interest while in the Army and lists among his many triumphs the 2nd Army Senior singles (age 40 bracket) championships from 1955 through 1959. He was All-Army Senior singles and doubles champion in 1955, runner-up 1956, and won the 1957 All-Army Senior doubles (age 40 bracket) championship and the runner-up position in the singles.

In 1962, he retired from the Army and moved to Edgewater, Florida, where be built a clay ''fast-dry'' surface court for Edgewater United Methodist Church where he was a member. Emil managed the court, gave lessons, and played anyone willing to face him across the net. As one player said, ''Looks are deceiving. I thought I was a good player and was half this man's age so I shouldn't have much trouble. It didn't take me long to find out just how wrong I was. He ran me all over the court and had a drop shot that soon convinced me to conserve my energy rather than waste efforts to attempt getting it back. And, he was very gracious. After two very quick sets which he won, he thanked me for playing a good game and excused himself because he was scheduled to play doubles in fifteen minutes.''

But, Emil does not limit his play to Edgewater. He joined the U.S. Lawn Tennis Association Super Seniors division (for age 55 and older) in 1963, the year it was founded. Although he lost in the first round, he went on to win the consolation tournament. In 1968, after winning the National Clay Court Singles championship in the Super Seniors Division (age 60 bracket), he was ranked number one nationally.

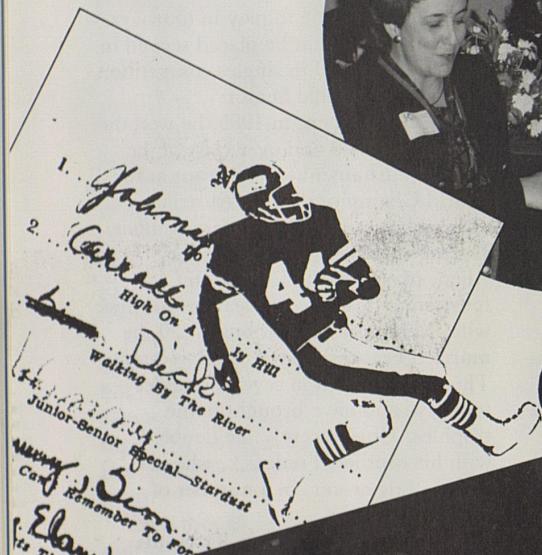
All in all, he has won more than 200 Senior and Super Senior titles including five national championships—three singles and two doubles. He has competed throughout the United States and has traveled as far as Germany, Spain, and Austria to play in tourneys. It was in Spain that he placed second in doubles and third in singles competition at the International Seniors tournament. Then, in 1985, he won the singles in the 70 and over class of the Open Tournament for Veterans at the World Championships in Austria.

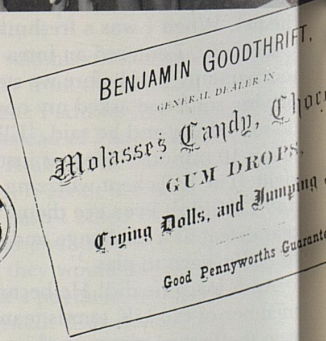
Emil has made tennis a family affair. During the 1950s, he and his son, Allen, played in the Lexington City tournaments. After the death of his first wife, Margaret Allen Johnson '30, he married Frances Brown of Edgewater. They have played in several doubles tourneys and have brought home trophies. Until recently, he doubled with his brother, Frederick, who also lives in Edgewater, in a number of tournaments.

One of the highlights in his tennis book of memories took place in 1987 when he, Allen, and Allen's son, Jeff, participated in the Sedona Family Open Tournanment in Arizona and won the grandfather-grandson event.

Emil has three children, Peggy Thurman '52 of Knoxville, Tenn., Allen of Rolling Meadows, Ill., and Joyce Pennington ('57-'60), Orlando, Fla; eleven grandchildren and four great-grandchildren. He says he looks forward to the creation of a ''great grandfather-great grandchild'' tourney and has no doubt he will be in it.

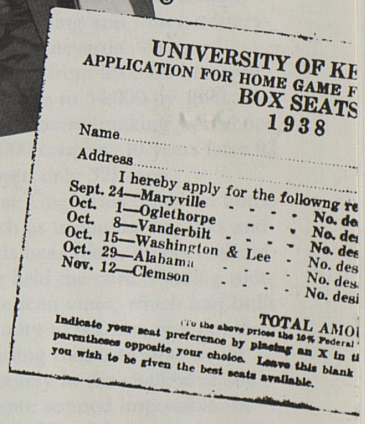
Robert S. Thurman is a freelance writer and friend of Emil Johnson.

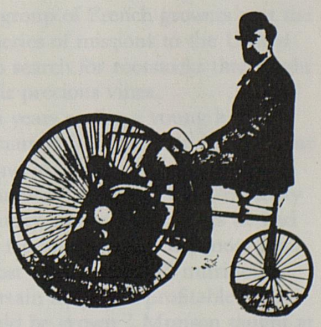




❶ Members of the class of '38, 103 strong, at Spindletop Hall for their 50 year reunion. ❷ Johnnie Miller, president of the Chicago area Alumni Club, and chairman of greeting guests at the Banquet. ❹ Reminiscing, and looking for familiar faces are a big part of Homecoming/Reunion activities. Four members of the '48 class group using Service Award. ❻ Mrs. James Ramsey of Somerset, Mrs. Howard Orme, and Mrs. Frederick Moore, both of Lexington, enjoy the '38 class reunion. ❼ Judge Julia Tac of the Alumni Service Awards are; Joe B. Hall, Julia Tackett, Mike Moloney, all of Lexington, and Nancy Garriott and Lou Garriott of Painesville, Ohio. ❾ UK Trustee sharing UK President David Roselle's company before the Homecoming Banquet. ❿ Dr. James F. Glenn delivers Homecoming Banquet message — "Getting Old Isn't

1988 Homecoming





Awards Committee, announces the names of the Service Award winners at the Homecoming Banquet. ❸ UK National Alumni Association president, Jack Guthrie, re dinner to get reacquainted. ❺ Marian Sims looks on, as UK Alumni Trustee Ted Bates congratulates a surprised Sen. Mike Moloney, when he rises to accept his esident of the Alumni Association, accepts her Service Award from Dr. Charles Wethington, Chancellor of the Community College System. ❽ The 1988 recipients r, Carolyn Van Pelt, Judge Henry Wilhoit, and Jane Horton Wilhoit at the reception before the Homecoming Banquet. ❿ Gene Spragens, and Anne and Don Greer ed To Be.''

ROOT DE FRANCE

Denison, a nice town of 24,000 located about eight miles south of the Red River in North Texas, is a quiet place, just the usual sounds: cats walking, people aging, birds flying, spiders spinning, leaves hitting the ground. Things pick up at night when a band like Ramon and the Night Moods wails at the Holiday Inn. First-timers usually visit the white frame house where our 34th president, Dwight Eisenhower, was born and lived for a year before his family moved to Wichita, Kan. Another hot spot is the site of the plant where the U.S. packing industry first used ice in 1874. But most visitors probably miss the most famous place of all. It's not as grand, perhaps, as the Cattle Breeders Hall of Fame up at Grand Prairie, or as upscale as the Southern Hushpuppy Olympics over in Lufkin, but it's one of the most important places in the world to some people: the T.V. Munson Viticulture and Enology Center at Grayson County College.

