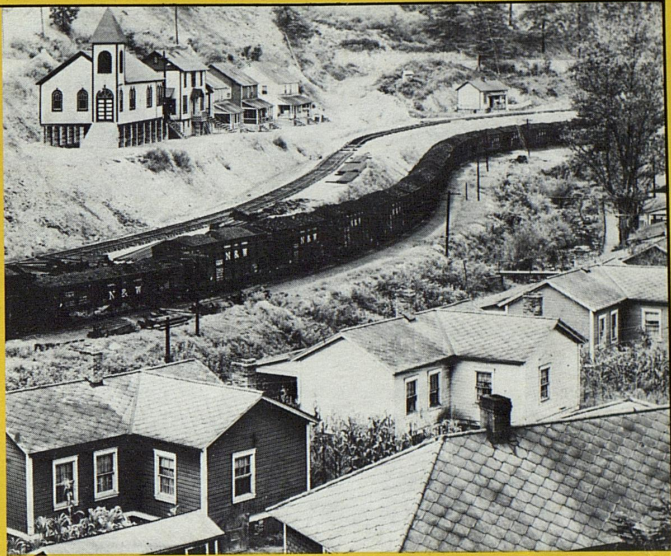


summer 1980

Kentucky

Alumnus



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cover:

Scientists at the Wenner-Gren Research Laboratories investigate "whole body oscillation" as a way of preventing muscle atrophy in outer space. Research with the UK herd has made sheep raising a profitable industry in Kentucky. Appalachia provides social researchers with a window on the world. Photo by Russell Lee from the UK Archives Collection

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the kentucky alumnus

Summer 1980

vol. 50 no. 3

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uk has greatly enhanced its position as a leading research institution in the u.s. through a concerted effort.

8 for humanity's sake

whenever university research involves human subjects, a professor's methodology is scrutinized to protect the volunteers. new funding sources encourage research into ethics and values.

10 on the medical frontiers of health

medical research at uk ranges from the basic to the applied, from the mechanisms of disease to the methods of teaching health professionals.

12 down on the farm

as a land-grant university, the college of agriculture plays a principle role in the development of the commonwealth. one example is the research done on uk farms.

14 the beowulf mystery

a uk professor, in his research on the original beowulf manuscript, has set the world of literature on edge with a new theory and some new evidence.

15 appalachian studies center

it was once considered provincial to study the riches close to home, but now appalachia is a respectable topic for academic observation and exploration.

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fatalism is a documented trait of the people of the region. a poem by james still '78 and photographs compiled by appalshop reveal a bit of the soul of appalachia.

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23 an appalachian gentleman

the life of dr. paul bryan hall is one life that has made a difference and he's glad it did.

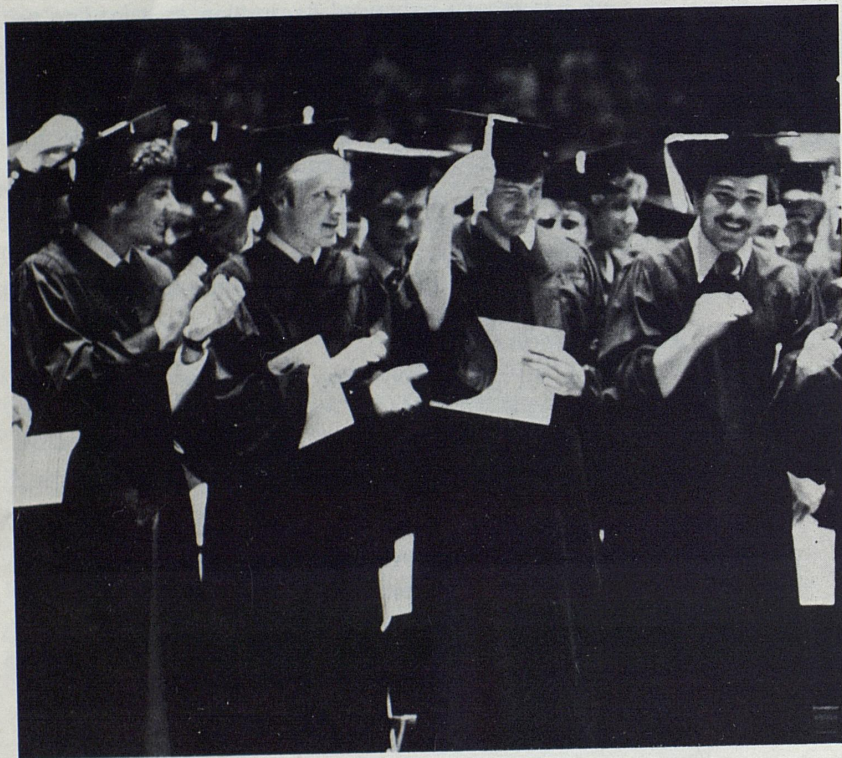
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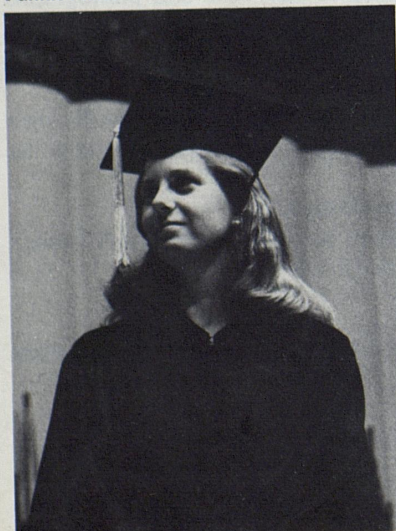
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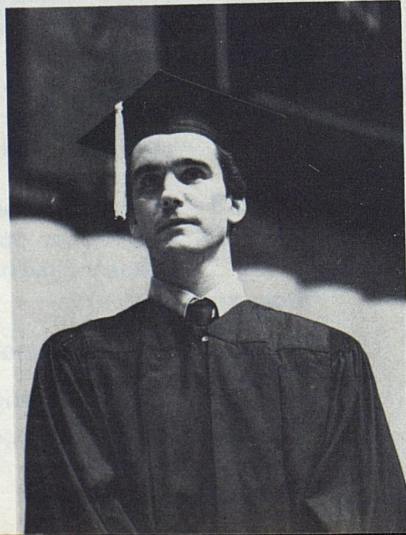
Around Campus Briefly



Fannie Miller



Kyle Macy



The Hallelujah Chorus

Graduating from college is something to cheer about. It's the culmination of years of hard work and good times; the attainment of a long-sought goal.

At the University of Kentucky's 113th commencement May 10, some 5,600 students received degrees and a number of coveted awards were bestowed on students, faculty members and friends of the University.

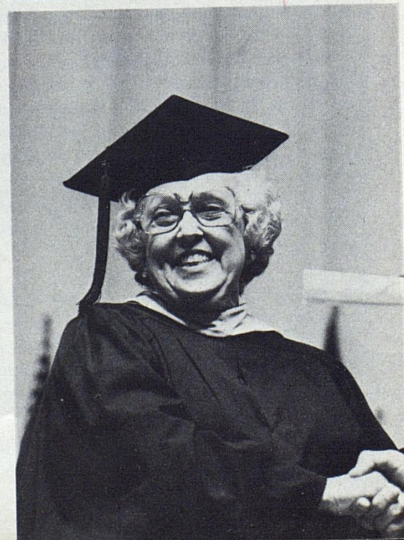
Sullivan Awards

The Sullivan Medallions are among the highest honors presented each year at the UK commencement. The awards were established in 1925 by the New York Southern Society to honor the memory of Algernon Sydney Sullivan, a distinguished lawyer and philanthropist in New York City. Fifteen leading colleges and universities in the South, including UK, were selected to present the medallions annually.

Recipients this year are Fannie H. Miller, Lexington, and students Martha Stout Butler, Woodford County, and Kyle Macy, Peru, Ind.

A native of Winchester, Mrs. Miller received bachelor's and master's degrees from UK. She was a supervising teacher of English, speech and drama

Martha Stout Butler



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and then a substitute teacher at the old University High School from 1936 to 1959. In 1962 she became coordinator of student teaching in the UK College of Education and, in 1966, an assistant professor.

Mrs. Miller has been vice chairman and secretary of the Lexington Public Library board and was instrumental in the establishment of the Southland Branch and the Josephine Emrath Branch of the library. She also has been a member of the Governor's Commission on Women.

A native of Ithaca, N.Y., Mrs. Butler did her student teaching at Woodford County High School. She worked closely with several students and visited them at their homes, on farms and where they work.

This year she served as chairman of the UK Student Health Advisory Committee, and with her husband, Gregory E. Butler, plans and conducts all youth activities at Pisgah Presbyterian Church.

She also is secretary of the UK Agriculture Education Society.

Macy not only has distinguished himself on the basketball court but he also has devoted himself to the needs of humanity.

The two-time All-American and 1979-80 SEC player of the year has participated in many state, local and campus activities. The most notable are events sponsored by the Kentucky Diabetes Association, Cystic Fibrosis Association, drug abuse programs and the National Collegiate Athletic Association.

Honorary Degrees

John Shively Knight, founder of the Knight-Ridder newspaper group, received the Doctor of Letters degree and Edward F. Prichard Jr., Frankfort attorney and former vice-chairman of the Kentucky Council on Higher Education, received the Doctor of Laws degree.

Knight, a native of Bluefield, W.Va., began full-time work in journalism in 1920. His inheritance of the *Beacon-Journal* of Akron along with another Ohio newspaper became the base of the Knight newspaper group.

After the 1974 merger with the Ridder newspaper group, Knight became chairman of a company that includes 35 newspapers with a circulation of 3.6 million.

Knight twice has been president of the American Society of Newspaper Editors and has won almost every major journalism award, including the 1968 Pulitzer Prize for distinguished editorial writing and the 1976 Fourth Estate award of the National Press Club. Knight lives in Akron.

Prichard a native of Bourbon County, served as a law clerk to U.S. Supreme Court Justice Felix Frankfurter. He later held key posts in the administration of Franklin D. Roosevelt. He also was general counsel to the Democratic national committee.

Prichard has practiced law in Frankfort for many years. Until recently he was vice-chairman of the Kentucky Council on Higher Education, a post he had held from the inception of the council. He is well known for his successful efforts to provide quality education in Kentucky.

Sturgill Award

Another top award went to Dr. H. Wyman Dorough, director of the UK Graduate Center for Toxicology, who won the \$2,000 William B. Sturgill Award for outstanding contributions to graduate education at UK. Sturgill, chairman of the UK Board of Trustees, established the annual award.

Dorough is one of the founders of the UK Center for Toxicology which now has 42 graduate students and 22 faculty members from 13 departments in four colleges.

Persons holding doctorates who were personally supervised by Dr. Dorough now are found in high positions in the U.S., Thailand, Taiwan, India, and other locations.

Research Awards

The UKRF award recipients are Dr. James R. Barclay, educational psychology; Dr. Allan Butterfield, chemistry; Dr. Charles P. Roland, history, and Dr. Fred W. Zechman Jr., physiology and biophysics.

The UK research professorships were established in 1977. They permit recipients to devote full time to research for one year. Supported by the University of Kentucky Research Foundation (UKRF), the professorships are designed to enhance and encourage scholarly research productivity, to recognize outstanding research achieve-

ment and to demonstrate UK's commitment to research.

Dr. Barclay, a professor in the UK College of Education, is the author of several books

He has worked for a number of years on the development of an assessment system for elementary and junior high school children. This system has been used around the U.S. and provides direct prescriptive suggestions to teachers, counselors and parents for improving individual learning styles.

Dr. Butterfield, who came to UK in 1975, has won international recognition for his investigations into Muscular Dystrophy and Huntington's Disease suggesting that both are diseases of cell membranes.

Butterfield's research in MD was the first to demonstrate that this disorder is associated with a generalized cell membrane defect. More recent work has localized the defect to the exterior surface of the cell membrane and future studies will seek to define more closely the molecular nature of this cell surface defect. In these studies, Butterfield has collaborated with Dr. William Markesbery, UK professor of neurology and pathology.

Dr. Roland, a nationally prominent historian of the South, came to UK in 1970 to occupy the Alumni Chair of History. The University Press of Kentucky published his book, "The Improbable Era: the South Since World War II," in 1975 and named him editor of the series "New Perspectives on the South."

Roland also is currently at work on a biography of former Kentucky Gov. A.B. (Happy) Chandler.

Dr. Zechman, professor and chairman in the UK department of physiology and biophysics, has had longterm support in his studies in aerospace physiology and the regulation of respiration from NIH and the U.S. Air Force.

At the Aerospace Medical Laboratory in Ohio, he conducted research into the effects on pilots and astronauts of sustained forward acceleration and at UK's Wenner Gren Laboratory he studies the effects of whole body vertical vibration on respiratory mechanisms and ventilation.

UK President Otis Singletary also recognized recipients of the UK Alumni Association Great Teacher awards. □



Oh Sunny Day

John F. "Sunny" Day '35 made the most of his annual trip to Lexington this year. Day, editor and publisher of the *Exmouth (England) Journal*, was inducted into the UK Alumni Association's Hall of Distinguished Alumni; initiated into Phi Beta Kappa and featured in the 1980 Joe Creason Lecture Series.

Day compared the quality of media in the United States and in Great Britain. In nearly every case he gave the higher rating to British journalism.

"I loathe almost everything on American TV except the news and documentaries," he said. "The cliches that abound in American soap operas and situation comedies are rare in English newspapers and television scripts. A greater appreciation for really fine writing and a broader scope of interest distinguishes British from American products," he added.

Day also took issue with TV commercials. In Britain, advertisements are spaced at half-hour intervals whereas Americans are subject to a sales pitch about every ten minutes.

He pointed out that Watergate could never have happened in England. He noted that censorship and murky libel laws place greater constraints on the British press.

"There are no libel laws per se in Britain just as there is no constitution. Libel is based on case law so it's difficult to know what you are getting into.

"Reporters can say almost anything about politicians in America, but you can't in Britain. Sometimes I think the

American press goes too far, but I wish we would reach a happy medium."

Before taking up residence in Britain nearly 20 years ago, Day was news director and then vice president for CBS News from 1955-1962. While vice president, Day won two Emmy awards, one for coverage of the Cuban revolution; the other for production of "Years of Crisis". He also won the George Foster Peabody broadcasting award for the radio series "The World Tonight". Day is also the author of "The Bloody Ground" which deals with Eastern Kentucky.

