

# KENTUCKY

## Alumni

FALL 2010



### Medicine & Nursing: *UK Colleges Celebrate 50 Years Of Commitment To Kentucky*

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# UK Colleges Of Medicine & Nursing

## *50 Years Of Commitment To The Commonwealth Of Kentucky*

In 1956, the state of Kentucky took preliminary steps to create a medical center at its flagship university, the University of Kentucky. Experts had warned that the Commonwealth would face a shortage of physicians and nurses in the coming decades if immediate action was not taken.

Just as there were many individuals who were instrumental in providing the momentum to establish a medical center at UK, there were just as many who were determined to make the center one of the best in the nation. It would be near impossible to list everyone involved over the course of the last 50 plus years — we are not going to attempt to do that here. However, it is fair to acknowledge that during his re-election campaign for governor, Albert B. Chandler promised that he would build, and appropriate the necessary funds, for a medical college. He was a tireless proponent and his successor, Gov. Bert T. Combs, also gave full support to the project. Chandler was later honored as the eponym for the UK Albert B. Chandler Hospital.

Early staffing to get the two colleges up and running was crucial. Dr. William R. Willard, who had been dean of the State University of New York Upstate Medical Center, was selected in 1956 to be the founding vice president for the UK Medical Center and the first dean of the UK College of Medicine. His planning committee at UK in those early days consisted of Howard L. Bost, Ph.D., Robert Straus, Ph.D., Dr. Richardson K. Noback, Alan Ross, Ph.D. and Richard Wittrup.

Willard was one of the most progressive individuals in medicine in the late 1950s. With his planning staff, he promoted the concept of a health team and argued that doctors, nurses and allied health professionals must be trained together and learn to cooperate early in their careers if they were to provide the most effective patient care possible. The UK Medical Center was founded on this theory. The new facility would provide state-of-the-art care to all Kentucky residents, regardless of their ability to pay.

From the beginning, Willard and his staff of planners saw a new nursing program as an essential aspect of the plan to improve health care in the state. Willard not only wanted to create a medical school that would be on the cutting edge, he wanted to ensure that the university's nursing program, likewise, would be among the most progressive in the nation.

Straus, one of Willard's planning committee members, agreed to serve as the interim dean of nursing while a national search was conducted. In 1958 Marcia Allene Dake Ph.D. moved from New York to Lexington to become the first dean of the UK College of Nursing. At 35 years old, she was the youngest dean of nursing in the nation.

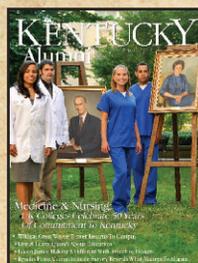
The College of Medicine and the College of Nursing, the first two colleges created within the UK medical campus, both admitted their first class of students in September 1960. Over the next 50 years, both colleges aimed to excel and serve residents of the Commonwealth of Kentucky. *Kentucky Alumni* magazine is happy to be able to present its readers with highlights and significant achievements from both the College of Medicine and the College of Nursing. Enjoy!



It wasn't all seriousness in those early 1960s! College of Medicine and College of Nursing students took some time out from their studies to socialize.

Later, in addition to Medicine and Nursing and still under Willard's leadership, the colleges of Dentistry and Allied Health (now Health Sciences) were also developed. Today the UK Medical Center also includes the colleges of Pharmacy and Public Health, and UK HealthCare provides clinical services.

UK is one of a few universities in the nation to have all six health science colleges (Medicine, Nursing, Dentistry, Pharmacy, Public Health and Health Sciences) on the same campus as the rest of the university.



### The Present Meets The Past

Several incoming first-year students in the College of Medicine and College of Nursing gathered around portraits of the first deans of their respective UK colleges.

Dr. William R. Willard was dean of the UK College of Medicine from 1956 to 1972. Among his accomplishments, he led the national movement to establish family practice as a recognized specialty in medical education and practice. Marcia Dake was dean of the UK College of

Nursing from 1958 to 1971. In addition, she oversaw the establishment of the first graduate nursing program in Kentucky, which enrolled its first nine students in 1970.

In 2010 at UK, students representing the College of Medicine in this 50th anniversary year are: Sean Allen, son of Larry and Deane Allen of Manchester and Hilda Guerra, daughter of Roberto E. Guerra of Louisville, and Bertha M. Guerra, of Louisville. Representing the College of Nursing in this 50th anniversary year are: Brianna Renn, daughter of Paul and Cheryl Renn of Louisville; and Geoffrey Lance, son of Richard and Mollie Lance of Canton, N.C.

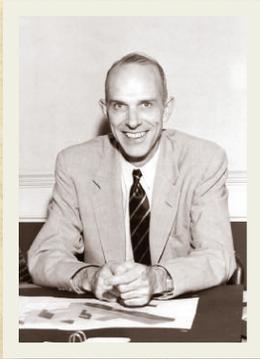
*Note: This photo was taken on campus in the courtyard that adjoins the College of Medicine, College of Nursing and College of Dentistry buildings. Photo: ©2010 Lee Thomas*

# College of Medicine

As the state's flagship medical school, the University of Kentucky College of Medicine has been on a mission for the last 50 years: To provide optimum health care to all Kentuckians. Throughout each of the five decades, there have been great triumphs in the college's never-ending quest to produce world-class physicians and scientists, perform breakthrough biomedical research and lead the Commonwealth in providing superior patient care.

Since the early days of the college, when the first dean, William R. Willard, M.D., said that he "...is the only medical school dean in the United States who presides over a cornfield," the College of Medicine has been on an extraordinary journey.