For 37 years, America's foremost native grape expert, Thomas Volney Munson, lived in Denison, which is unremarkable, but in the course of that time, during the 1880s, T.V. Munson saved not only the vineyards in the Cognac region of France (the only place in the world where that sublime drink is produced) but that nation's entire wine industry. A grateful — to understate the sentiment — France bestowed upon Munson the French Legion of Merit in 1888, an honor given only once before to an American citizen, Thomas Edison.

Now, 100 years after this great honor, T.V. Munson finally was acclaimed and celebrated in official recognition ceremonies in France and Texas. On Sept. 10 delegations from Cognac and Bordeaux traveled to Denison to dedicate the new 5,000 square-foot Munson center. Representing the citizens of Denison was Mayor William B. Munson IV, great-great-nephew of T.V. In November a group of Americans gathered in Cognac, where a plaque was unveiled at the first viticultural research station in France, built in 1889 to continue Munson's vine-grafting work.

Those who drink for the sin of it and care little for the taste will scoff at all this cultifying of personality: much public hoopla over nothing. But there are some who would rather be obliged to eat without cutlery than quit a table without the restorative of a fine cognac. It is the ultimate digestif, clearing the head, pleasing the palate and settling the stomach. Samuel Johnson defined brandy as the drink of men who aspire to be heroes, and there is no brandy like cognac. Sir Winston Churchill required his bottle a day (Remy Martin V.S.O.P.) with his Romeos y Julietas and La Aroma de Cubas cigars. As his friend F.E. Smith put it, "Winston is a man of simple tastes. He is always prepared to put up with the best of everything."

Age and geographical origin contribute primarily to a cognac's unique taste and quality. Cognac, by definition and law, is made in one place in the world: the 235,000 delimited acres in the Charente district surrounding the town of Cognac, about 300 miles southwest of Paris. There, virtually all of the vineyards are planted with the Saint Emilion grape. But the region's chalky, lime-rich soil is the critical factor that makes cognac unique among brandies.

SEVEN YEARS EARLIER A YOUNG HORTICULTURALIST NAMED T.V. MUNSON HAD BECOME THE SECOND GRADUATE OF THE AGRICULTURAL & MECHANICAL COLLEGE OF THE UNIVERSITY OF KENTUCKY.

Early in the cognac-making process, the thin, sharp wine of 7 percent or 8 percent alcohol is, unlike other brandies, distilled twice in traditional copper-pot stills. A colorless liquid of 140 proof emerges. The new brandy ages in barrels of Limousin or Troncais oak; the oak-aging transforms the raw distillage into the complex and elegant cognac we revere.

Cognac has been described as the essence of France (where it is one-fourth of the wine and spirits export value), and its popularity as *the* status beverage has grown worldwide. While the rest of the spirits industry has declined, cognac sales of 137 million bottles totaled $1.1 billion in the year ending Aug. 31, 1987, up 10 percent from the previous year. East Asia is the fastest-growing market. In Japan, consumption is rising 10 percent a year, and Hong Kong has the highest per capita consumption in the world. The United States' love affair with cognac began in the 1970s when consumption rose, recently hitting a high of 23.9 percent of the total output.

But a little over a century ago, America unwittingly almost destroyed the cognac industry. In 1865, a root disease caused by a small green plant louse (phylloxera vastatrix) struck French vineyards, first in Provence, then slowly moved northward. The scourge had traveled to France with American grapes used in grafting experiments. By the late 1870s, the lice had begun ravaging the Cognac area. The town itself had existed for almost two millenia longer than its famous brandy. But for more than 300 years, cognac had been the area's mainstay. By the time the phylloxera plague hit, 30 percent of the rolling and misty countryside of Cognac vineyards. Vineyard acreage dropped from 290,000 hectares in the early 1870s to 54,000 by 1890. In 1873, Cognac's barrel-making workshops employed 2,000 coopers; 10 years later 93 shops employed only 321 men.

While some Cognacais relied on home remedies such as urinating on vines and burying toads near roots, others realized that grafting held the cure. Finding rootstock of American vines, which had built up an immunity to the lice, was not the problem; finding rootstock that would thrive indefinitely in the chalk-lime soil of the Charente seemed impossible. In 1877, a group of French growers sent the first in series of missions to the United States to search for rootstocks that might save their precious vines.

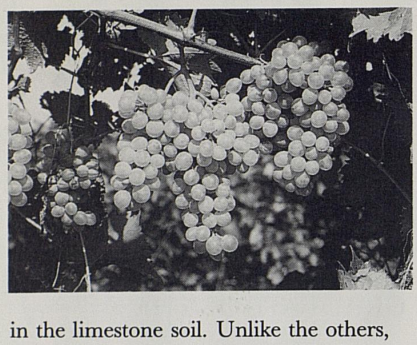
Seven years earlier a young horticulturalist named T.V. Munson had become the second graduate of the Agricultural & Mechanical College of the University of Kentucky. During his studies he had become fascinated with "the most beautiful, most wholesome and nutritious, most certain and most profitable fruit that could be grown." Munson taught at the college and worked at his father-in-

law's nursery but spent much of his time experimenting with the many different varieties of American grapes in the vineyard of his mentor and chemistry professor, Dr. Robert Peter.

There he found his mission in life. "It seemed to me," he later wrote, "that there might be numerous combinations, which would naturally occur in such a vineyard, and that one could expect some of the seedlings grown from such crossed seeds to turn out better than any in the vineyard, by combination of excellencies of both parents in the crossed." Munson took a job in Lincoln, Neb., and took with him more than 40 varieties of Dr. Peter's grapes.

The harsh climate and frequent insect infestations common to the Midwest repeatedly destroyed Munson's vines and convinced him to move his family and his grapes to a more hospitable climate. So in 1876, T.V. Munson, his wife, Ellen, and their three children left Lincoln and joined his two brothers already prospering in the new town of Denison, Texas. There he hoped to start a nursery business and continue experimenting with grapes. Later Munson wrote of his arrival in Denison: "There were six or eight good species of wild grapes, several of which had not been seen by me previously. I had found my grape paradise." A rare hybrid of pure scientist and practical farmer, Munson spent the rest of his life hybridizing hundreds of vines.

In 1887, a decade after the French growers' first rootstock search to the United States, Pierre Viala, the group's leader, read several viticultural papers by Munson while visiting an agricultural extension office in Maryland. Finally he had found his expert. During the months that Viala and his colleagues worked at Munson's vineyards and nursery, the Texas grower took them on horseback to the rough hill country west of Belton, Texas, in the central part of the state. He had been to the region earlier and had discovered two species of grapes growing



in the limestone soil. Unlike the others, these phylloxera-resistant roots had grown readily from cuttings, remaining vigorous and bearing good clusters of healthy grapes.

The Frenchmen returned home with Munson's Central Texas rootstocks. The vines grew well and without blight, ending the decimation of the Cognac vineyards.

"T.V. was an absolute grape nut," says David Munson, grandson of T.V.'s brother W.B. Munson and president of Nueces Minerals Co. in Dallas. "After solving the French problem, he worked to create grapes that would mature all through the summer. He also worked to produce edible grapes and grapes to make jelly and wine, but he never made wine himself."