Nursing

A cooperative graduate degree program in nursing has been formed by the University with Western, Northern and Morehead State universities.

The program is designed for working nurses who wish to further their education on a parttime basis. Studies in clinical adult nursing will be available on all the campuses. The courses will be taught by UK faculty, and clinical learning experiences will be provided by local health care agencies.

Degrees will be awarded by UK, and it is estimated that students in the pro-

gram will be able to earn their degree in an average of two to 2 1/2 years. In addition to the clinical adult nursing program, parent-child nursing studies will be offered at Morehead.

Seven men, seven years

Avinash Sathaye has become the seventh mathematics department Sloan fellow in seven years.

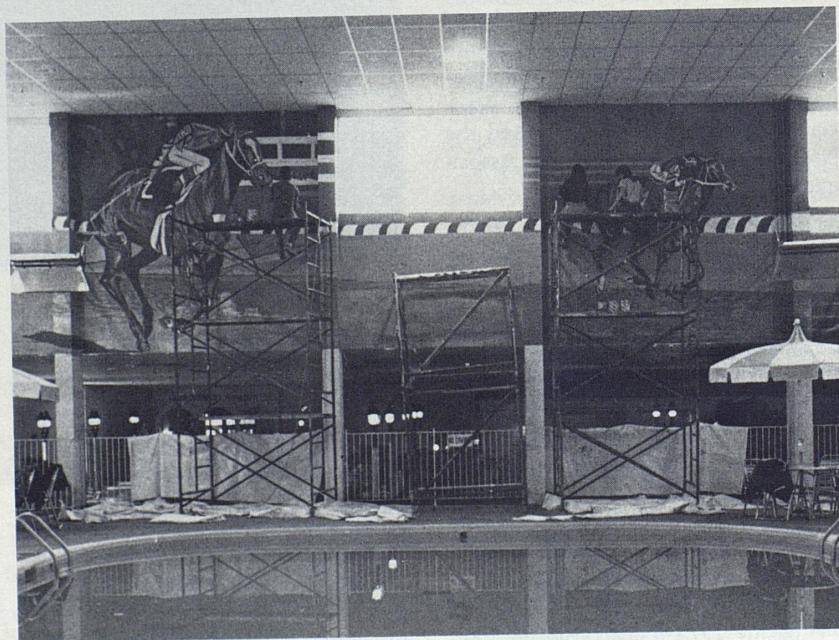
Sathaye will receive a two-year stipend for study at the Sloan Foundation in New York City.

The first mathematics faculty member to receive the prestigious honor was T. A. Chapman in 1973. He was followed in 1974 by Kenneth Kubota.

A winner of the 1976 award, Daniel Kubert, transferred to the University department of mathematics after being named a Sloan Fellow at another institution. The winner in 1978 was Steve Ferry.

Last year there were two, Craig Evans and Frederick Cohen.

The Sloan Fellowship is for basic research. □



UK art students conquered the fear of heights to paint this mural for Lexington's Holiday Inn—North on Newtown Pike. Designed by UK senior Vicki Lynn Mullins, the mural is 20 feet high and 72 feet long. It is divided into four sections and shows the traditional Kentucky horse race with the two horses and their riders heading for the finish line.

Sports Gleanings

The Final Tally

The UK Rifle team won the Southeastern Conference (SEC) title again in 1980. The rifle team has won the SEC championship four of the last five years. Four of the five varsity shooters placed in the top twelve with Mitch Kirchner in the number one spot. With the SEC tournament title and the All-American tournament title, the UK rifle team compiled its best competition record to date.

In *wrestling*, UK placed second in the conference and Ricky Dellagatta at 126 lbs. was named the outstanding wrestler of the year. Dellagatta (126 lbs.), Curtis Longstreet (134), Earl Rayford (142) and Harold Smith (hwt) each took the decision in their respective championship finals.

The *baseball* Wildcats posted a 25-21 overall record in 1980 winning eight conference games and losing eleven. Pitching most often for the Wildcats were Jeff Keener (7-4), Tim Brandenburg (3-4), Mark A. Martin (4-1). Leading batters were Jeff Shartzler .341, Dan Pototsky .338, Greg Ryle .328 and Jim Leopold .309.

Seven was the magic number for four of the men's sports at UK this year with the *golf*, *tennis*, *track* and *swimming* teams each finishing seventh in the SEC.

The men's *golf* team placed seventh in the SEC championships with team round totals of 312-304-307. Pat Stephens and Jim Volpenhein, both sophomores, led the five man team with three-round totals of 226 each.

The *tennis* team finished the regular season with a 20-12 record. The Wildcats placed seventh in the Southeastern Conference and swept its last three matches, with an 8-1 victory over East-

ern Kentucky, a 9-0 shutout over Louisville and a 6-3 win over Morehead.

In *track*, the Wildcats, scored 59 points and Mark Nenow was runner-up for the Commissioner's Trophy in the SEC meet.

Nenow, who was first in the 5,000 and 10,000 meters, totaled 20 points behind Alabama's James Mallard's 23 points, for top individual honors.

"I thought I would be able to contend in both events," Nenow said. "I'm having a good year this year. I qualified for the Olympic Trials earlier and so that's going to keep me busy for awhile."

High Jumper Marvin Mays, a sophomore from Danville, set a Southeastern Conference and UK record with a jump of 7 feet 3 1/2 inches.

Hamil Grimes, an All-American, placed first in the 400 meters with 46.05, a new UK record.

Junior Dave Bensema also qualified for the NCAA meet in Austin, Texas June 5-7.

Pat McCulla placed third in the discus with a throw of 187-feet, 5-inches.

The UK *swimming* Catfish posted a 7-3-0 dual meet record in 1980. Mark Russell, a sophomore, placed sixth in the conference in the one meter dive despite a broken hand mid-way through the season.

For the sixth straight year the *Ladykats tennis* team captured the state championship. The Ladykat team was undefeated in the Kentucky Women's Intercollegiate Conference (KWIC) and 10-3 overall. In other tournaments, the Lady Kats placed third in the LadyKat Invitational, sixth in the Indiana University Invitational and the SEC tournament and seventh in the Clemson University Invitational.

The *LadyKat golfers*, led by Anne Rush and Tennyne Ohr, played in eleven

invitational contests. They were fourth out of 14 teams at Appalachian State; seventh of 17 at Michigan State; 16th of 20 at Tucker New Mexico; second of 20 at Indiana University; 13th of 24 at the Tar Heel Invitational; seventh of 15 at Beacon Woods; 14th of 24 in the Lady Palladin; 4th of 15 in the Lady Kat Invitational; 2nd of 16 at Marshall; 14th of 15 in the Women's Southern Intercollegiate, and first of eight teams at Bowling Green State University.

In *volleyball*, the Lady Kats posted a 28-10-1 record; 5-2 in the KWIC. The team placed first in the SEC Tournament of nine teams. Kim Clay and Mary Freitag were named to the all-tournament team.

In women's *cross-country*, the Lady Kats competed in five invitationals. They were second in the Joe Binks; 4th of 11 in the Kentucky; 1st of six in the KWIC state meet; 4th of nine in the Indiana and 2nd of 3 teams in the Lady Vol Invitational.

Stolen Goods

The high price of silver in mid-April may be the reason that 14 trophies were stolen from the display cases in Memorial Coliseum.

Among the irreplaceable items are the NCAA championship silver bowls of 1948, 1949, 1951 and 1958; the National Invitational Tournament trophy of 1946 and the Sugar Bowl trophies of 1948-49 and 1949-50.

UK officials fear the trophies were melted down for their silver content.

Plus Two

UK has signed a two-year, home-and-home basketball game contract with the University of Notre Dame. The current series contract ends with this year's December game in Louisville.

"The first game of the new contract will be played in the Commonwealth of Kentucky," said UK athletics director Cliff Hagan.

The 1982 game will be played at Notre Dame's Athletic and Convocation Center (seating 11,345) in South Bend.

Hagan indicated the Wildcats will continue to play at least one game per year in Louisville. □

At the leading edge

By Betty Tevis

Some \$32 million in sponsored research was funded on the campus last year through the Office of Sponsored Projects Administration/University of Kentucky Research Foundation (OSPA/UKRF).

These funds and additional funds to the Tobacco and Health Research Institute and the UK College of Agriculture, plus other outside support, amount to some \$42 million, making the University of Kentucky a major research institution.

This is all money that comes from outside UK, most of it from one or another agency of the U.S. government, the state of Kentucky, industry or private foundations.

It is money that has added inestimably to the quality of the faculty and education at UK and the reputation and value of every UK diploma.

Sponsored research has acquired for the University thousands of dollars worth of sophisticated laboratory equipment, salaries for thousands of graduate students and post-doctoral fellows, travel for countless professors and their research aides who attend scholarly meetings.

The indirect costs of research—usually about 63 percent of the salaries and wages paid to researchers on a given research award—are reimbursed to the host university by the funding agency.

Somewhat less than 10 percent of UK's revenue from indirect-cost recovery generated by research awards, is budgeted for salaries and other operating costs of the OSPA/UKRF office. About one-third comes to the University as unrestricted income, and about two-thirds goes through the office of the dean of the Graduate School and coordinator for research for the support

of research, for graduate fellowships, for research equipment, for research professorships, and the like.

From its offices in Kinkead Hall, OSPA/UKRF has lately reorganized itself and has decided at about the same time to become more visible and assertive than in its low-profile past. In particular, OSPA/UKRF wants to urge more faculty members to apply for more research dollars.

"There's all kinds of money out there," says Dr. Phillip Roeder, UK associate professor of political science and also associate director of UK's James W. Martin Graduate Center for Public Administration.

Roeder should know. He has just returned to political science from an eight-month assignment as OSPA/UKRF's first "faculty associate."

Roeder's "all kinds of money" amounts to billions of dollars, says OSPA/UKRF director, James McDonald.

"Research is costly," he goes on. "It requires space, equipment, graduate students, technicians and post-docs."

Says Wesley Leach, OSPA/UKRF associate director, "Sponsored research gives professors a chance to do what they want to do."

Dr. Wimberly Royster, dean of the UK Graduate School and coordinator for research, says that of the faculty UK hired in 1965 to 1975 those who immediately come to mind as having "established themselves" are Kenneth Coleman, political science; David Prior and John Rawls, biological sciences; Tom Chapman and Steve Ferry, mathematics; Eric James and John Van Nagell, medical center, and John Christopher and Keith McAdam, physics and astronomy, a list not meant to be exhaustive.

And, adds Royster, "senior faculty members continue to bring in grants." One thinks, again not exclusively, of A.E. Blackhurst, special education; "Marty" Martinson, human development; Fred Zechman, physics and astronomy, and Wyman Dorough, entomology.

"We are going after research dollars in an organized and intensive way," Royster says. "There's a larger number of faculty members nowadays interested in getting outside funding."

In the effort, UK undoubtedly has the blessings of the state Council on Higher Education (CHE) and the Legislative Research Commission (LRC) which in 1979 published a study on "Federal Research and Development Funding in Kentucky." Among the recommendations: there should be an increase in the number of federal grant proposals written, and there should be an increase in "active support" of research and development from federal and state legislators and state and university administrators.

CHE and LRC also recommended that universities develop a "focal point"—an area of interest—in research and development. The agencies also suggested that state funds be appropriated to the state-supported universities for "start-up" or matching funds for federal research and development projects.

UK's present focal point may well be in the College of Engineering and the College of Medicine, which each account for a hefty share of federal dollars invested at UK.

The Thomas Hunt Morgan School of Biological Sciences does well in garnering research funds; so do such College of Arts and Sciences departments as chemistry, physics and astronomy, mathematics, political science and anthropology.

Within the College of Education, such departments as special education, vocational education and health, physical education and recreation all bring in a good share of dollars from Washington.

In Kentucky, UK brought in 73 percent of all research-and-development dollars that came to the state in 1976, the most recent year for which such figures are readily available.

UKRF was founded in 1945.

The research foundation is a private, non-profit corporation through which grants, contracts and gifts are received, invested and expended. UKRF works hand-in-glove with the Office of Sponsored Projects Administration (OSPA),

a unit in the Office of the Dean of the Graduate School and Coordinator of Research which administers extramural funds that come into UKRF.

The OSPA staff is responsible for "the solicitation and administration of grants, contracts and gifts for conducting basic and applied research."

A brief history of UKRF by staff member William Schveri says that at the end of its first year, "the total general fund assets of the Foundation were \$1,929, not an auspicious beginning."

In the 1970s UK came into its own as a research institution and OSPA/UKRF became increasingly sophisticated.

The administration of a grant—including a myriad of record-keeping details and expenditure monitoring—is a UKRF function that employs a cadre of specialists. Other staff members help develop their grant proposals.

OSPA/UKRF describes itself in part as "a liaison between UK and Washington." No week goes by without at least one OSPA/UKRF staff member and a couple of faculty members flying to the capital to call on the National Science Foundation, the National Institutes of Health, the Department of Health, Education and Welfare, the Administration of Aging, or some other federal agency strong in research dollars.

On days staffers are not in Washington, UK is represented there by the American Association of State Colleges and Universities, a consortium to which it belongs.

The OSPA/UKRF staff offers this advice:

It's good for faculty members to try to find funding sources compatible with their strengths; at the same time, by the very nature of federal funding, it's necessary for the faculty member's interest to be compatible with the funding agency's mission and priorities.

With the aid of the OSPA/UKRF staff, faculty member and agency get together often. Among such pairings: between the UK College of Education and the Appalachian Regional Commission and the U. S. Office of Education which wanted to deliver, via satellite, reading and career counseling information to elementary schoolteachers; between the UK College of Engineering's Department of Civil Engineering and the U. S. Department of Transportation, which wanted to understand vehicular accidents; and between Dr. Horace M. Vandiviere, UK Medical Center, and the Food and Drug Administration, which wanted to know more about the efficacy of tuberculosis testing procedures.

In nearly all cases, says OSPA/UKRF's Leach, "the research idea originates with an individual faculty member."