Saving the French wine industry did not significantly change the modest scientist's life. The Munsons had eight more children and lived just south of town in a large stone house at the end of a drive lined with magnolia trees, next-door to his nursery and vineyards. By the time Munson died in 1913, he had traveled over 40 states and 50,000 miles, mostly on horseback, gathering specimens and studying soils and climates. He personally classified a record 300 grape varieties and became the acknowledged authority on American wild grapes. In 1893, Munson prepared the most complete botanical display of the grape genus for the World's Columbian Exposition in Chicago. Experts still regard his "Foundations of American Grape Culture" (1909) as the most complete account of the American grape.

With the beginning of the Prohibition Era, seven years after Munson's death, the importance of grape horticulture diminished, as did the fame of its most knowledgeable authority. Munson's nursery eventually was sold and most of his plants lost. Denison High School now occupies the site of his old vineyard. But Munson had seen the future accurately. While there was no doubt that France produced the finest grapes and wine in the world, he believed "Texas, a territory rather larger than France, with far greater area of tillable surface and soils, sites and climates equally favorable, should make grape growing one of its leading industries."

And so it has. In 1975 there was only one winery in the Lone Star State; today there are more than 20 wineries and hundreds of private vineyards. In 1987, the San Francisco Fair and Exposition National Wine Competition honored Texas' Llano Estacado with a double gold medal for its 1984 Chardonnay — one of only two medals in a field of 251 entries. And Texas' Pheasant Ridge won a gold medal for its 1983 Cabernet Sauvignon.

But beyond plaques and awards and research centers, one of those private vineyards in Texas is the real memorial to the little-known genius and father of the Texas wine industry. Alongside the new T.V. Munson Viticulture and Enology Center is the T.V. Munson Memorial Vineyard. The vineyard has grown from a meager five varieties 13 years ago to 65 Munson cultivars. The vines climb the Munson three-wire "T" trellis system of native cedar posts cut from the banks of the Red River, where many of the native grapes Munson first used in Denison still thrive.

Richard West is a contributing editor for American Way and author of "Richard West's Texas."

CLASS NOTES

1950s

Robert T. McCowan '51, '78 (H), has retired from Ashland Oil after a 37 year career. He joined the company in 1951 as a sales representative, and at his retirement, was vice chairman of the board, external affairs. He will continue his association with Ashland as director emeritus. He was awarded an honorary Doctor of Law degree by UK in 1978, and became a member of the UK National Alumni Association's Hall of Distinguished Alumni the same year. He was appointed to the University's board of trustees in 1981, and was elected board chairman in 1984.

William H. Reichenbach '52 is a recipient of the Soil and Water Conservation Society Fellow Award for 1988. The award is given for professional excellence and for service to the Society. An area conservationist with the U.S. Department of Agriculture in North Vernon, Ind., Reichenbach is recognized for his involvement and leadership in the development of a campaign to help promote the use of winter cover crops by farmers in Indiana and throughout the Midwest.

Thirlen Osborne '53 has been awarded emeritus status by Gardner-Webb College in Boiling Springs, N.C. Now retired, he joined the faculty in 1957, and was a professor of English, and the faculty editor of the college's literary magazine, *Reflections*.

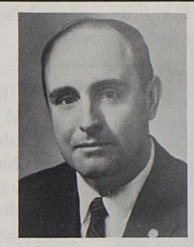
Edythe Hayes '53 is the 1988 recipient of the Lexington Optimist Cup, one of the city's leading awards. The award has been presented annually by the club since 1928 to a citizen "who has rendered outstanding service to the community, primarily through volunteer service." Now in her second year as deputy superintendent of academic affairs for Fayette County schools, she had been assistant superintendent for 15 years. She is a University of Kentucky trustee.

Donald C. Raney '54, department head of Mechanical Engineering at the University of Alabama, has been honored by being named a University Research Professor for the 1987–88 academic year. He has been with U of A for 23 years.

Martin B. Soloman '55, '60, '67 is vice president for computing, communications and information technology at the University of South Carolina.

James V. Duncan Jr. '56 has retired as staff manager in market development for Cincinnati Bell Telephone. He began his career with Bell in 1956 after serving in the U.S. Air Force. He received his MBA from Xavier University in 1963. Duncan is a board member of the Cincinnati chapter of the UK National Alumni Association, and is a life member of the Association. His children, Kathryn and Philip, are both alumni of UK, and also live in Cincinnati.

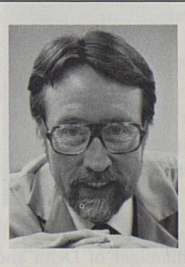
Ray Johnson Jr. '56 area conservationist for the Soil Conservation Service of the U.S. Department of Agriculture in Mt. Sterling, has received a 1988 Commendation Award from the Soil and Water Conservation Society for his efforts as a member of various committees, and for his assistance in carrying out SWCS and Bluegrass Chapter objectives over a long period of time.



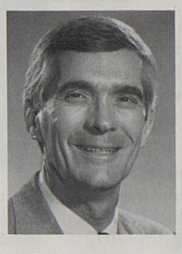
Bob G. Rogers '56 is the 1988 recipient of the Charles Alvin Emerson medal by the Water Pollution Control Federation in recognition of his services and accomplishments. He is manager of management and operations services for Howard K. Bell, Consulting Engineers, Inc. in Lexington. A member of the UK National Alumni Association, he is also a registered professional engineer in civil and sanitary engineering in Kentucky, and a Diplomate in the American Academy of Environmental Engineers.

James W. Smith '57, professor of medicine at the University of Texas Southwestern Medical School-Dallas, conducted an infectious diseases seminar for the Texas Medical Society on a cruise to Alaska aboard the Sea Princess in June. He has published over 85 scientific articles on infectious diseases.

1960s



William E. Edmonston Jr. '60 has been chosen New York State Professor of the Year and one of ten national gold medalists in a program sponsored by the Council for Advancement and Support of Education (CASE). A member of the Colgate faculty since 1964, he is professor of psychology and head of the college's program in neuroscience.



Terry Otten '61 has been named Ohio "Professor of the Year" for 1988 by the Council for Advancement and Support of Education (CASE). He is a professor of English at Wittenberg University in Springfield, where he has earned a reputation as an outstanding teacher, scholar, author and critic.

F. Gerald Ham '62, Wisconsin State Archivist of the State Historical Society, was selected as the first American lecturer in archives to teach in the Soviet Union. Ham gave several lectures and a seminar on U.S. archival practices to Soviet students and archivists.

Anne Shaver '62 is a professor of English at Denison University, Granville, Ohio. She has held NEH Fellowship-in-Residence at both Northwestern and Princeton Universities. Joining the Granville faculty in 1973, Shaver was chair of the English department and recently began a sabbatical.

Peggy A. Stock '63, '69 is president of Colby-Sawyer College in New London, N.H. Before accepting this appointment in 1986, she was vice president for administration at the University of Hartford in West Hartford, Conn.

Richard L. Shell '63, professor and director of industrial engineering in the College of Engineering at the University

of Cincinnati received the Institute of Industrial Engineers Fellow Award. The Award is presented to outstanding leaders in the profession who have demonstrated notable service to the Institute over a period of years. Shell is the first engineer from Cincinnati to be honored with the IIE Fellow Award.