To that McDonald adds, "This is the critical element in the entire process. OSPA/UKRF seeks to find a 'fit' with the funding agency's priorities." □

Graduate school dean Wimberly Royster, center, confers often with OSPA/UKRF's director James McDonald, left, and associate director Wesley Leach in the quest for research funds.



UK RESEARCH



Research leads to happier, healthier lives for future generations.

For Humanity's Sake

By Susan Donohew

How do the atrocities committed in World War II relate to research at UK and throughout the U.S.?

Wartime agreements, such as the Geneva Convention, alleviated suffering and provided the original impetus for what is now the Human Investigations and Studies Committee, also known as the Institutional Review Board, which reviews all UK research proposals involving human subjects.

"Under regulations mandated by the federal government, all institutions

which receive federal funds must have such a review board," says Ada Sue Selwitz, professional associate at OSPA/UKRF. "And everyone at that institution must come through the committee. This review is required for both funded and unfunded research."

UK's committee originated under President John W. Oswald in 1966 with Robert Greenlaw serving as chairman.

L. W. Hinderberger, now assistant dean in the College of Dentistry and the first secretary of the committee, remem-

bers the group as an "enthusiastic one which willingly donated their time to a job they considered a necessary responsibility of the researcher."

"At first one committee reviewed protocols from throughout the campus," recalls George Dundon who served as administrative assistant to the group from 1968-1979. "In 1971 new federal regulations were adopted and UK filed for General Institutional Assurance which is the federal authority that designates what types of research may or

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may not be performed at an institution."

"The criteria for the type of research authorized by G.I.A. is dependent on the type of expertise available at the institution," Dundon said. "Virtually all types of research are allowed at UK except for the few that are not permitted at any institutions."

UK's committee is now organized into two sub-committees—medical and non-medical—Phil DeSimone serves as chairman of the medical component and Ed Sagan is acting chairman of the nonmedical.

"Both committees," says Ms. Selwitz, "see their primary purpose as protecting the human subjects but with an important secondary benefit of protecting the investigator. With physicians, approval by the committee of their protocol and plan for informed consent, assures coverage in the event of an injury to a subject. With other researchers, the committee's approval of their protocol indicates that the researcher has made every effort to protect and safeguard the subject should there be a subsequent legal problem."

"Approval by the committee also assures that the faculty member is covered under UK's professional liability coverage," added Dundon.

"However", Ms. Selwitz continues, "the committee is not a policing agent. The review of protocols is in terms of risks to subjects only and is not a review or a judgement on the investigator's overall research."

The non-medical committee meets once a month and the medical meets twice each month with deadlines for protocols approximately ten days before each meeting.

"Questions posed by the committee when reviewing a protocol," says Ms. Selwitz, "are—is it a risk to the subject, either physically, psychologically or socially? Has the principal investigator arranged to explain to the subject what he is doing, the risks to the subject and the subject's rights and alternatives."

These sticky questions of ethics are being addressed directly in another program—EVIST, Ethics and Values in Science and Technology.

The goal of the program is to support projects that will make a significant contribution to refining and enlarging the professional and public debate on these questions. Accordingly, highest priority

is assigned to projects that deal with issues of demonstrable importance to nonspecialists in science and ethics and that include a well developed plan for disseminating their results to as broad a range of concerned individuals and groups as possible.

The central concern of the EVIST Program is with the ethical rules and social standards that govern the conduct of scientific and technological activities, including the selection of research priorities and the application of research results.

These concerns extend from issues associated with the conduct of individual scientists and engineers and their professional organizations and institutions, to those arising out of the more general interactions of science, technology and society. Thus, the program's primary objective is to support projects that seek to explore, analyze and help to resolve

questions such as:

—What obligations and constraints are or should be associated with the work of scientists and the work of engineers?

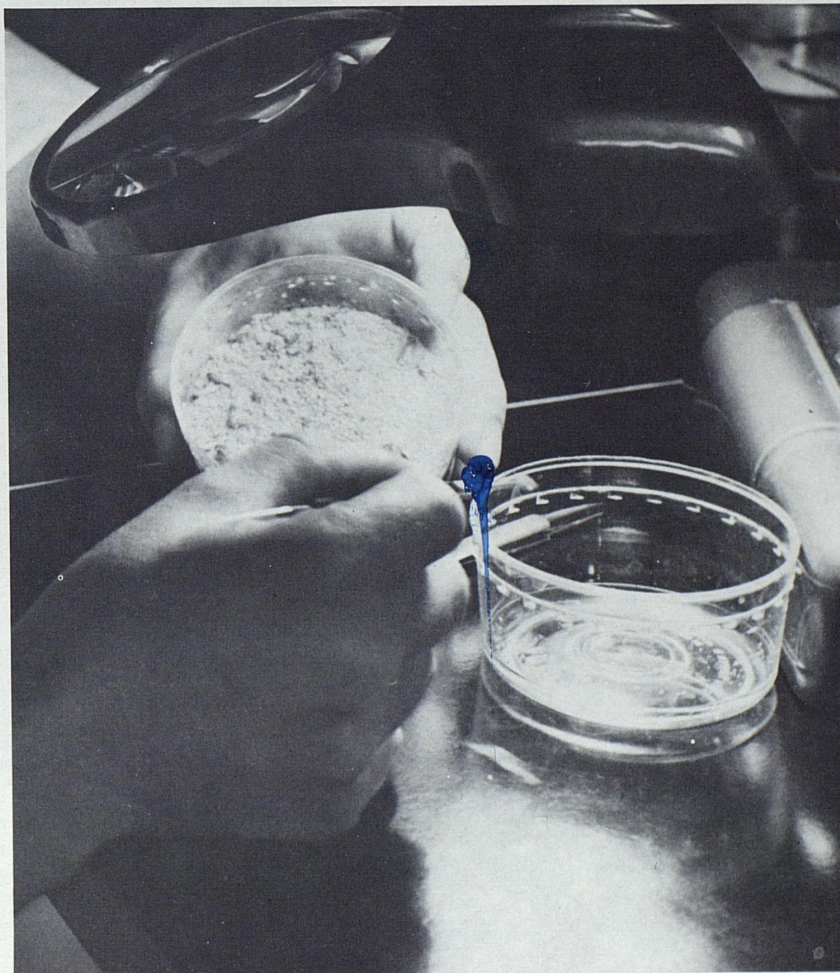
—What are the appropriate limits of inquiry as they affect scientific and technological activities?

—What ethical problems and value conflicts are associated with new developments in science, with new developments in technology and with new users of scientific information? How might these problems and conflicts be resolved?

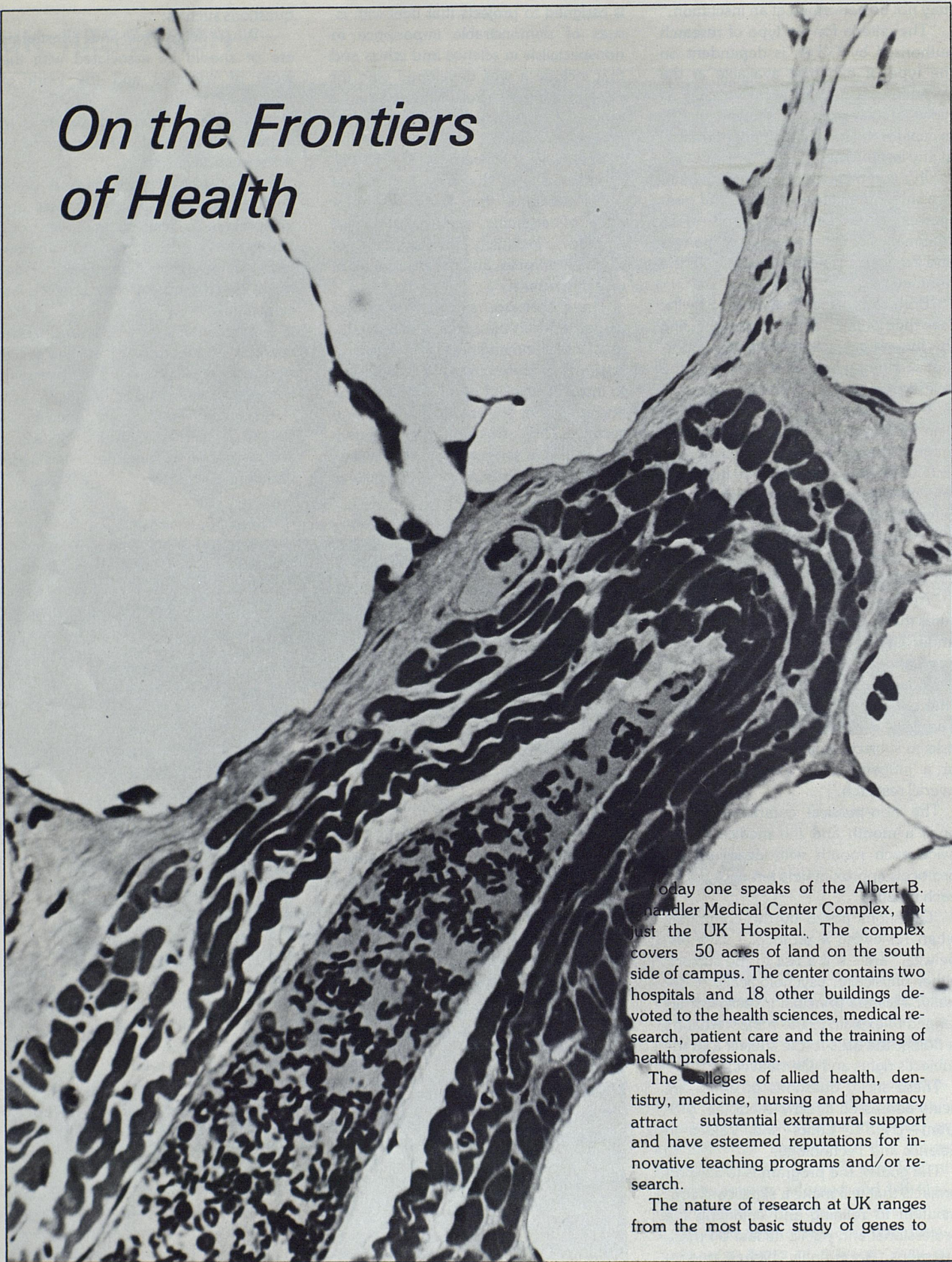
—What ethical problems and value conflicts are inherent in changing social standards, regulations and expectations that affect science and technology?

—Against what ethical and social standards can and should decisions about research priorities and applications be judged? □

Basic investigations take place under tightly controlled laboratory conditions.



On the Frontiers of Health



Today one speaks of the Albert B. Chandler Medical Center Complex, not just the UK Hospital. The complex covers 50 acres of land on the south side of campus. The center contains two hospitals and 18 other buildings devoted to the health sciences, medical research, patient care and the training of health professionals.

The colleges of allied health, dentistry, medicine, nursing and pharmacy attract substantial extramural support and have esteemed reputations for innovative teaching programs and/or research.

The nature of research at UK ranges from the most basic study of genes to

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the development of integrated teaching techniques for training individuals in various health careers.

UK is a recognized leader in research concerning cancer, drugs, aging, cardiorespiratory diseases, renal diseases, the neurosciences and basic sciences. The medical center has pioneered in developing new techniques in the areas of cancer detection, diabetes, abdominal and cardiac surgery, radioisotopes in diagnosis and therapy, and medical chemistry.

Focus also is taking place on developing multidisciplinary research programs and linking basic science research capabilities with the clinical program. The Sanders-Brown Research Center on Aging and the Ephraim McDowell Community Cancer Network are two examples of this commitment.

The Sanders-Brown Research Center on Aging is one of the first facilities of its kind in the nation. The center enables UK scientists to study the biologic aspects of aging, with the ultimate goal of improving the quality of life for the aging.

During the 1979 fiscal year, the UK-affiliated McDowell network received 27 National Cancer Institute (NCI) grants totaling \$2.4 million. That amount ranked UK 53rd among the 107 academic institutions in the nation which received more than a million dollars of NCI funds. Plans have been announced for the erection of a six-story \$13 million cancer research center on UK property. The fund-raising campaign is underway.

Researchers in the College of Pharmacy have announced two major discoveries in the last seven months. Dr. Laurence H. Hurley and Dr. Ruby L. Petrussek reported encouraging test results which may speed the development of a group of potentially useful anti-cancer drugs.

Dr. Hurley's discovery is significant because researchers have now determined precisely how a particular class of drugs reacts at the molecular level with the genetic material in a cell, DNA, to kill cancer cells. This new knowledge gained through their research should enable eventual modification of the drug molecule structure to increase the desired antitumor effect while decrease-

ing or eliminating side-effect toxicity to non-cancerous cells.

More recently Dr. Louis Diamond and Dr. Margaret O'Donnel have discovered a previously unknown nervous system in the lungs of cats which functions to relax bronchial muscles and to open obstructed air passages offering a new clue to the cause of asthma. The researchers speculate that asthmatics may have a defect in the newly discovered nervous system which they have dubbed the "nonadrenergic inhibitory system."

A system of nerves similar to the one found by Drs. Diamond and O'Donnel is known to be present in the human gastrointestinal tract where it serves to relax the intestine and to aid normal digestion. When the system malfunctions the intestine becomes spastic, a reaction akin to that which occurs in the air passages of asthmatics.

In April, Dr. Stephen D. Smith,

appeared on NBC-TV's program, "Prime Time Saturday". He discussed his work in amphibian limb regeneration stimulated by electrical pulses. He also discussed some experiments using electrical fields to halt the growth of laboratory tumor cells. Smith emphasized that the electrical experiments with tumors are only a very preliminary investigation and not a cancer cure.

Among current medical research topics at UK are "Genetic Effects of Ultraviolet Radiation Present in Sunlight," "Autonomic Nervous Elements in the Developing Heart," "Replication of Negative Strand RNA Viruses," "Prevention of Space Flight Deconditioning by Application of Whole Body Oscillating Accelerator," "Host Factors in Susceptibility to Infections," "Effective Patient Techniques for Use with Aging Patients," and "Integrating Values into Allied Health Education." □



Down on the Farm

By Betty Tevis

Those lovely rolling acres, mile upon mile along the west side of the Newtown Pike north of Lexington, belong to the University of Kentucky.