H. Clay Downing '63 is a principal with Burris Associates Architects. He lives in Lexington.

R. William Jewell '63 is the commercial development director, hydrocarbons department, for Dow Chemical in Houston, Texas.

Douglas C. Griffin '63, '65 is vice president of Kenvirons Inc. in Frankfort.

Richard B. Phillips '63 is director of the Marketing Research Division of the Kentucky Department of Agriculture. He operated the family farm in Campbellsville prior to joining the department. His father and 21-year-old son are now handling the day-to-day operation of the purebred Angus farm.

Ann Truitt Hunsaker '64, '67, former chief counsel for the Department of Health and Human Services' Health Care Financing Administration, has joined the Cincinnati-based law firm of Strauss & Troy as chairman of the firm's newly created Health Care Law division. Hunsaker, who had served in the Reagan Administration since 1981, also served as special counsel for the President's Initiatives on Catastrophic Health Care and Medical Malpractice, as well as legal counsel to the commissioner on Social Security.

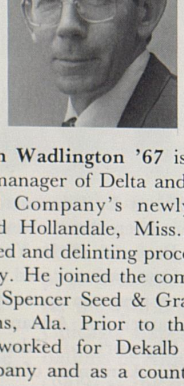
Jo Carol Johnson Stermer '64 is working for the U.S. Army Strategic Defense Command, Huntsville, Ala. The SDC monitors and analyzes the Soviet missile threat.

Paul W. Chellgren '64 is chief financial officer and senior vice president for Ashland Oil, Inc. He is responsible for all of the corporation's accounting, tax, treasury, auditing, planning and analysis functions and Ashland Services Company. He is also chairman of Ashland Coal, Inc. Chellgren is a member of the UK National Alumni Association.

Donald L. Griffin '64, a civil engineer, is project manager for the U.S. Army Corps of Engineers in the Louisville District.

Gary S. Nunley '65 teaches in the English Department at Ashland Community College.

David E. McKechnie '66 is the farm and coal resources manager for Reynolds Metals Company. He previously served as manager of Reynolds farms in Henderson since 1966. McKechnie is active in civic and community affairs, and serves as chairman of the Henderson County School Board. He is a member of the Henderson County Extension Council and the Henderson County Farm Bureau.



Jim Wadlington '67 is general manager of Delta and Pine Land Company's newly acquired Hollandale, Miss., cottonseed and delinting processing facility. He joined the company from Spencer Seed & Grain in Athens, Ala. Prior to that he had worked for Dekalb Seed Company and as a county extension agent. Wadlington served in the U.S. Army and was awarded three Bronze Stars for service in Vietnam.

Phyllis Combs Liebman '67 is state external programs and internal communications manager for IBM in Lexington. She had been site communications manager for IBM Applications Business Systems in Rochester, Minn.

Michael R. Webb '67, '76 is manager of third party programs/mail order for Walgreen Co. He concentrates on outside sales of pharmacy services to third party groups, including health maintenance organizations and preferred provider organizations, and is also responsible for Walgreen's mail order pharmacy operations.

Patrick I. Brown '67 is chairman and professor of anatomy at Marshall University in Huntington, W.Va. He was appointed assistant professor of anatomy in 1975 during the development of the school of medicine at Marshall. He created the school's course in microanatomy and ultrastructure, and has been recognized by students and faculty for his outstanding academic work.

Joe B. Campbell '68 is the recipient of the Kentucky Bar Association's Outstanding Lawyer Award. He is a member of the firm of Campbell, Kerrick, Grise and Stivers in Bowling Green.

John A. Blakeney '68 has been appointed by Brown-Forman Beverage Company as vice president and general manager for the sales territories of Delaware, Washington D.C., and Maryland. He joined the company in 1970 and most recently was senior brand manager for Canadian Mist Canadian Whiskey. He also worked as state manager for Colorado and New Mexico.

Joe Burton '68 is a senior vice president with HDR Engineering in Charlotte, N.C. His experience includes management and administration of transportation programs involving cities, counties, and state and federal governments. Burton, who joined the company in 1983, is manager of transportation programs.

Barry W. Reister '69 has completed his first year as dean of student affairs at Queens College of the City University of New York. A psychologist, he is responsible for supervising a staff that provides all psychological, medical, student activities, financial and other support services to over 17,000 students.

1970s

Willett Howard Rush Jr. '70 is serving as president of the Kentucky Association of Urologists. Rush is practicing medicine in Frankfort and Shelbyville.

Phillip M. Gordon Jr. '70 has joined the staff of the state Division of Disaster and Emergency Services as an operations duty officer in Frankfort. He served as a senior environmental engineering technologist for the state Natural Resources and Environmental Protection cabinet prior to his assignment to DES.

Ronald L. Kissling '71, '72, a senior vice president in the factoring division of The Citizens and Southern National Bank, is vice chairman of Factors Chain International—a worldwide consortium of factors providing export and import accounts receivables management. It is headquartered in Amsterdam, the Netherlands. Kissling is married to

the former **Janie Barber '68.** They are Life members of the UK National Alumni Association.

Frederick G. (Terry) Dempsey Jr. '71 is president of Dempsy Management Services (DMS), a professional association management company he founded in 1968. Dempsey is a past president of the Georgia Society of Association Executives and a member of the American Society of Association Executives. He has earned the professional designation of Certified Association Executive, CAE. He is a Life member of the UK National Alumni Association. He and his family live in Lithonia in Dekalb County, Ga.

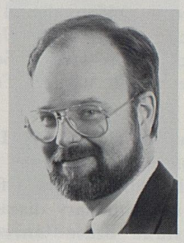
Theodore L. Innes '73, controller of retail operations for Jerrico Inc., has been elected to membership in the American Institute of Certified Public Accountants (AICPA). He is also a member of the Georgia Society of CPAs and the National Association of Accountants.

Denise St. Clair Kaiser '73 has been named an associate in the law firm of Wyatt, Tarrant & Combs. Kaiser also has served as a clerk for the Jefferson County Attorney's office and is currently the vice chair of the State Legislative Advisory Committee on Hemophilia.

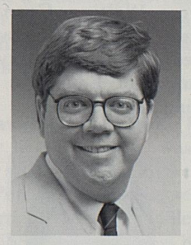
Mary E. Creevy '73, '74 is promotion and communication manager of the Foodservice Division of Oscar Mayer in Madison, Wisc. She joined the company in 1987 as sales promotion specialist of the Foodservice Division, coordinating major trade shows and meetings.

Philip W. Block '74 is vice president of corporate human resources for Ashland Oil Inc. Based in Ashland's corporate headquarters, Block is responsible for corporate human resorces activities including personnel selection and placement, employee benefits, staff planning and other employee relation programs.

Earl L. Calhoun '74, a partner in the firm of York, Neel & Company, has been named president-elect and chapter director of the West Kentucky Chapter of the Kentucky Society of Certified Public Accountants (KSCPA).



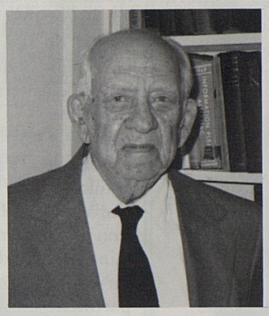
Rick Drewitz '74 is the Kentucky director of Prison Fellowship Ministries (PFM), an international Christian outreach program founded by former presidential aide and Watergate figure, Charles W. Colson.



Ronald D. Hawkins '75 is New York bureau chief at *Cable Television Business.* Prior to that he reported on the cable industry from New York City for *Television Digest.*

Kent C. Trachte '75 is the dean of freshman at Franklin and Marshall College in Lancaster, Pa. He served as a visiting associate professor of political science at Gettysburg College during the 1987-88 academic year. Prior to that he was an associate professor at Long Island University, and from 1979 to 1986 he was assistant professor of government at Clark University, where he was also director of the international relations and model United Nations Programs.

Professor Emeritus: Lester S. O'Bannon '15



Dr. Lester S. O'Bannon, 93, brings honor to the title of professor emeritus of mechanical engineering at Texas A&M.

Dr. O'Bannon is a 1915 graduate of the University of Kentucky where he spent 15 years as a professor and became head of the department of mechanical engineering. He then worked as a research engineer for the Kentucky Agricultural Experiment Station from 1936-1946. He spent the two years following at the University of Michigan as a research engineer and a visiting professor.

A friend informed him that a Professor Crawford of Texas A&M had inquired about hiring a faculty member. He wrote Professor Crawford and shortly received a phone call on a Monday evening in September 1948. After a brief conversation with Professor Crawford, he agreed to arrive in College Station on Friday and to begin teaching the following Monday. Teaching was the key to his coming to Texas A&M.

Dr. O'Bannon's specialty was thermodynamics and heat power dynamics. One student described him in these words, "O'Bannon—Instructor in etiquette, English, mathematics, entertainment, grammar, word study, diction, public speaking and heat engineering." From this description, what more could Dr. O'Bannon have given?

He has had a number of research papers and articles published in engineering and science journals and received an award for his "outstanding work in teaching and advancing the principles of the industry and profession." In February 1986, he was given a special award at the ASME Convention in New Orleans for his interest in economics. As his hobby, he applied his insights as an engineer to the problems of the economy.

In talking to this man, one finds out quickly that he came to A&M to devote his time and energy to teaching. Dr. O'Bannon says, "The content of what we teach changes from hour to hour, but the general principles don't change. Essentially what a teacher does is teach history. Students can't study the future; it will be their responsibility to develop the future."

O'Bannon reflects upon his own future by stating, "I don't like to predict the future or draw conclusions. I just take what comes."

Yvonne G. Katz is a staff member at Texas A&M University where Dr. O'Bannon taught.

Michael S. Jarrell '75 is the general manger of the UK Faculty Club. He has extensive experience in food service and most recently was General Manager of W.W. Cousins in Lexington.

Mark T. MacDonald '75 has been named a partner in the law firm of Wyatt, Tarrant & Combs. He joined the firm in 1981 and is a member of the firm's business law department, handling corporate law and probate and estate planning matters.

Normandi Ellis '76 is director of marketing and public relations for Boulder Graduate School in Colorado. She also is the recipient of Bread Loaf Writers' Conference scholarship in fiction, and is the author of *Awakening Osiris,* a modern translation of the Egyptian Book of the Dead.

Cynthia Marie Snider '77 has received a Master of Divinity degree from The Southern Baptist Theological Seminary in Louisville.

Virgil P. Travis Jr. '77 has received a Master of Divinity degree from The Southern Baptist Theological Seminary in Louisville.

Stephen P. Leet '77 and Susan E. Bower '77 are the recipients of a 1988 Design Award from the New York Chapter of the American Institute of Architects. They designed a project titled "Stadelman House," a small weekend home. They have worked in New York City for 10 years and are the owners of Bower Leet Architects.

Daymon Evans '77 is the medical director of the Skycare, Inc., Aeoromedical Services at Jewish Hospital in Louisville. He has served as an emergency medicine specialist at the hospital since 1984. He previously served on the clinical faculties of Wright State and West Virginia University Schools of Medicine.

John D. Van Meter '78 is administrative vice president of Valvoline Oil Company, a division of Ashland Oil, Inc. He joined Ashland Oil in 1978 and served in the corporate law department until 1983, when he became executive assistant to Ashland Board Chairman John Hall.

Judy Griffin '78, vice president for External Affairs at Midway College, is the national president of the American Business Women's Association (ABWA), which includes more than 2,100 chapters and 112,000 members across the United States. Prior to joining the Midway College administration, she was director of corporate and foundation relations at the University of Kentucky Development Office.

Henry D. Somer '79 is the Eastern regional manager for International Envelope Company. He began with the company as a sales manager in 1982.

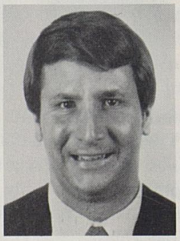
James D. Phillips '79, '84 is program director of the Cumberland Hall of Meharry Psychiatric Unit in Nashville, Tenn. Phillips, who is completing doctoral course work in Educational Administration at George Peabody College for Teachers of Vanderbilt University, was recently named to *Who's Who in American Education for 1988.*

Craig S. Miller '79 has earned an MS in dental diagnostic science from the University of Texas Health Science Center at San Antonio, Texas.

Charles C. Smith III '79 completed his residency in internal medicine, and a fellowship in pulmonary diseases at Louisiana State University Medical School in New Orleans. He is now practicing in New Orleans.

1980s

Donna Redwine '80, who is teaching 7th and 8th grade English in Mercer County, has written and directed a $30,300 Process Writing Grant for grades 7-10. The grant is funded by the Kentucky Department of Education Pilot Writing Projects Fund.



Don Fleming '80 has been promoted by Brown-Forman Beverage Company to wine and spirits specialty market manager for Arizona, California and Nevada. He is based in Anaheim.

Joseph M. Scolnick Jr. '80, professor of political science at Clinch Valley College, has been appointed professor of regional studies at the Air War College, Maxwell Air Force Base, Montgomery, Ala. He will be on leave from Clinch Valley until May 31, 1989.

Cindy Laxton '80 has earned an MA in marriage and family counseling from Southwestern Baptist Theological Seminary in Fort Worth, Texas.

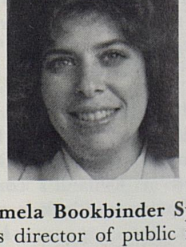
Julie Welter-Rupert '80 is a member of the Futures Golf Tour for the third year. She played as an amateur the first year, in only seven tournaments. Last year, she tested the waters as a pro, playing in 13 events, making this her first full time year.

John J. Rhorer Jr. '81 has been named a partner in the law firm of Wyatt, Tarrant & Combs. He joined the firm in 1981 and is a member of the firm's business law department, handling corporate law, mineral, energy and environmental matters and commercial leasing matters.

Dorothy Moseley Sutton '81, associate professor of English at Eastern Kentucky University and a published poet, was awarded a $700 tuition scholarship to the Bread Loaf Writing Conference for 1988.

Michael Knight '81 graduated in July from a family practice residency at Akron City Hospital, Akron, Ohio. He has joined two other physicians in a family practice in Akron.