About 2,400 acres in Spindletop, Coldstream and Maine Chance farms make up what farm manager J. L. Lyen and his staff call "north farm" (north of I-75) and "south farm."

Horses graze picturesquely enough to prompt dozens of tourists each year to drive in and ask to the the Thoroughbreds. "No," Lyen and his aides explain, "those are experimental horses, and this is the UK Experiment Station."

The Kentucky Agricultural Experiment Station is the umbrella nomenclature for all of the UK farms: these three near Lexington, as well as Eden Shale at Owenton, Robinson Forest in Breathitt, Knott and Leslie counties, Robinson Experiment Station at Jackson, West Kentucky Substation at Princeton, South Farm near Nicholasville, plus the McCracken County Tract near Paducah, the Taylor County Tract and other small, assorted acreages scattered over the Commonwealth.

These farms are the core of the University of Kentucky's teaching, research and service in agriculture.

From the farms have come riches far beyond their beauty: hundreds of research projects going on now at UK farms are finding ways to control weeds, parasites and plant diseases, to improve yields per acre of tobacco, to feed animals better, produce more and healthier offspring from herds of cattle, sheep, swine.

Among the several hundred titles of research currently in progress are: "Energy Conservation in Agricultural Production," "Serological Detection of Soybean Mosaic Virus in Large Scale Screening of Soybean Seed," "Effects of Storage on Nutritive Value of

Forages," and various other studies on weed control, tobacco, and artificial insemination of cattle to name a few.

What's learned in farm research is passed along to the state's farmers via county extension agents and publications.

Some 75 full-time workers report daily to the UK farms; there are 25 more part-timers—UK agriculture students—who work seasonally.

There's a maintenance barn on Maine Chance, housing some of the farms' tractors, mowers, pickup trucks, buses, 2-ton trucks, tractor-trailers, as well as silage wagons, field harvester, self-propelled combine, manure spreaders, ect.

George Pendergrass is director of management and operations; he's aided by senior administrative assistant Carolyn Wilson. Lyen, the farm manager, has two assistants, W. O. Adams and James Wilmot. Each of the other farms has either a manager or a superintendent.

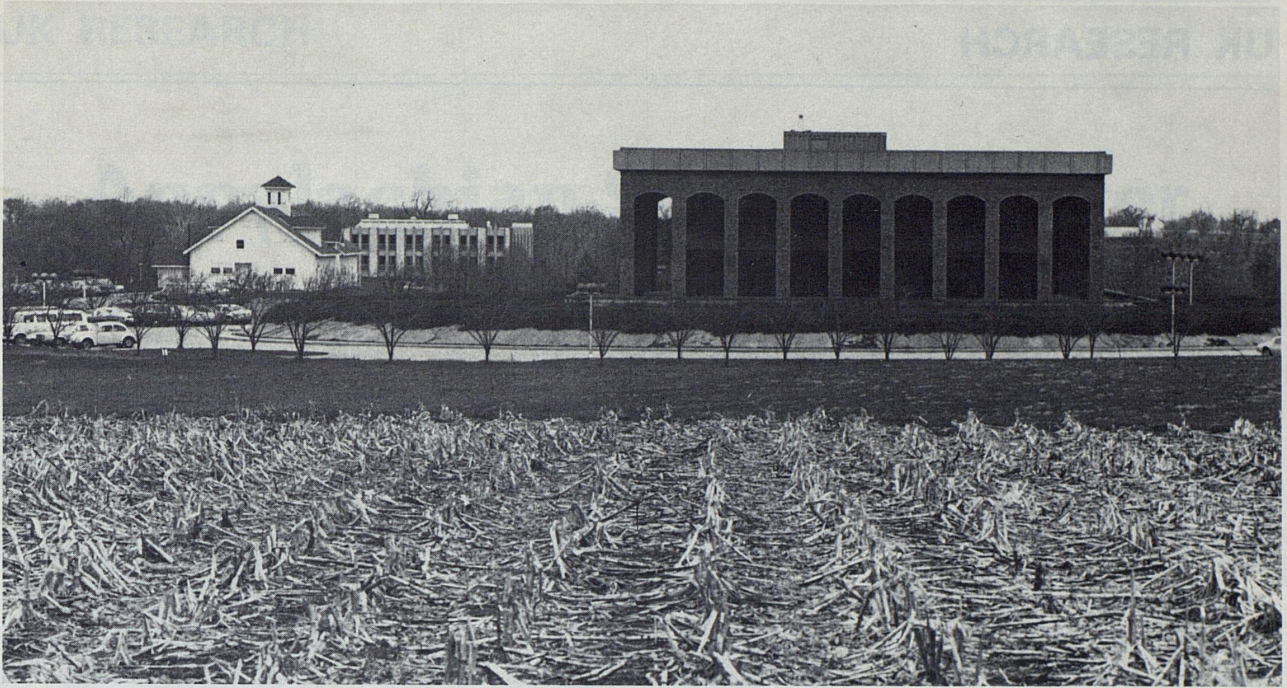
Pendergrass' office is in two-way radio contact with Lyen, who spends much of his time patrolling the farm's roads, checking the progress of work, making on-the-spot decisions, and of course, answering questions.

In the 26 years Lyen has worked for UK, he has seen the yield of one acre of tobacco rise from about 1,000 pounds to about 4,000 pounds. "It's rewarding," he says, "to see the results" of research, in the case of tobacco in breeding, pest control, disease control, weed control.

The state's farmers (he was one himself before joining UK) can "adapt the results of research to their own operations."

Kentucky's farm productivity has dramatically increased in the last several years, a fact attributable, Pendergrass believes, to research at UK's farms.

Top: The UK farms not only provide land for animal, crop and weed control experimentation but also host the state headquarters for energy research and the national headquarters for the Council of State Governments. Right: Equine research involves Shetland ponies as well as Kentucky Thoroughbreds. Far right: Agriculture students prepare to feed the pigs in the swine research program.



Shaking a foundation

By Betty Tevis

"The *Beowulf* world is agog," says Dr. Joseph A. Bryant, Jr., chairman of the University of Kentucky Department of English, describing the startling new thesis of UK associate professor of English, Dr. Kevin Kiernan.

Kiernan argues that the great Anglo-Saxon epic poem was written in the 11th century, not the 8th, as the textbooks say. He develops that thesis in a book shortly to be published by Rutgers University Press, "*Beowulf and the Beowulf MS.*"

Kiernan recently took his controversial idea to Toronto in the form of an invited paper at the "Conference on the Date of Composition of *Beowulf*." (University of Toronto Center for Medieval Studies).

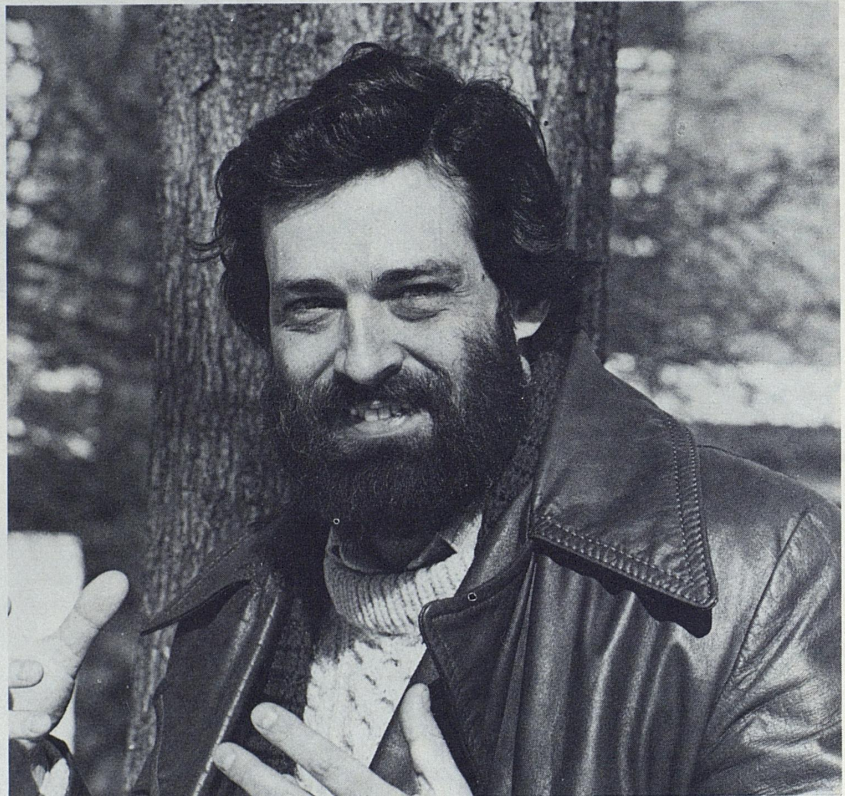
Furthermore, the American Philosophical Society has awarded Kiernan a grant to go to Copenhagen in June, where with permission of the Danish government he'll consult the Thorkelin Transcripts of the *Beowulf* manuscript.

Kiernan formulated his controversial theory upon examining the manuscript in the British Library, London, in 1977 and again in 1979. (*Beowulf* is contained in a composite codex known as the British Library MS Cotton Vitellius A. XV).

His evidence is historical and linguistic, all sparked unexpectedly by physical evidence he found while carefully examining the *Beowulf* MS.

Kiernan contends that the *Beowulf* manuscript itself, as it has come down to us, was undergoing creation and revision. There is consistent paleographic evidence, he says, that it's not just a transcription but the actual draft, the genuine article.

In his book Kiernan explains that historically and linguistically both the poem and the manuscript could have been



Dr. Kevin Kiernan shakes some foundations.

created in the early 11th century.

He believes *Beowulf* fits a period shortly after 1016, the date of the Danish conquest of England, during the reign of Cnut the Great. Like Hrothgar, Cnut the Great was a Danish Scylding king.

Kiernan argues that the mixture of linguistic forms appearing in *Beowulf* can be easily explained by an 11th century convergence of several factors: late West Saxon literary language, a mixture of spellings of the poet and two different scribes each with a different dialect, and a preference for archaic poetic diction.

Much of the UK professor's argument for a late *Beowulf* stems from a study of the scribal proofreading, which was careful and thorough, and the discovery of a palimpsest (a parchment from which the original text was erased and on which a new text was written), indicating revision.

Altogether Kiernan is furnishing a startling and exciting contribution to medieval scholarship, and he expects both support and attack for his theory.

At UK he teaches—besides *Beowulf*—Old English, and other poems like *Sir Gawain and the Green Knight*. □

Appalachian Studies Center

Helping to recognize the best in the past and hold on to it

"I had a vision of something occurring at UK that wasn't likely to occur at any other place I knew," said Dr. John Stephenson as he recalled events leading to the creation of the Appalachian Studies Center which he now directs.

"There had to be some coming together of minds. The University Press of Kentucky was publishing important regional texts. A critical mass of scholarly minds was gathering here and at nearby institutions. After several false starts, the right number and right combination of people with the same basic interest came together to make this Center happen," commented Stephenson.

One person whose presence made a difference was Doug Arnett who is no longer with UK. It is Arnett who went out and got the money for planning and implementation of the Center. He also brought together many of the furnishings and artifacts which have turned the headquarters into a mini-museum. The original grant came from the Rockefeller Foundation.

"It's like a dam has burst this year," says Stephenson. "People are coming to us from all over campus with ideas. That's how I'm spending most of my time—getting excited about programs and activities and drafting the right kind of proposals to fund them all."

"Overwhelming support" from the University administration has made a difference, too. Stephenson pointed out that it wasn't academically chic in the recent past to display an interest in provincial areas like Appalachia, but today the Appalachian area is viewed as a microcosm of the world and its predicaments. It's impossible to understand Appalachia with anything less

than a multidisciplinary orientation, according to Stephenson.

The Center has a number of projects underway and research proposals awaiting funding. A major grant from the National Endowment for the Humanities is in its third year of developing Appalachian studies curricula. From an offering of one class, there are now 14 new courses. A librarian specializing in the region has organized a separate collection in the King Library, guided recent acquisitions and brought a number of consultants, speakers and performers to campus to help establish an Appalachian presence on campus.

The Center also recently completed a study of Eastern Kentucky coal fields, gathering significant data for use by the industry, government and others in the area.

Underway is a project aimed at digging out the poetic talent of the region and encouraging its growth and development. With a \$21,000 grant from the Whitter-Bynner Foundation, 25 workshops will be held in five Appalachian states and the poetic discoveries compiled into a book.

The recent purchase of the Eastern Kentucky town of Wheelwright by the Commonwealth of Kentucky is providing a setting for a study on community development and the critical housing problem in the region. This study is unique in that it is the first to be funded by the Island Creek Coal Co. Matching funds were supplied by the Kentucky Housing Corporation.

The National Health Service Corps is funding a project through the UK Medical Center to introduce new physicians

to the region. It is hoped this orientation to the people and needs of the area will encourage physicians to return to the area when it's time to establish a medical practice.

The Lyndhurst Foundation, in a grant of nearly \$50,000, is paying for student internships at social service and health care agencies in Eastern Kentucky.

A funding breakthrough occurred when the Andrew Mellon Foundation awarded the University \$224,000 to provide fellowships for faculty members from other institutions to come to UK to take course work and do research utilizing the resources of the Center. Typically, the Mellon Foundation has not funded projects at public universities.

Among the proposals under consideration now are a work grant for Appalachian artists and two or three concerning aspects of Black history in the region.

Neither the University nor the Center anticipates creating a "degree" in Appalachian studies. "The region needs people with particular skills and abilities. Physicians, engineers, teachers, health workers and others should concentrate on their skills and then supplement the course work with classes on Appalachia and experiential exposure to the region, advises Stephenson.

"We don't want to change Appalachia," he said. We are primarily concerned with policy research and service to the region, in observing and recording, not intervening.

"We're interested in seeing the quality of life in Appalachia improve, to see more stability in the economy, better

Continued on page 20



by Kentucky Department of Transportation

White Highways

By James Still

© 1937

*I have gone out to the roads that
In smooth white lines, stoneless
I have seen distances shortened
The shallow river's span.*

*To the broad highways, and back
To the creek-bed roads and narrow
Worn into ruts by hoofs and steed
I have come back to the long way
The far between, the slow arrival
Here is my pleasure most where
And called my home.*

*O do not t
From the rooftop and the hill-g
Go not upon these wayfares me
Drawn hard and white from birt
O quiet and slow is peace, and c
Brought back again to this warr*

White Highways

By James Still

© 1937

*to the roads that go up and down
lines, stoneless and hard;
ances shortened between two points,
's span.*

*hways, and back again I have come
roads and narrow winding trails
hoofs and steady feet;
k to the long way around,
the slow arrival.
ure most where I have lived
ome.*

*O do not wander far
e and the hill-gathered earth;
e wayfares measured with a line
white from birth to death.
is peace, and curved with space
ain to this warm homing place.*

by Will Endres © 1979



by Linda Mansberger © 1979



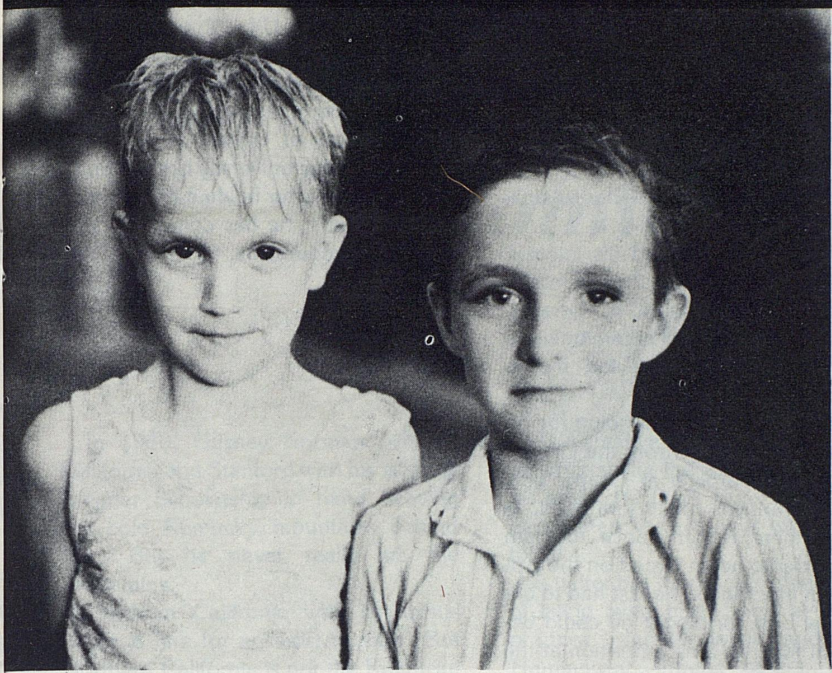
***Your face is a book where men
may read strange matters.***

Shakespeare



by Wendy Ewald © 1979

These photos are taken from the book, *Appalachia: A Self-Portrait*, edited by Wendy Ewald: Gnomon Press for Appalshop, Inc., Whitesburg, Ky., © 1979. All items are reprinted with permission. Our thanks to Ann Campbell, Appalachian librarian at UK, and Gerald Munoff, Curator of photographic archives, for their assistance in bringing these materials together.



by Robert Cooper © 1979



by Shelby Adams © 1979



by Shelby Adams © 1979

housing and better schools, but we also have some interest in preservation.

"The Center wants to help everyone recognize what's best in the past and hold on to it, not trade it in for some new-fangled way of living that's less satisfying." □

About the director

How Stephenson came to be director of the Appalachian Center may be pure luck. But one suspects that it is somehow tied up in his roots. There is nothing magical or mysterious about this. It's just the way he talks about the mountains and its people.

One can see the reflection of the mountains in his eyes when he talks about the people there. "I admire their common courtesy," he says in a mellow tone. "They have a sense of place. They know where they are, where they've been and what they want to be."

The mountains have a profound effect on his lifestyle, too. "When I'm in the mountains, I always forget to count the days."

"I still think of the Appalachian Mountains as a corner of heaven first and a national disgrace second," he says, explaining the beauty and the poverty that is Appalachia.

He was born in a valley between the Blue Ridge Mountains in Augusta County, Va. The stories locked in those mountains and in his youth echoed through the valley and followed him everywhere in adulthood.

Seven generations of Stephensons lived there between the mountains since 1732. "William Stephenson came to Philadelphia and then to Augusta County, Va.," he says. "In those days, Augusta County, Va., used to go all the way to the Pacific. They didn't know where the western boundary ended."

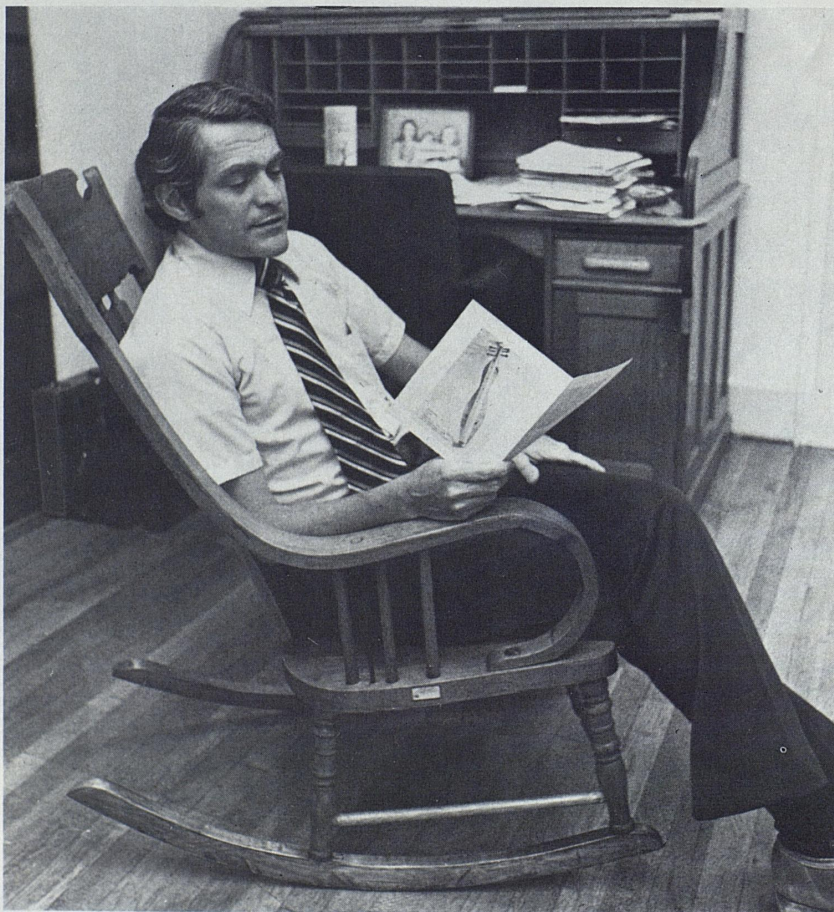
Stephenson's pride in his Scottish ancestry also abounds. During the Lexington Fourth of July parade, people see him marching, kilted, with the Lexington Pipe Band, playing a Scottish side drum. "The early Scottish Stephensons were probably crofters sent over to Ireland as farmers to work the plantation, since the Scots were the only ones who could grow anything out of those rocks," he says.

But the mountains did not start haunting him until his undergraduate days at the College of William and Mary. "When I went to college, I didn't think much about the mountains until my senior year," he points out. "Then one of my favorite professors caught my attention with droll stories about Appalachia and its people."

These stories recharged his interest. "When I went to teach in the mountains of North Carolina, that did it," he says. "From then on I made a commitment to do scholarly work about the mountains."

He had no intention of going for his doctorate in sociology from the University of North Carolina at Chapel Hill, but the mountains made him do it. A professor there, Rupert Vance, told him that in order to be an expert on the Appalachian Mountains, he first had to become the best sociologist he could become. In fact, he took a position at the University of Kentucky after graduation so he could continue his research.

Dr. John Stephenson's office is a mini-museum of Appalachian furnishings and artifacts.



One day while he was working in the Appalachians, UK President Otis Singletary sent word that he wanted him to be considered for the position of dean of undergraduate studies here. "It was an unusual chance to learn the scope of a large university like this one," he says. Now after holding that position for nine years, he has come full circle back to the mountains. □

Coming Home

By Bill Noblitt

In 1960, Gurney Norman split for California and Stanford with his Wallace Stegner Scholarship in hand, leaving the cold Kentucky mountains behind him. But he never really left the mountains.

Northern California with its artistic flavor is fine for an artist in exile. But Northern California is not the Kentucky mountains.

As a creative writer, Gurney Norman couldn't shake the Kentucky dust from his heels. He tried. But every story he has written so far points back to Kentucky.

A writer has to sometime feel the pain of being away from home in order to produce. James Joyce and Ernest Hemingway, among others, felt the same thing in self-exile.

But returning home is the main theme of both his novel, *Divine Right's Trip*, and his own life, for now he is back in Kentucky at the University teaching creative writing with a flair.

"The whole idea of returning home is an idea that I think has been one of the dominant ideas in the '70s," he said, poking words in an Appalachian twang through just a wisp of a beard.

But is Norman still part of the Kentucky hills, or is he part of that other world, the freaky side of San Francisco in the '60s and '70s?

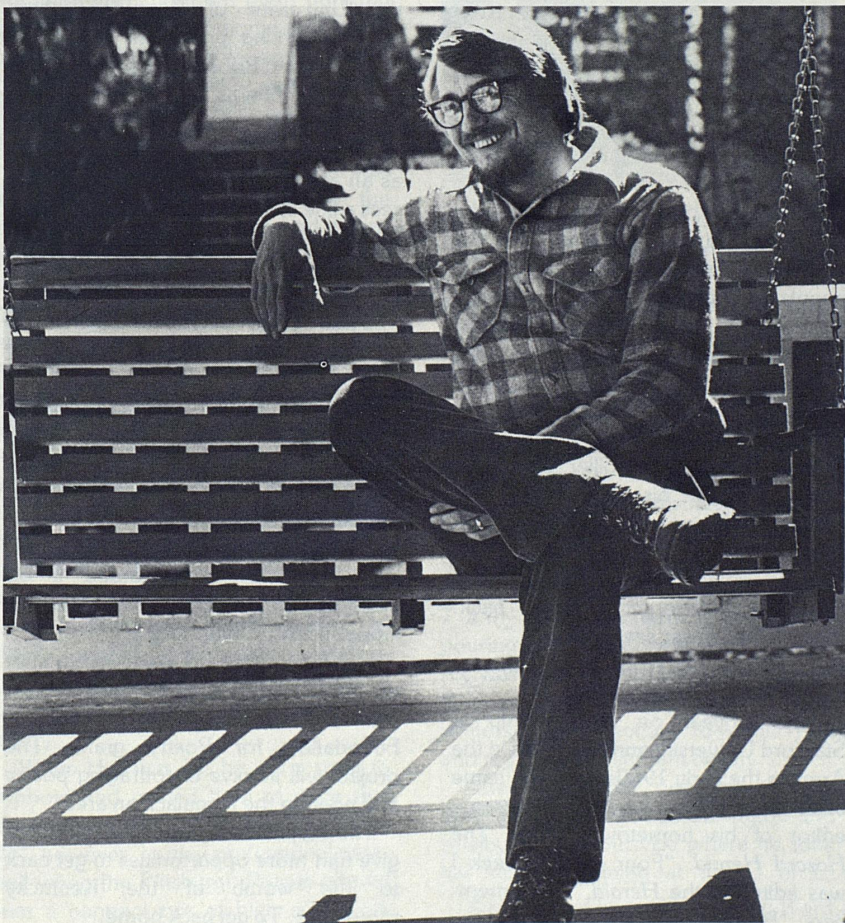
Has Norman, like some of the strip mined land in Eastern Kentucky, been reclaimed and restored but never exactly the same as before?

His life seems to be split between his primal years in Kentucky and his post-college years in San Francisco. Both experiences have melded together to form the personality of Gurney Norman. He is American pie split in half.

Both his California and his Kentucky experiences appear in his writings. In his novel, *Divine Right's Trip*, which appeared in the million-selling *Whole Earth Catalog* and later in book form itself, the character Divine Right gets in his VW van, drops acid and heads back home to Kentucky from California. In Kentucky, instead of being out of place, two cultures residing within Divine Right merge into one.

This merger could be a theme in Norman's own life. One that has turned him into a kind of contemporary Daniel Boone who travels around a great deal and is filled with wonder at what he sees. It is a merger that puts him outside both worlds and gives him the kind of objectivity he needs "to survey the na-

Dr. Gurney Norman prefers the "laid-back" pace of his native Kentucky heritage.



tional scene—the historic moment we find ourselves in.”

He sees society's current culture, economy and politics converging in Kentucky. “Kentucky is no longer primarily an agricultural state,” he explained. “The economic diversity is greater here than in any state except California.”

Norman calls Kentucky a magical landscape—one filled with legend and lore—“full of story.” And the ghost of Daniel Boone stands at the threshold of each one.

As a child, Norman sensed the magical landscape and the people who make that magic. His father was a Perry County miner who loaded coal in the deep Kentucky mines.

As a child, he played around the mines and was warned to stay away from them. Then, he felt the dangers that can envelop anyone in seconds.

Norman knows well the violence as well as the beauty of Eastern Kentucky. His uncles ran a “scab” mine in the 1940s while his father worked in a union mine. In 1949, everyone talked about the big shootout that had occurred at his uncles' mines. He thought it silly, then, because it was only a small mine where the coal was hauled out by ponies.

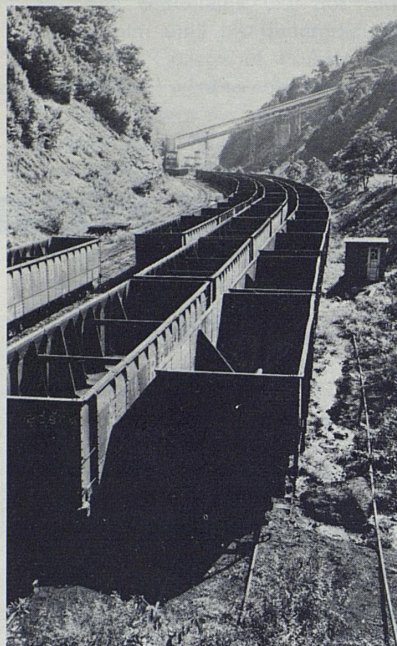
Saturdays were the best days. On Saturdays, he would go into town with his father where they would hug their bodies close to the commissary and listen to the rich story-telling of the miners.