Hans Probst Jr. '81, is a lieutenant in the Navy. A civil engineer, he is resident officer in charge of facilities support contracts. He lives in Huntington Beach, Calif.



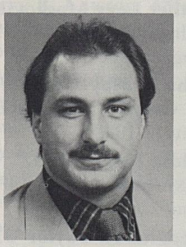
Pamela Bookbinder Spears '82 is director of public information with Northampton Community College, Bethlehem, Pa. She is working for a

Master's degree in human resources administration through the University of Scranton, Scranton, Pa. She is married to **John Spears '81, '82.**

David S. Mitchell '82 has earned an MA in marriage and family counseling from Southwestern Baptist Theological Seminary in Fort Worth, Texas.

William C. Fenwick '82, a Marine captain, was promoted to his present rank while serving with Inspector and Instructor Staff, 24th Marine, Evansville, Ind. He joined the Marine Corps Reserves in 1976.

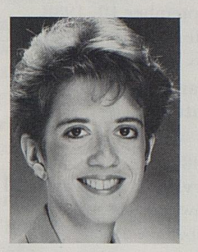
Carole Douglas Christian '82 has been named an associate by Wyatt, Tarrant & combs, a law firm. She previously served on the *Journal of Family Law* and was a summer associate for Woodward, Hobson & Fulton and for Wyatt, Tarrant & Combs in 1986 and 1987 respectively.



Roger Bonn '83 has been promoted by Brown-Forman Beverage Company to Mississippi market manager, based in Jackson. He is married to the former **Catherine Wheat '81.** They are members of the UK National Alumni Association.

Richard B. Preble '83, a Marine first lieutenant, was recently designated a helicopter aircraft commander. He is serving with the 2nd Marine Aircraft Wing, Marine Corps Air Station New River, Jacksonville, N.C.

Ward D. Richards '83 has been named an associate in the law firm of Wyatt, Tarrant & Combs. He previously served as clerk for the Honorable Eugene A. Siler Jr., the Honorable Thomas A. Ballantine Jr., for the Army Judge Advocate General in Virginia and for the Federal Judicial Center in Washington, D.C. In 1983, Richards was a summer intern for U.S. Senator Wendell Ford.



Melissa Salchli '83 is traffic and broadcast manager for Freedman Advertising Inc. She is responsible for bidding and pre- and post-production of broadcast projects, as well as managing the orderly flow of projects through the agency.

David S. Adams '83 has received a Master of Divinity in christian education from the Southern Baptist Theological Seminary in Louisville.

David G. Dickison '83, a Navy lieutenant j.g., was part of a six-month deployment to the Persian Gulf while serving aboard the guided missile frigate USS Reuben James, homeported in Long Beach, Calif.

Ricky B. Clark '83 has received the Juris Doctor degree from Ohio Northern University.

Susan Carole Reeder '84 has received a Master of Divinity degree from Southern Baptist Theological Seminary in Louisville.

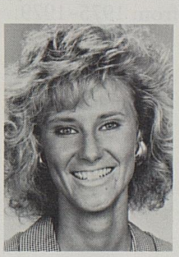
Donald W. Blevins '84, an electrical engineer at the Microelectronic Center of North Carolina at Duke, is a chief researcher for the Blitzen supercomputer project.

Clay W. Campbell '84 is director of events for The Kentucky Derby Festival, Inc. Prior to this position he was events coordinator of the Festival.

Robert W. Vick '84 is the creditline operations officer in Barnett Bank of Jacksonville's (Fla.) Bankcard Department.

Chris Kalb '84 is a business education teacher at Miami Edison High School in Florida, and is adviser for the FBLA.

Terri Naiser Constant '84 is a the wine on-premise market supervisor in Kentucky for the Brown-Forman Beverage Company. She is based in Louisville.



Ann Hochgesang '85 is a medical representative for Syntex Laboratories. Before joining Syntex, she was a sales executive for Cummings International Sign Co. in Nashville, Tenn.

Frank A. Stich '85, a Navy lieutenant j.g. is a member of the crew of the USS Peterson, a destroyer homeported in Norfolk, Va.

Jeffrey W. Fultz '86, a Marine 2nd lieutenant, is with the 2nd Marine Division, Camp Lejeune, N.C.

Joseph Lee Paul '86 is a Navy ensign serving as a supply officer aboard the USS Newport.

Theresa L. Schultz '86 is the media relations coordinator for the Kentucky Department of Travel Development.

Jackey R. Stanley '86, a Navy ensign, is a Naval flight officer after completing the Overwater Jet Naviaoation Phase with Training Squadron-86, Naval Air Station, Pensacola, Fla.

Jeffery W. Fultz '86, a Marine second lieutenant, is on duty with the 2nd Marine Division, Camp Lejeune, N.C.

Dana J. Nelson '86 and **Cynthia L. Hill '87** were married on August 20, 1988. They are living in Great Falls, Mont., where Nelson is a KC-135 Navigator with the Air Force, stationed at Malmstrom Air Force Base.

Regina Abrams '88 is an associate with the law firm of Wyatt, Tarrant & Combs. She was previously the executive editor of the *Kentucky Law Journal* and has won several book awards.

Jennifer Leigh Sapp '88 is an associate with the law firm of Wyatt, Tarrant & Combs. Sapp was on the Moot Court Board in law school and also won the Outstanding Oral Advocate Award.

Michael Haunert '88, a graduate of the restaurant management program in the UK College of Home Economics has been named assistant manager of Chester's Road House in Montgomery, Ohio.

Robert T. Juett '88 is an associate at the law firm of Wyatt, Tarrant & Combs. He has been a clerk at the firm since 1986.

Associates

Joseph L. Fink III, professor pharmacy at UK has been named Kentucky's "Pharmacist of the Year." Fink, who is acting dean of admissions, has served as professor and assistant dean of the UK College of Pharmacy since 1981. He is a graduate of Philadelphia College of Pharmacy and Science, 1970, and Georgetown University, 1973, where he received a law degree. Fink is licensed to practice pharmacy in Kentucky and Pennsylvania and is a member of the Kentucky and the Pennsylvania bar associations. He serves as editor of the "Pharmacy Law Digest."

The Rottgering-Kuegel Agricultural Research and Extension Building, located at the UK Research and Education Center in Princeton, Ky., is named for two farm leaders in Western Kentucky.

Howard Rottgering and **William Kuegal** also received the Thomas Poe Cooper Leadership Award from the UK Ag College for their role in securing funding for the office/laboratory. Rottgering has been an active leader in the programs of the College of Agriculture, especially the West Kentucky substation. He was an early cooperator with the Extension Service, having fertilizer and seed variety test plots on his farm, and continues to have College of Agriculture demonstration plots. His farm has always been a source of new technical information for farmers in West Kentucky. A leader in fruit production, he served as president of the Kentucky State Horticulture Society for three terms.

William Kuegal, a Daviess County farmer, has devoted his life to his family's farming enterprise, and the promotion of good farming practices throughout the state. He has worked continuously for the past 20 years on behalf of the College of Agriculture's capital construction needs. He has served as an agricultural advisor to three governors and was chairman of the Governor's Council on Agriculture from 1975–1979.

Necrology

The University of Kentucky National Alumni Association expresses sympathy to the family and friends of these alumni.