He remembers the nights when his father would come home covered with coal dust that blackened his body and his clothes. He remembers hugging his father for no particular reason, and being scolded for getting the silky dust on his clothes.

After working in the mines, his father knew nothing could take the coal dust entirely out of his skin—especially out from under his fingernails.

And that's the way it is with Norman now. It's not only the coal dust that sticks to him but also the memories of his youth in Kentucky. It's been a kind of rite of passage out of this world—but never really entirely out. Half of him will always be there.

Memories of the mines where his father and uncles worked echo throughout his stories. “I've used the coal mine



from University Photo Archives

itself as an image for the interior of the human mind,” he said.

His writing can't escape Eastern Kentucky's hills and people. Even though he was encouraged to get out of the mountains and “fight them books,” as his grandma put it, he is still lovingly a part of those hills and those people. His stories say this.

The best of them are written with the objectivity of an outsider mixed with the love and caring of an insider. The people of the hills in Kentucky come alive in his book of short stories, *Kinfolks*. Called the Wilgus stories, they show the family and cultural disintegration that could be applied to today's society as well.

Like young Wilgus Collier, Norman is still a part of his family—yet, not entirely. “I know what you're going to do,” Wilgus's cousin Maxine tells him. “You're going to get out there to California and forget to come back. Homefolks'll never see you again.”

But Wilgus, like Norman, answers: “No, I'm coming back.”

After a year on a fellowship at Stanford University and two years in the Army in the early 1960s, Norman came back to Hazard, where he became editor of his hometown paper, *The Hazard Herald*. “Four days a week I was editor of the *Herald*,” he remembers. “By day I was a newspaperman,

and at night I was writing my short stories.”

Even while in California, he couldn't stay away from Kentucky. Throughout the 1970s he made trips back whenever he could and for whatever reason. His wife, Chloe, is still in California running her dance studio and directing a performing company.

This situation has presented quite a dilemma for the Normans. “To begin with, it was not a simple matter to leave my California home of 12 years,” explained Norman. “We still have not figured out how Chloe will join me here. Since she has a thriving business there, we see no immediate way to solve the dilemma. But, as a starting place, we've recently bought a house here in Lexington.”

What makes Norman write? “Writing is an unconscious impulse I've had since I was 15,” he said. “There's a great pleasure in discovering the aesthetic of a story, making something shapely out of a mass of raw material.”

This feel for writing was nurtured at the University of Kentucky where creative writing professors like Hollis Summers and Robert Hazel encouraged and guided him as an undergraduate in the late 1950s.

Now that he's back at the University as an associate professor of English, he sees a line of inheritance that began with other creative writing teachers at UK—people like A. B. Guthrie, author of *The Big Sky* and a Pulitzer Prize winner.

“Among the most radical creative acts is to dare to be a good teacher,” he said with conviction.

The way he gets his stories published is just as creative as his teaching techniques. In the *Whole Earth Catalog*, his novel, *Divine Right's Trip*, appeared in the margins surrounded by tips on how to get back to nature. For his folk tale, “Ancient-Creek,” he recorded it on June-Appal Records, a division of Appalshop in Whitesburg, Ky.

He's also using his creativity to start up the UK Appalachian Poetry Project with the help of a Witter Bynner Foundation for Poetry grant. The project will involve encouraging poetry and poets in the Appalachian area.

The Appalachian Poetry Project will give him more opportunities to get back to the womb of the Kentucky mountains. To get back home.

An Appalachian Gentleman

Dr. Paul Hall is from Eastern Kentucky and he wouldn't have been born any where else, even if he'd had a choice 84 years ago. In white shirt and string tie, he declares, "I've never had but one post office address in my life!"

Full of pride and humanity, Dr. Paul, as he is affectionately known, has used his good fortune to benefit his beloved Paintsville. The people of this Appalachian area are his family. He has cared for them (as a physician and hospital administrator), nurtured them (through development of educational and learning facilities) and provided for them (with recreation facilities and many a helping hand). He will never leave them.

Being a doctor is something that was expected of Paul Bryan Hall from the day he was born. His father had hoped to be a physician but got turned to teaching and later politics when he opted for marriage. J. Melvin Hall, however, never forgot his dreams and transferred them to his kin. (The Hall family, in the two generations since Judge Hall took pre-med classes at UK in 1891-92, has numbered nine men with the title Dr. Dr. Paul and his brother Lon, a pediatrician at Paintsville Hospital and his late brother Lloyd who practiced in Magoffin County were followed into medicine or dentistry by six of J. Melvin Hall's grandchildren. Dr. Paul's son, Bob, is a physician in Paintsville like his father and the son, Jim, is administrator of the Paintsville Hospital.)

When Hall was 15, he lost a sister to typhoid and vowed then to wipe that disease out of the hills. He was tempted, however, to play professional baseball when the Pittsburgh Pirates offered him a contract out of high school. A



--Johnson County Journal

promise from his father to borrow the money needed for Paul to attend school ended the debate. Young Paul was off to Lexington where he took his pre-med training and played baseball for the UK Wildcats.

The way to Lexington for Paul Hall was aboard the trains. He'd catch a C&O out of Paintsville to Ashland where there was a three-hour layover before the George Washington arrived for points west.

"I was the only person from my county going to UK. I got off the train at 7 a.m. that first morning and it was pouring rain. I asked where the University was and this man told me 'Son, out that way.' With the help of two or three janitors I got directions to White Hall and my days as a student began."

Later he would ride the George Washington on through Lexington and Shelbyville to Louisville where he took his medical training at the U of L.

Dr. Hall and his bride, Blanche Ward,

were welcomed home in the fall of 1922 and he began the practice of door-to-door, cabin-to-cabin medicine. He had already faced the worst trauma of his doctoring days that summer.

Flu had struck with a vengeance while he was a junior medical student. "The authorities sent me to Van Lear. The two doctors there at this mining camp of about 5,000 people were both bedfast. So I went up there and stayed a month. I saw family after family all sick in bed. I would go and see seven or eight in bed one day and then be back the next day, only to find two or more dead and the rest sick in another room. Unless you have gone through all of that, it is hard to believe."

Many of Dr. Hall's other memories sometimes seem hard to believe, too. "I started in the horse and buggy days not only in transportation but also in medicine. I have walked, I guess, a thousand miles during my practice. I wore out several good horses going to see my patients early in my practice. On several occasions I have had my feet to freeze to the stirrups and my wife or someone would have to thaw them out or bring a hatchet and cut me out of the stirrups before I could get down off my horse. You wonder how I got water on my feet to freeze? Well, about three-fourths of the roads were in creek beds. They were by far the best roads we had. They were solid, off and on rock, and lots of times on sand. The horses would splatter water on my feet and even up my legs. I might add, however, that I always had on enough clothing and shoes to keep my feet warm."

In recalling the past and looking at the present, Hall admits there has been much progress, but it's progress received with mixed emotions. "There are

more different things here—shopping malls and marts, more food places, better equipment and roads—but those born and raised here are not too crazy about it (progress)."

Dr. Hall believes that "when one room schools were done away with, education started deteriorating right then." Coal, he says, "can never do anyone any good if it's ten to 500 feet underground." Welfare, he says, has stripped many people of a desire to help themselves and others. "I've had men say to me, 'Doc, I'd do that for you, but it'll take my draw away from me,' and some families have babies as often as they can because a child means \$400 to \$500 more a year."

One detrimental effect of progress has been the erosion of the doctor-patient relationship. Until recently physicians maintained a special place in the mountains. "When doctors quit making house calls," says Dr. Hall, "we lost something precious." Though Dr. Hall stops short of calling for a return to house calls generally, he does encourage young doctors to take time for TLC—tender loving care. "I still think it does something to some parts of the body that science can't explain."

Other factors in the equation leading to the tarnished image of doctors, he feels, are a swelling population, a persistent shortage of doctors, increased medical benefits and welfare cards, government red tape, and large impersonal health facilities.

But families, Hall says, are still close and people care for one another as neighbors.

"Those who try to leave come back sooner or later." Perhaps Paintsville's abundance of funeral homes is a testimony to that. So are the out-of-state license plates in the Paintsville Hospital's parking lot.

"I must tell you about a lady who came to me complaining with a terrible backache. She was living in Ironton, Ohio, at the time. I examined her and found out she had an abdominal tumor; in fact it felt like a rock about the size of a grapefruit. She apparently was dying so I told her that if she was willing to try that I would. She was taken to surgery, her abdomen opened, and by brute strength, I might say, I boldly tore the tumor out from behind the peritoneum.

"About the time I did that about ten

arteries squirted right up in my face. My associate in surgery tried to put hemostats on but all he could do was hit the bone so I grabbed a towel and pressed it down on the bleeding area. I grabbed another towel and put it over the first. I made pressure on it until I got tired and asked my associate to hold it awhile which he did. We took time about 15 minutes.

"This woman's brother-in-law was standing in the corner of the operating



room at the time of the operation. (Incidentally I have never denied any of the family the privilege of watching any of our operations. I have a lot of doctors laugh at me for this but I still think that's one of the greatest things a doctor can do—gain the confidence of his people.)

"Getting back to the patient, I sewed her up as tight as a fiddle, put a band around her, and four or five days later gave her a general anesthetic, went in and took the towels out. That woman got killed in a car wreck ten years after that.

"Any surgeon or doctor faces catastrophes and emergencies that he must just meet. Whether he ever read about it or heard of it or saw it in a book, he just has to get out of it some way or other."

Dr. Hall faced plenty of surgical situations. He has performed more than 20,000 major operations. "I was the only intern at Old St. Jo's and worked with Dr. Irvin Abel who ranks up their with the Mayo brothers and Rankin. What I got from him was worth five internships elsewhere."

Caring for others didn't stop with Dr. Hall's professional responsibilities as physician and administrator of the Paintsville Hospital. Dr. Hall led drives

to build the Johnson County library (and served on its board of directors for 45 years), the health center, and many other local projects. As one of the few Democrats in the Republican-laden county, he often chaired the committee and led numerous delegations to Frankfort. He served as president of several civic and fraternal organizations. He was director of the county health department for 45 years, retiring just last fall. He was a member of the county school board, a member of the board of regents of Morehead State University, a trustee of the University of Kentucky, and a member of the admissions committee of the U of L medical school. Last year he was re-elected a director of Paintsville's First National Bank and elected president.

Dr. Hall's earlier interests in music and athletics underwent a transformation over the years. He traded in his clarinet and has become an accomplished violinist. He exchanged his baseball glove for left-handed golf clubs and plays regularly at the course he built. The Hall's family farm was converted to a golf course in 1939 and later expanded as Mrs. Hall's family's adjacent land was reworked into golf tees and greens. The Paintsville Country Club today is an 18-hole course that takes you up and down hills and across two highways and the Levisa Fork of the Big Sandy River. A swinging bridge, just wide enough for a golf cart, spans the water.

The country club is host to the annual K'Mens Association annual picnic/golf day for members. The event is widely regarded as the highlight of the year and has been for 15 years. Hall, who set numerous baseball records as a freshman, received an Athletic Achievement Award in conjunction with UK's Centennial Celebration in 1965.

Dr. Hall is a member of the Alumni Association and has served on its board of directors. He is a member of the illustrious Hall of Distinguished Alumni and a Fellow of the University.

And, as he sums up his own life, he says, "if I had a thousand lives to live over, I would like to be the Doctor Hall that I have been. I like to think I'm a little bit like the man for whom I was named, Apostle Paul, when he said, 'I have fought a good fight; I have kept the faith.'"

CLASS NOTES

'28

Sara Walker Staton '28 and her husband, Dr. **Younger A. Staton '29**, are celebrating their 50th wedding anniversary with two gala parties. The first was held in March for their transient Florida friends; the second, June 21, the date of their marriage.

'37

Dr. **James E. Eckenhoff '37**, dean of the Northwestern University Medical School, has been named president of the McGaw Medical Center of NU. Eckenhoff is the author of many journal articles and books in the fields of pharmacology and anesthesiology and is the editor of several medical journals.

'38

Peter W. Kurachek '38, a former Wildcat football player, was honored by the Westchester Chapter of the National Football Foundation and Hall of Fame in White Plains, N.Y. He received the 1980 Distinguished American award. Kurachek coached virtually every sport as head of the boys athletic department at Pleasantville High School from 1948 to

1974. Football, however, has always been his favorite. He won "something like 73 percent" of his games at PHS. He was victorious in his last 25 contests winning a league championship in each of those last three unbeaten, untied seasons. Kurachek now lives in Florida and plays golf regularly.

'39

Nancy Jackson Harris '39 is co-author and publisher of a cookbook entitled *Dining In*. The cookbook contains 79 menus and 297 recipes for all occasions from teas and dinner parties to cocktails and barbecues. One fourth of the recipes are French gourmet fare. The cookbook is available from Harris at 1108 Kings Park Drive, Memphis, Tenn. 38117 for \$6.50 per copy plus \$1.00 for postage and handling. Tennessee residents must also add the state's 6 percent sales tax.

Jennie Mae Trigg '39, food service director of the South Bend (Ind.) School System, was named dietitian of the year by the Indiana Dietetic Association (IDA), the state affiliate of the American Dietetic Association. Trigg is the first representative of a public school food service to be honored by the IDA.

She has more than 25 years experience in food service and development of programs that would increase the nutritional standards of children. She also developed a consortium for the American Dietetic Association for the training of dietetic interns. Trigg worked for UK from 1942-1948.

'42

Thomas A. Mahan '42 was chosen engineer of the year by the Spartansburg, S.C., chapter of the National Society of Professional Engineers. Mahan is president of Mahan Oven and Engineering Company. His firm designs and fabricates dryers, ovens and process equipment for various industries including several located overseas.

'46

Roy Steinfort '46 recently returned to campus to speak at the annual journalism alumni dinner. Steinfort is director of broadcast news for the Associated Press, the largest broadcast news operation in the world. The AP news service reaches 3,646 radio and television stations in the U.S. Steinfort began his career with AP in 1949 and pioneered AP Audio which now supplies live reports from AP correspondents around the world to its 750 members in 49 states and countries.

'48

Dr. **James D. Kemp '48, '49**, a professor of

animal science at UK, has been elected a Fellow of the Institute of Food Technologists for his outstanding contributions to the field. . .

Ernest C. Steele '48, '50 has been named president of the Occidental Life Insurance Company of North Carolina. He is a life member of the Alumni Association and a member of its Century Club. . .

Vernon J. Cole '48 is the current president of the Kentucky Bankers Association. Cole is president and chairman of the Guaranty Deposit Bank in Cumberland and executive vice president of the Harlan National Bank.

Amy Price '48 is president of the Cincinnati Oil Club, the first woman to hold that post in the 57-year history of the organization. Price is a sales representative in southern Ohio, southern Indiana and northern Kentucky for the Ashland Petroleum Company.

'49

Joseph M. Richards '49 has been transferred from the Southern Appalachia Region to the Northern West Virginia Region as senior vice-president of mining of the Consolidation Coal Company. He has been with Consol's Pocahontas Fuel Company since 1968.

'50

Robert Stewart '50 has been appointed plant engineering manager for the R.T. French Company's Fresno plant. Previously, he was an

Continued next page



Stewart

assistant engineering manager with Hunt-Wesson and member of the engineering staff at Executone, both California firms.

'51

John L. Spinks '51 has been selected for listing in Marquis' *Who's Who in the West* and also *Who's Who in California*. Spinks also has been named a Diplomat of the American Academy of Environmental Engineers and recently was awarded an Air Force Commendation Medal. He is supervising engineer for the California South Coast Air Quality Management District. An accomplished mountaineer and marathon runner, Spinks is a member of numerous professional societies and is a registered engineer in nine states. . .

Sammie F. Lee '51 spoke to the national conclave of Chi Epsilon civil engineering honor society that was held on the UK campus this spring for the first time. Civil engineering students from 93 schools attended. . .



Emerine

Dr. Ollie B. Emerine '51 has been named director of clinical services at the U.S. Naval Hospital in LeMoore, Calif. He previously served as senior medical officer at the branch clinic at Cecil Field in Florida. . .

Edward W. Stroube '51, '58 recently was elected president of the North Central Weed Control Conference. Stroube is professor and assistant chairperson of the Ohio State University department of agronomy. A colonel in the USAF Reserve, he serves as a liaison officer for the USAF Academy and ROTC at OSU. Stroube is a former UK Cooperative Extension Agent who worked in Bourbon County. . .



Goodwin

William A. Goodwin '51 is serving as vice president of the American Society for Testing and Materials (ASTM), the world's largest source of voluntary consensus standards for materials, products, systems and services. Goodwin is associate vice president for research at Tennessee Technological University in Cookeville.

'53

Jack J. Early '53 '56 is executive director of education at Combined Insurance Company of

America in Chicago. . . **Dr. Auttis M. Mullins '53, '54** has moved to Louisiana State University, Baton Rouge, as professor and head of the department of food science. He formerly was dean of the College of Agriculture at the University of Idaho.

'55

Zack Saufley '55, '57 has been promoted to the rank of major general in the U.S. Army Reserves. Saufley is commander of Kentucky's largest reserve unit, the 100th Army Reserve Division. The unit is an advanced infantry training group. In civilian life, Saufley is president of Farmer's Bank & Trust Co., Frankfort. . . **Jack K. Jones '55, '56** has been elected to the board of directors of Pilot Life Insurance Company in Greensboro, N.C. Jones has been senior vice president of financial services for the company since 1976.

'56

Roy C. Gray '56, '57 was promoted from colonel to the rank of brigadier general in the 100th Army Reserve Division in Kentucky where he serves as assistant division commander 1 (ADC1). In civilian life, Gray is president of Modern Cattle Management, Inc., in Nicholasville.

'57

Col. **John "J.D." Hughes '57** has been



Hughes

promoted to base commander at Nellis Air Force Base, near Las Vegas, Nev. Nellis AFB is the home of the USAF Thunderbirds and is the largest military airbase in the western world. From quarterbacking football teams for UK coaches Paul "Bear" Bryant and Blanton Collier, Hughes went on to quarterbacking in the cockpit of jets and has logged more than 4,100 hours flying as pilot in command.

'58

Dr. Ralph E. Beals '58 has been awarded the Clarence Francis chair in social sciences at Amherst (Mass.) College. . . **Robert E. Smith '58** has opened a publisher's representative firm in Atlanta, Ga., specializing in advertising sales for airline inflight magazines. Among his clients are Delta, Braniff International, TWA, American, National, and Northwest Orient Frontier air lines.

'59

Robert M. Odear Jr. '59 has joined Blue Bell, Inc. as corporate vice president in charge of the Wrangler brand clothing division in the U.S. He is a member of the Blue Bell executive committee and is

The Optimistic Horseman: Henry White '52

The foaling season on a Bluegrass horse farm begins in mid-February and can leave suspended all other major activity until the end of June. It's no different at Plum Lane Farm where Henry D. (for Dulin) White (B.S. in agriculture, 1952), managing owner of Plum Lane, anticipates the birth of the next foal who could be another winner.

Today 65 broodmares and half a dozen stud animals stand at Plum Lane. The foals born this season will be sold at yearling auctions at Keeneland, Fasig-Tipton and Saratoga.

Though White has never had a Derby winner and held the coveted blanket of roses there, he has met success. And, his father Cyrus (Cy) White raised Bold Venture, the 1936 rose-gatherer, right across the road from Plum Lane at Elsmear Farm.

When he thinks of his successes, White recalls the mare Bubbling. Purchased for \$100,000, she was first in four starts and went on to become a stake winner, which in track language means you are in the big money.

And, there was Hadgadya, a mare that had seven foals by the same horse. White and landowner Clarence LeBus last year counted their blessings, remembering the foals and what they became, from Had My Say, which was named for one of LeBus' pet expressions ("Now I've had my say"), to Had to Say, a stake winner that brought

home \$80,000, to Heydoria, another stake winner that added another \$119,000, to Had to Buy, "a tough filly earning \$86,000 although she was never a stake winner," to Had Enough, now retired to a farm in New York after a successful tenure at Plum Lane.

Convinced that Kentucky will continue as the center of the Thoroughbred business, despite some shifting to the west coast and the clouds of today's economics, White is ever the optimist. "In Kentucky we have the mares and the stallions, the expertise, the grass and the water . . . and the soil. Nobody can compete with us as long as we have this combination."

When contagious equine metritis (CEM) was detected in some Kentucky Thoroughbreds about a year and a half ago, the vigilance of UK scientists led to the detection and isolation of the bacterial strain. Five stallions and 22 mares on 14 Bluegrass farms were put in quarantine to keep the disease from spreading and possibly even ruining the industry. White and the other horsemen are grateful.

He says: "The disease is now under control, but when it first appeared it was natural that we turn to the University. Some invaluable contributions were made." In retrospect, he considers the episode a blessing "for it made us clean up our act." The barns are kept cleaner, and



the animals are more closely watched.

White draws a circle on the map. "In an 80-mile radius of Lexington where most of the Thoroughbreds are, 1979 was a good year. We've experienced the best breeding season since I've been in business." Many Thoroughbred breeders will tell you they never make any money, but Henry admits ". . . yes, we've made money. Every year but one."

White enjoys the fellowship of the clubs and professional associations: the UK Alumni Association; The Thoroughbred Club of America (actually world-wide) of which he is a past president; Thoroughbred Breeders of Kentucky—he is now in his second term as president; Farm Managers Club, an opportunity for managers of Thoroughbred horse farms to get together locally, and once a year up north somewhere to the National Equipment Show, which shows furnishings for the horse trade. White sells water fountains as a sideline.

Of course there is UK football—all home games; basketball—"When I can."

And the kids—14-year-old Henry II (Hank) now at Winburn School; Jean Carol age 16, at Bryan Station, and Kitty (Kathryn Ann) at 20 (two years at UK) now with Lexington First Federal. And, golf with wife Kathryn at Lexington Country Club. "I wish I had time to play more."

But, the mare that dropped her colt a month ago is ready again, even after nine days she was ready, and the cycle goes on.—UIS

responsible for all programs of the company aimed at increasing the market share of Wrangler brand clothing in the 1980s.



Stepp

'61

Fayette N. Stepp '61 has been promoted to manager of distribution equipment sales at the Square D Company plant in Lexington. . . **Yancey L. Pinkston '61**, elected president of the 200-member Home Builders Association of Southern Indiana.

'62

Thomas J. Scott '62 has been appointed director of public affairs for Dow Chemical U.S.A.'s functional products and systems department in Midland, Mich. . . **Charles S. Cassidy '62**, president of Central Kentucky Security Systems, Inc. . . **Mark Emmett Thompson '62**, chief of employee development in the office of the inspector general, U.S. Department of Agriculture.

'63

James E. Dutton '63 has been promoted to supervisor of the industrial and commercial marketing section for the Square D

Company plant in Lexington.

'64

Dr. Richard E. Geist '64 has been appointed assistant physician-in-chief of the Kaiser/Permanente Medical Center in San Rafael, Calif. He is also chief of surgery at the center.



Beach

'65

Buddy A. Beach '65 is vice president—environmental affairs for Consolidation Coal Company. Beach, who compiled the highest undergraduate grade point average in civil engineering upon graduation, works out of the company's headquarters in Pittsburgh, Pa. . . .

Gary R. Cranor '65 has been named superintendent of the engineering and standards department of the Gulf Oil Corporation's Port Authur, Texas, refinery.

'66

Dr. Ronald L. Akers '66, professor and chairman of the department of sociology at the University of Iowa, returned to the UK campus where he had been named distinguished alumnus and became the fourth Ph.D.

graduate from the department of sociology to participate in the distinguished alumni lecture series. Akers is immediate past president of the American Society of Criminology.

Thomas M. Kron '66, a former Wildcat basketball star, is Kentucky's commissioner of tourism. Kron was appointed to the post by another alumnus, Gov. John Y. Brown Jr. Kron also owns a restaurant in Louisville.

'67

J. Patrick Looney '67 has been appointed manager of the Northwest Atlanta Hilton Hotel which is scheduled to open in August . . . Navy Lt. Cmdr. **Sam K. Houston Jr. '67** is serving with the air anti-submarine squadron stationed at North Island Naval Air Station in San Diego, Calif.

'69

Kirk Stone '69, '71, public affairs reporter for *The Fort Wayne Journal-Gazette*, has been elected by the Indiana State Bar Association to receive its 1980 First Amendment award recognizing exemplary reporting of law-related news . . . **Jon Groteluschen '69**, named vice president for administration at Carroll College, Waukesha, Wis., and is now responsible for development, business and finance at the college . . . **Lynn G. Grant '69**, promoted to market services advisor at Louisville Gas and Electric

Company where she is administering the energy utilization program.

'70

Barry K. Allen '70 has been named division manager—data services at Indiana Bell Telephone Company in Indianapolis. . . **James Anthony Stallard '70** has been elected an associate of Chrisman, Miller & Wallace, Inc., a Lexington firm specializing in architecture, engineering, planning, construction management and energy management . . . **Suzanne Nelson '70** has been granted tenure as an assistant professor of English at the University of Tampa, Fla. . . .

D. Neil Ashworth '70, who recently earned a doctoral degree in business administration at the University of South Carolina, is an assistant professor of management at the University of Mississippi in Oxford. . . **Robert T. Surface '70** has been named engineer—technical services in the products and customer services function of Armco's Eastern Steel Division located in Middletown, Ohio. . . Capt. **R. Bruce Telfeyan '70** was presented the Air Force's meritorious service award, the second highest



Telfeyan

decoration that can be awarded a serviceman in peacetime, for providing a high quality of environmental support for a broad spectrum of programs while stationed at Air Force Global Weather Central, Offutt, AFB, Nebraska. He is now an assistant professor of aerospace studies at the University of Nebraska in Omaha.

'71

Joseph L. Wiley '71 has been elected treasurer of General Telephone Company of Indiana, Inc., with headquarters in Fort Wayne. . . **Robert L. Chenoweth '71** has been named deputy attorney general for Kentucky by another alumnus, Attorney General Steven L. Beshear.

'72

Charles W. Mory '72 has been appointed distribution manager at the Oscar Mayer & Company plant in Chicago, Ill.

'73

Dr. Keats Sparrow '73 was selected for an internship in academic administration at East Carolina University in Greenville, N.C., for the spring 1980 term. Sparrow is an associate professor of English at ECU and was cited for excellence in teaching in 1977. . . **Kris W. Kimel '73, '75**, has been appointed executive assistant to Kentucky

Continued next page

Lady of Suspense: Anne Armstrong Thompson '60

Anne Armstrong Thompson '60 says the most important step to becoming an author is the decision to sit down and do it! Thompson, who majored in economics at UK and then earned a master's degree in diplomacy at the Fletcher School in Medford, Mass., made that decision in 1972.

The result has been three novels of international suspense (and acclaim)—*The Swiss Legacy* (1974), *Message from Absalom* (1975) and *The Romanov Ransom* (1977). All three have been distributed overseas and serialized in leading magazines in a number of different languages.

Thompson has a fourth novel ready to be published but is looking for a contract. The first three books were published by Simon & Schuster. Despite the success of the first two novels, Simon and Schuster were not willing to pay more for the third which was bringing overtures from other publishers at two to three times what S & S were paying. When the fourth book was ready, it was accepted by another publishing house. That company sold, however, before Thompson's book was set in type. The new owner's changed their minds and so the book has yet to be re-sold.

"The publishing market up there (New York) is pretty darn chaotic," Thompson said. "Big name authors and whole staffs



move from house to house."

Thompson's personal favorite is *Message from Absalom*, but she feels that artistically *The Romanov Ransom* is a more ambitious work.

Thompson draws somewhat from her experiences as a staff member with the Central Intelligence Agency and embellishes freely.

Each time she writes a novel, Thompson says, she must again make that psychological commitment to write. Then she delves into the task wholeheartedly.

"I've never had a schedule. I don't do much else when I'm writing. I don't read; I don't watch TV."

She's also found out it is easier to work around one child, than two. "I haven't started a new book just yet, but writing is my career," she said. "I think the more prolific writers work on a schedule. I average about two years on each book."