***Hall M. Henry '18**
Leesburg, Fla.
September 10, 1988
Life member, Century Club
UK Fellow

Margaret Helmsing Tuttle '19
Lexington
August 15, 1988

Orville L. Sagabiel '20
Bowling Green
February 1988

***Dewey C. Duncan '22**
Monterey Park, Calif.
May 25, 1988
Life member

Elizabeth Shropshire Addams '22
Atlanta, Ga.
March 21, 1988
Former member of the
UK Art Department faculty

Mary Louise Covington '23
Sarasota, Fla.
August 25, 1988

Elizabeth Ellis Taylor '24, '52
Owensboro
August 26, 1988

Mary Lillard Adams '24
Danville
August 18, 1988

Frances F. Coleman '25
Lexington
October 3, 1988

***Elizabeth Cromwell Kremer '25**
Lexington
September 26, 1988

***David A. Newton '26**
Wells, Vt.
April 4, 1988
Life member

Frank O. Alexander '26
Ridgewood, N.J.
Date unknown

James F. Thomas '27
New Castle
October 8, 1987

***Gilbert H. Karnes '28**
Lebanon
February 1986
Life member

M. Eugene Schafer '29
North Canton, Ohio
January 14, 1986

Elma Emma Taylor '29
Independence
March 1987

Joe B. Brown '31
Lexington
September 2, 1988

Mary Cleek Orem '31
Birmingham, Ala.
February 12, 1988

Mary Saunders Hetzel '32
Lexington
July 12, 1988

Flora Scoggan Cates '32
Apopka, Fla.
February 11, 1988

Minnie Harris Sutherland '33
Prestonsburg
July 27, 1988

James R. Allen '33
Ft. Wayne, Ind.
June 9, 1988

Elizabeth Montaque Jackson '34
Lexington
September 12, 1987

Amelia Sloan Gardner '34
Louisville
September 1, 1986

***Esther Levy Moskovitz '34**
Belmont, Calif.
August 1988

***John S. May '36**
St. Croix, Virgin Islands
June 3, 1988

***Eddie F. Daniel '37**
Lexington
May 22, 1988

***Hedgina A. Taylor '37, '52**
Paris
September 10, 1988

***Paul E. Carraco '37**
Carrollton
January 28, 1988
Life member

***Thomas S. Gore Jr. '38**
West Long Branch, N.J.
February 25, 1988
Life member

Clementine C. Scott '38
Louisville
March 11, 1988

***Benjamin T. Brewer Jr. '38**
Weslaco, Texas
July 17, 1988

Mildred Lemons Kitchen '38
Sadieville
September 6, 1988

***Harold R. Binkley '38, '49, '55**
Lexington
October 4, 1988

George W. Kurr '40
Fair Lawn, N.J.
December 1987

***Vie Crutcher Wright '40**
Louisville
July 27, 1988
Life member

Fannie Pirkey Lloyd '40
Ronnert Park, Calif.
September 6, 1988

Margaret Erskine Caldwell '45
Danville
March 26, 1986

Barry Bingham Sr. '47 (H)
Louisville
August 15, 1988
UK Fellow

***William S. Evans II '47**
Lexington
September 20, 1988

***Thomas M. Pogue '48**
Dallas, Texas
August 25, 1988

***Harry R. Lawson '48**
Birmingham, Ala.
February 9, 1988

Ashley St. Julian Mixson '48
Frankfort
July 25, 1988

Joseph E. Marks III '50
Lee, Mass.
July 26, 1988

David C. Graves Jr. '50
Lexington
July 10, 1988

***Marvin Eblen '50**
Bardstown
August 21, 1988

***William H. Sammons '52**
College Park, Md.
April 21, 1988
Life member

Clarence D. Harmon '53
Pine Knot
August 30, 1988

Harlan Kriener '54
Danville
August 29, 1988

***Albert Norman Cox '54, '64**
Lexington
October 3, 1988
Life member

Francis L. Baker '55
Cynthiana
August 3, 1988

Don W. Robinson '56
Harrodsburg
August 20, 1988

Lowell E. Wilson '57
Auburn, Ala.
September 9, 1988

Maude Horn Vines '57
Centerville, Ohio
September 23, 1988

Jim R. Maynard '58
Lexington
September 10, 1988

Owen B. Smith '59
Lexington
August 6, 1988

Ann Strombeck Stephenson '67
Owego, N.Y.
August 20, 1987

Harvey N. Grannis Jr. '68
Ewing
February 16, 1988

***Judson S. Harmon '69**
Whitley City
February 15, 1988

Nancy Bryant Hynson '71
Lexington
August 29, 1988

Charles E. Justice '78, '81
Lexington
September 20, 1988

***Eslie Asbury '85 (H)**
Cincinnati, Ohio
September 4, 1988

Bruce L. Risen '86
Lexington
April 25, 1988

John Douglas Syers '88
Louisville
September 24, 1988
UK Basketball Team Manager

***Alvin C. Hanley**
Frankfort
December 14, 1987

***Eleanor Duncan Busey**
Bagdad
May 16, 1988

***Davis T. McGarvey**
Georgetown
July 18, 1988

Estill Massey
Lexington
July 18, 1988

Frances Crouch Adams
Nicholasville
November 15, 1987

***John P. Jarvis**
Georgetown
May 2, 1988

***John F. Dooley**
Lexington
September 27, 1988

Howard C. Bowles
Alexandria, Va.
March 24, 1988

Florence Ramey Purnell
Nashville, Tenn.
August 17, 1988

***Ernest B. Foley Jr.**
Lexington
September 18, 1988

Harold C. Aitken
Frankfort
March 6, 1988

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

Presidential Perspective

. . . A New Year is here

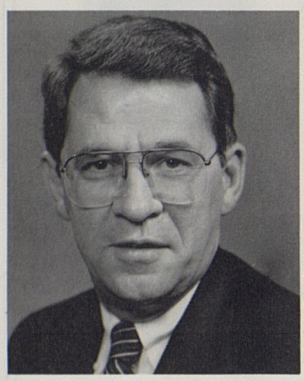
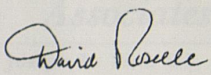


Photo: Ron Garrison



• We are thus reminded that we have had many positive things to rejoice about at the University of Kentucky in the year just past, such as:

• An outstanding freshman class in 1988, with entrance exam scores substantially above the national average. UK's freshman classes have improved steadily in quality since a selective admissions policy was instituted in 1984.

• Applications for the 2,600 slots reserved for the freshman class exceeded 11,000, a record.

• Record-high enrollment of nearly 56,000 students for the University—23,000 on the Lexington Campus and 32,500 in the Community College System.

• UK faculty have attracted record outside support for the University. The $54.2 million attracted in grants and contracts ensures that the University will retain its ranking by the Carnegie Foundation as a Research University of the First Class.

• UK's friends provided record private support. We are delighted that 210 of our supporters became new UK Fellows, the most ever in one year.

As you know, along with these positive things, we have had some problems. In particular we have had the nagging investigation of our basketball program. Resolution of the NCAA allegations is a high priority for UK. We remain committed to a competitive intercollegiate athletic program. But we are also committed to administration of these programs in a manner that is fair to the student-athletes and compliant with NCAA regulations. Our athletic programs must reflect the values of the institution.