"The easiest part is just getting it down. That's

what I like best," she said. "I write as quick as I can worrying more about organization and not thinking about the words too much. Then comes the re-writing that becomes harder and harder to do," she added. "For me conversations are easy; descriptions are not, and narrative is kind of hard."

Thompson contends that rewriting is what makes a book. She estimates that she rewrites the whole thing three or four times and some chapters many, many times.

When not writing her time is absorbed by her family—husband Milton, an engineer/architect, and sons Benjamin, 8, and Jonathon, 3; an interest in antiques ("We used to live in an old, rambling house and used the front two rooms as a shop. Now we attend a couple of antique shows a year."), and civic activities (secretary of several senate committees during the 1980 legislature, a member of the DAR and a member of the Lexington Orphans Society).

Attorney General Steven L. Beshear. Kimel is past president of the Central Kentucky Volunteers in Corrections organization.



Carman

'74

Maureen Carman '74 has been appointed chairperson of Midway College's paralegal studies department.

'75

Joshua E. Santana '75 is the newly appointed director of the legal section of the Kentucky Department for Natural Resources and Environmental Protection. . . **T.M. Ewing '75**, district field representative for Proctor & Gamble Inc. in the Baltimore (Md.) coffee district. . .

Dr. **William Rayburn '75**, a fellow in maternal-fetal medicine in Ohio State University's department of obstetrics and gynecology, is one of two individuals to receive the Searle-Donald F. Richardson award. The award is presented by the American College of Obstetricians and Gynecologists and Searles Laboratories recognizing outstanding research. Rayburn's selection was based on his paper, "Maternal Perception of Fetal Movement and Perinatal Outcome." He

found that fetuses that move more often have a lower mortality rate, a lower incidence of birth defects, fewer respiratory problems and better overall physical health than inactive fetuses.

'76

Mona Gordon Wyatt '76 has been named news service editor at Centre College, Danville. . . **Gordon M. Campbell '76**, now contract administration coordinator at Chrisman, Miller & Wallace Inc., Lexington. . . **Sandra Diane Bennett '76**, joined the staff of the Boulder (Colo.) Parks and Recreation Department as a specialist in recreation programs for the handicapped and disabled.

'77

Dr. **Richard A. Erdman '77, '79**, a specialist in cattle nutrition, is now an assistant professor in the department of dairy science cattle University of Maryland. . . Navy Lt. **Barry L. Burkett '77**, a dental officer of the amphibious assault ship USS Tripoli homeported in San Diego, Calif. . . **Robert W. Patterson '77**, a programmer/analyst on a research and development project with GTE Data Services in Tampa, Fla.

'78

Scott E. Grosse '78 has joined the Chicago brokerage office of The Paul Revere Life Insurance

Company as a brokerage representative.

'79

Craig M. Wallace '79 is a chemical engineer with the Milliken Company in Spartansburg, S.C. . . **Debbie Haney '79**, an accountant in the marketing division of the



Haney

Marathon Oil Company located in Findlay, Ohio. . . Marine 2nd LT. **Lisa D. Kidd '79**, a graduate of the Marine Corps basic school in Quantico, Va. . .

Kay L. Parker '79, assigned to the Bowling Green district of the Monsanto Agricultural Products Company as a field sales representative. . . **Thomas A. Stratton '79**, a sales representative in the agriculture marketing division of Eli Lilly and Company assigned to the Gilson, Ill., area. . . **Gary T. Moore '79** and **Marie A. Collins '79**, now design engineers with Booker Associates, Inc. in St. Louis, Mo.

Former Students



Hawkins

W.W. (Whit) Hawkins was recently promoted by Delta Air Lines from director of sales to assistant vice president-marketing. . . **William B. Taylor**, to distributor marketing manager for Alumax Mill Products, Inc. in the mid-western district.

Necrology

Keith Frazee Adamson '05, Washington, D. C., January 20, 1979.

Walter S. Weaver '05, Lexington, April 1973
James Henry Hall '10, Lexington, Date unknown.

* Virginia Clay McClure '12, '28, '34, Lexington, March 6, 1980. Life member.

* Guy B. Jeffries '13, Eureka Springs, Ark., December 4, 1979. Life member.

Benjamin Harrison Scott '18, Irvine, August 11, 1978.

Charles Alvin Lisanby '20, Princeton, December 21, 1977.

* Rothwell Woodward '22, Dayton, Ohio, March 29, 1979.

Katherine Crockett Elliott '24, '39, Lexington, April 5, 1980.

Edward Wright Fitch '24, Tucson, Ariz., Date unknown.

Julia Ruth Clark '25, Paris, January 13, 1979.

Henry Lee Katzman '25, Louisville, Date unknown.

Louise Carson Drake '25, Bowling Green, April 13, 1979.

* William Julius Moore '25, '28, '31, Richmond, February 26, 1980.

Clinton Kelly Hoffman '26, '47, Lexington, January 17, 1980.

- Samuel Hurwitz '26, Louisville, December 1978.
- *Jo Martha Elliott '27, Danville, January 15, 1980.
- *Mary Elizabeth Sanders McKeethan '29, Oak Ridge, Tenn., February 18, 1980. Life member.
- Casey J. Purdy '29, Dawson Springs, May 8, 1979.
- Bell Irvin Wiley '29, '68H, Atlanta, Ga., April 8, 1980. Hall of Distinguished Alumni.
- Ellis Ford Hartford '30, '34, Lexington, January 31, 1980. UK professor emeritus of education; first dean of the Community College System.
- Margaret Allen Johnson '30, Edgewater, Fla., February 26, 1980. Magna Cum Laude.
- *Charles Eugene Bortner '30, '33, Lexington, March 23, 1979. UK professor of agronomy.
- *Carlos Blocher Jagoe '30, Owensboro, May 26, 1977. Life member.
- *Henry Spears Gloster '31, Middlesboro, November 23, 1979.
- Alice Howes Montgomery '32, Paintsville, Date unknown.
- *Alvin McGary '32, Morehead, April 18, 1980.
- *Mary Moore Nash Molony '32, '34, Lexington, March 29, 1980.
- Albert Ross Jones '33, '36, New York, N. Y., Date unknown.
- Cecil Mays '33, Bryants Store, January 21, 1980.
- William Todd Jeffries '34, Columbia, January 31, 1980.
- Kenneth Orr Caldwell '35, Kissimmee, Fla., September 9, 1979.
- *William Edward Fanning '35, Ashland, Date unknown. Life member.
- Mary Amanda Nooe '35, Nacogdoches, Texas, March 19, 1980.
- Randall Truett Miller '36, Clay, April 1, 1980.
- Roy Nathan Walters '36, Berea, January 14, 1980.
- Eizabeth Buckner Davis Carrier '36, Louisville, February 1980.
- Reginald I. Rice '37, Eddyville, October 31, 1979.
- *William Miller Butler '38, Millersburg, January 24, 1980.
- *John George Heber '38, Lexington, February 11, 1980.
- *James Irvin Huddleston '40, Harrodsburg, February 28, 1980.
- *James A. Sutherland Sr. '40, Bloomfield, March 6, 1980. Life member; Century Club; Past President of the UK Alumni Association; Former UK Trustee.
- Walter Velmer Hodge '40, Covington, February 10, 1980. Former UK All-SEC basketball player.
- Edward Boyne Wood '41, Covington, January 15, 1980.
- *Ernest William Sperzel Jr. '41, Memphis, Tenn., November 27, 1979.
- *Sara Lee Mock Floyd '44, Louisville, January 25, 1979.
- *Albert John Cross '46, Springfield, Ill., February 13, 1980. Life member.
- Dorcas Bell O'Neal Ambrose '48, Lexington, March 19, 1980.
- *Montgomery Douglas Givens '48, Butte, Mont., Date unknown.
- *William Siler Evans '49, Sunnyvale, Calif., April 8, 1980.
- *Gene Baker McMurray '49, Lexington, April 5, 1980.
- *Barbara Lee Holeman Clements '50, Kinston, N. C., Date unknown.
- Calvin Booth Smart '50, Murdock, Fla., February 25, 1980.
- James Isaiah Cheek '51, Louisa, September 2, 1979.
- *Hubert C. Wright Jr. '51, Knoxville, Tenn., January 3, 1979.
- *Paul Patrick Sullivan '52, Frankfort, March 28, 1980.
- David Butler Whites Jr. '52, Bowling Green, Date unknown.
- *Wendell Taylor '53, '61, Frankfort, March 4, 1980.
- James Kenneth Caldwell Jr. '55, Lexington, March 7, 1980.
- Arthur Conrad King '55, Jeffersonville, Ind., April 18, 1980.
- Mary Elmore Brown '56, Lexington, Date unknown.
- John Robert Kelly '56, Lexington, May 15, 1978.
- Davelle Didcoct Burgin '57, Lexington, January 23, 1980.
- Henry Clay Huff '59, Lexington, March 4, 1980.
- Lucile Stonebraker Bradley '59, Georgetown, Date unknown.
- Terrence Robert Fitzgerald '61, '64, Louisville, Date unknown.
- Michael P. Bell '69, Frankfort, November 21, 1979.
- John Henry Martin '70, Bardwell, Date unknown.
- *Helen Wilhoit Clark '70, Lexington, March 15, 1980. Nursing instructor at Lexington Technical Institute.
- Kenneth Bryan Lewis '71, London, Date unknown.
- Joanne Kathryn Thiede '71, Moorestown, N. J., July 8, 1978.
- Elizabeth "Betsy" Ward Hogg Nelson '72, Midway, January 11, 1980.
- Richard Hunter Tucker '78, Lexington, January 24, 1980.
- Francis Marie Stabel Spilman, Versailles, April 2, 1979.
- Benjamin H. Johnson, Louisville, Date unknown.
- William Carrolton Hall, West Irvine, November 18, 1979.
- Arthur Roy Wilson Jr., Pittsburg, Pa., Date unknown.
- *Charles F. Moller, Lexington, May 21, 1979.
- *Lotte Davis Baker, Lexington, Date unknown. Cnetury Club.
- John P. Wyatt, Lexington, January 22, 1980. Director of the UK Tobacco and Health Research Institute from 1974.
- Martin Marshall White, Lexington, February 27, 1980. UK faculty from 1930; Dean of Arts & Sciences from 1947-1965.
- Lee Hill Townsend, Lexington, February 27, 1980. UK professor from 1936; chairman of the entomology and botany department from 1962-1973. □

Clubs

Looking at D.C.

By Leo Warring

In 1922 a small group of Alumni including Messrs. H. B. DeAtley, Philip Riefkin and Jesse Miller met in Washington for the purpose of establishing the University of Kentucky Alumni Club of Washington, D. C. Since that first meeting, this group has met on a continuous basis longer than any UK Alumni Club in the world. Today there are almost 100 members in the Washington chapter, one of the largest and most active clubs outside the boundaries of Kentucky.

Much has happened since those loyal alumni started the club.

The presidency of the Club has been distinguished by the leadership of Judge Advocate General of the Army, Allen Gullion, who became Provost Marshall General during World War II, and Madileen Small, the first woman president of the club, whose service to the club was only surpassed by her service to the U. S. Government in various capacities.

The first two alumni to receive the Alumni Association's Distinguished Service Award were active members of the Washington club. Elvis J. Stahr, Jr., who was dean of the College of Law at the University, and later became the Secretary of the U. S. Army, and Virgil Couch, Assistant Director of Civil Defense, received the award in 61.

There have been honorary dinners where the club paid deserving tribute to those graduates and administrators of the University who made great contributions to the University, the Commonwealth and the Nation. One of these first successful dinners was held in January, 1931, honoring the famous Kentuckian humorists, novelist, and newspaperman from Paducah, Irvin S. Cobb. In February, 1932, a meeting was held honoring Kentucky faculty members who were in Washington at the time: Dean Sarah G. Blanding, Dean William S. Taylor, and Dr. M. E. Ligon. In 1935 Dr. Frank L. McVey, president of the University, was honored at a dinner sponsored by the club. Dr. Herman L. Donovan and Dr. Frank Dickey (who later became a member of the Washington chapter) both addressed the club in Washington during their terms as UK president.

Local alumni have frequently lobbied in Washington for the University. The club assisted the University in getting a grant of approximately \$400,000 from the Public Works Administration which was approved by President Franklin Roosevelt on September 27, 1935. In the 1970s the club also assisted the University by telephoning local alumni for contributions in coordination with a national

drive conducted by the Development Office of the University.

During the 1960s the club assisted the University in a pilot project that was labeled "the Washington Seminar." This program was designed to give outstanding students an opportunity to work with the Federal Government and to stimulate their interest about the functions of the government. Through this project many qualified students gained valuable experience, learning about their government through actual work and discussions with federal officials, and acquainted students with career opportunities in government.

The club has frequently supported the University at athletic endeavors away from the UK campus. In 1950, the Washington Alumni Club made a pilgrimage by train to Philadelphia, Pa. to see the Kentucky-Villanova football game. In October of 1977, members of the club traveled by bus to the UK-Penn State football game at State College, Pa. on a rainy afternoon, that saw the sun and a Kentucky victory blossom in the second half. During this past football season, the club was well represented at the West Virginia game.

However, the most frequent occasion for the members of the UK Alumni club of Washington to assemble has been the monthly luncheons. These

lively luncheons are well attended by members from both the Federal Government and the private sector. (Note: Club members paid as little as 55¢ for their lunch in the 30s, compared to the current \$6.50 bill of fare). The local chapter has continually been able to draw speakers who provide a source of information about the University and the State of Kentucky to UK alumni living in the area. President Singletary spoke at the December meeting which also featured the annual Christmas party and election of officers.

Current long-standing members include Earle Clements '17, Paul Keen '27, A. M. Moco Edwards '29 (Law), John B. Nichols '29, Buis T. Inman '29, Nick William '30 and Virgil Couch '30. Until recently, Berkely Davis '34 and Russel Cox '39, were active members of the club until they moved out of the area. Former executive secretary of the Alumni Association, Robert Salyers, was a member of this local chapter until his death in 1978.

At the January luncheon, Dave Ravencraft '58 succeeded Ron McCabe '61 as president for the 1980 term as the club enters a seventh decade. Leo Warring '71 is the vice-president of the UK Alumni Club of Washington, D. C. He is employed as a CPA with the Banking and Cash Management division of the U. S. Treasury Department. □

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