With the help of our alumni and friends we will see this problem through. In the end, I believe, we will have a better athletics program.

It is also traditional at the end of a year to mention goals, our New Year Resolutions, if you will. Just briefly some of them are:

• To provide maximum access to higher education opportunities, mainly through our Community College System. The future of Kentucky lies in the opportunity of its citizens to become better educated. Economic development will come, but a good educational system statewide—from kindergarten through college—must come first.

• To improve the salaries of UK faculty and staff. We hope that you will tell your governmental leaders that you want the best higher educational opportunities possible, and that it starts with attracting and keeping good employees in our universities.

• We will be accountable to the public. We agree with those who say "demand the best of UK, provide the funds needed, and hold the administration responsible for the results."

• We will make our best effort to attract outstanding students to UK.

• To enhance the graduate education and research capabilities of UK. Improvements in these areas are already evident, and we want to continue to do more. We believe that further emphasis on graduate education and research is appropriate and important to our Commonwealth.

• We also want to promote involvement in UK among the citizens of the Commonwealth and all of our alumni. We look to our traditional programs of agricultural Extension, continuing education, affirmative action, fine arts programming, etc., offered under the sponsorship of the Lexington Campus, Medical Center, and Community College System to prove that the University of Kentucky is truly the university of all Kentuckians.

In the New Year ahead, please join us in working toward these goals. You have much to be proud of in being a graduate of this institution, and there is much to look forward to as UK moves into 1989.

Official University of Kentucky Watch

A Seiko Quartz timepiece available for a limited time only.
Featuring a richly detailed three-dimensional re-creation of the University Seal on the 14 kt. gold-finished dial.
Electronic quartz movement guaranteed accurate to within fifteen seconds per month.
Available in wrist watch and pocket watch styles.
Satisfaction guaranteed or returnable for full refund.
Full three-year Seiko warranty.

For faster service, credit card orders may be placed weekdays from 9 a.m. to 9 p.m. (eastern time) by telephoning toll free 1-800-523-0124. Pennsylvania residents only should call 1-800-367-5248. All callers should then request to speak to operator 1144K.

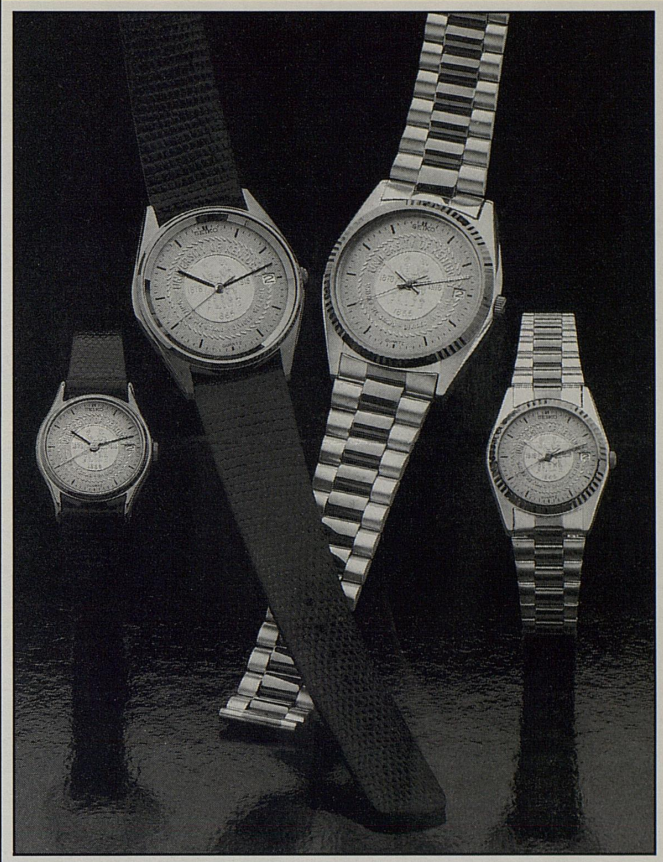


Illustration reduced. Actual diameters of watches are as follows: men's watches 1⅜" and ladies' watches 1⅜". Pocket watch with matching chain also available. Diameter of pocket watch: 1½".

Detach order form below. Mail orders should be sent to The University of Kentucky Alumni Association, c/o P.O. Box 511, Wayne, PA 19087.

Personal Reservation Form

OFFICIAL UNIVERSITY OF KENTUCKY WATCH

I understand that the Official University of Kentucky Watch featuring a richly detailed re creation of the University Seal on the three-dimensional dial is being made available for a limited time only. Please accept my order for the following Official University of Kentucky Watche(s):

_____ Ladies' Seiko Quartz Wrist Watch with Leather Strap (#KEN-SLS87) @ **$200*** each.
QUANTITY

_____ Men's Seiko Quartz Wrist Watch with Leather Strap (#KEN-SMS87) @ **$200*** each.
QUANTITY

_____ Ladies' Seiko Quartz Bracelet Wrist Watch (#KEN-SLT87) @ **$230*** each.
QUANTITY

_____ Men's Seiko Quartz Bracelet Wrist Watch (#KEN-SMT87) @ **$230*** each.
QUANTITY

_____ Seiko Quartz Pocket Watch (#KEN-SPK87) @ **$230*** each.
QUANTITY

All purchasers please add $5.75 per watch for handling and insured shipping charges.
**On shipments to Pennsylvania only, please add 6% state sales tax.*
(Handling and shipping charges are not taxable.)

I wish to pay for my watch(es) as follows:

☐ By a single remittance of $_____ **made payable to "Official University of Kentucky Watch"**, which I enclose.

☐ By charging the amount of $_____ ☐ AMERICAN EXPRESS ☐ VISA ☐ MasterCard to my credit card indicated below.

Full Account Number: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Expiration: Mo. ☐☐ Year ☐☐

SIGNATURE _____

MAIL ORDERS TO:
THE UNIVERSITY OF KENTUCKY ALUMNI ASSOCIATION
c/o Post Office Box 511
Wayne, Pennsylvania 19087

Please allow 6 to 8 weeks for shipment.

PLEASE PRINT PURCHASER'S NAME CLEARLY. IF "SHIP TO" ADDRESS IS DIFFERENT, PLEASE ATTACH SHIPPING ADDRESS TO ORDER FORM.

NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____

CREDIT CARD PURCHASERS MAY CALL TOLL FREE 1-800-523-0124; PA. RESIDENTS ONLY SHOULD CALL 1-800-367-5248. CALL WEEKDAYS FROM 9 A.M. TO 9 P.M. (EASTERN TIME). ALL CALLERS SHOULD ASK FOR OPERATOR 1144K.

UK NATIONAL ALUMNI ASSOCIATION
Helen G. King Alumni House
400 Rose Street
Lexington, KY 40506-0119

Address Correction Requested

Non-Profit Organization
U.S. POSTAGE PAID
University of Kentucky
Alumni Association

UK music professor Vince DiMartino performs a trumpet duet with Doc Severinsen, band leader of the "Tonight Show," at Riverbend in Cincinnati. An album of their session, along with soloists Dave Brubeck, Buddy Morrow, Cab Calloway and Doc Severinsen, backed by the Cincinnati Pops Orchestra was released October 24.