That cornfield, a section of the UK Agricultural Experimental Station farm, was on



Dean William R. Willard

Photo: College of Medicine

its way to becoming a world-class medical center. The unwavering devotion of so many people throughout the years, from Lexington physicians to government and university offi-



Photo: College of Medicine

## Cornfield that would become the UK College of Medicine

cial, finally made the dream possible.

The UK College of Medicine officially opened in September 1960. After receiving more than 400 applications, it admitted its first class of 40 students. The group included 39 men and one woman; 33 were Kentuckians, the other seven represented five different states.

Over the course of the next 50 years, the college was home to notable faculty and successful alumni, as well as the source of many significant scientific, educational and clinical breakthroughs. The college has literally marched forward from a cornfield to

a comprehensive academic medical center widely recognized for its achievements. Those same principles that were set forth 50 years ago to guide the new College of Medicine continue to direct it now.

What follows here are just a few of the important events that made the college what it is today.

## College of Medicine Highlights:

### January 1, 1962

The first person admitted to the University Hospital is a patient of Dr. Jacqueline A. Noonan, UK Pediatrics. She is treated for a congenital heart defect that occurs soon after birth in some babies. Noonan later became internationally known for her description of a genetic disorder now called Noonan Syndrome, characterized by distinct facial traits, short stature and congenital cardiac defects.

### 1962

The original UK Medical Center complex is completed at a cost of \$27.8 million.

# College of Nursing

UK College of Nursing (Use the 50th logo from Nursing somewhere.)

Dean Marcia Dake, Ed.D. and the faculty she recruited came to UK with a mission: to create an innovative program that would serve as a model to other forward-looking nursing educators. Faculty and the three deans who followed have built on this goal and set their sights on becoming one of the top programs in the nation. With an initial class of 30 traditional students and five registered nurses (R.N.) in 1960, the UK College of Nursing bachelor's degree in nursing program was UK's only undergraduate program with a selective admission policy.

These students were admitted from a large pool of applicants and were required



Dean Marcia Dake

Photo: Courtesy Explore UK

to possess high ACT test scores and grades. The program utilized an "integrated" rather than block curriculum which promoted wellness rather than just focusing on a patient's disease.

In 1961 a student committee designed a nurse's cap and selected an appropriate uniform consisting of a double-breasted blouse that was pleated in the back, and a full skirt with large hidden pockets and side tucks. Students — women in those days — were advised to wear white shoes and limited jewelry. Their hair had to be off their collars and always neat.

In January 1962 the first graduate of the college was an R.N. student and in May 1964 the first class of fifteen traditional baccalaureate students graduated. The distinctive nursing pin that graduates receive is a symbol of their right to practice nursing and nurses wear it on their sleeves. The original UK nursing pin was designed by Dake, faculty members and students from the first graduating class. They concentrated on the "Sculpture of Duality" that originally stood in front of the medical center. The rising form symbolizes "the epitome or heights man has reached" while

the downward pointing form represents "man's mediocrity, his failures, and disappointments," according to its creator Amarigo J. Brioschi.



Photo: UK College of Nursing

The original UK nursing pin, left, celebrates the *Sculpture of Duality*. It was redesigned in 2008 to capture a non-temporary look and is worn proudly by male and female graduates

## College of Nursing Highlights:

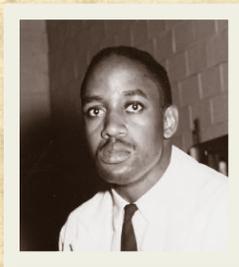
### January 1962

The first graduate of the College of Nursing is an R.N. student.

## 1964

Liaison Committee on Medical Education grants full accreditation to the UK College of Medicine.

Dr. Carl W. Watson makes history as the first African-American to graduate from the UK College of Medicine, completing a residency in 1968. He currently serves on the college's Advisory Council.



**Dr. Carl Watson is the first African-American graduate of the UK College of Medicine**

*Photo: College of Medicine*

Markesbery, UK Pathology and Laboratory Medicine, is the first to describe a rare form of heredity tardive distal muscular dystrophy, now called Finnish-Markesbery Disease.

## 1975

Robert Straus, UK Behavioral Science, founding father of the College of Medicine and chair of Behavioral Science, is the first UK faculty member to be named a member of the Institute of Medicine, one of the highest honors bestowed in medicine.

## March 1975

Dr. D. Kay Clawson is appointed the third dean of the College of Medicine.

## 1979

The popular "Clinician's Pocket Reference" comes to fruition after being based on UK's original "So You Want to Be a Scut Monkey: Medical Student's and House Officer's Clinical Handbook."

## September 1979

The Sanders-Brown Center on Aging opens, becoming national leader in im-

proving the quality of life for the elderly through research and education.



*Photo: College of Medicine*

**Colonel Harland Sanders, John Y. Brown Jr. and John Y. Brown Sr. cut the ribbon to open the Sanders Brown Center on Aging**

## 1984

The UK Board of Trustees formally accepts a gift of \$4,877,776 from the Lucille Parker Markey Charitable Trust for the construction of the Markey Cancer Center building, which became a center in 1979. The gift is part of a \$5 million matching-fund grant from the estate of Lucille Parker Markey.

Dr. Robin D. Powell becomes the fourth dean of the College of Medicine.

## December 1962

After receiving a grant from the U.S. Public Health Service, the college becomes the first in the southern region to have a full-time director of continuing education in nursing. Within the first two years, more than 700 nurses participate in a UK program.

## September 1963

The college establishes the associate degree program in nursing for Kentucky's community colleges. With a Kellogg Foundation grant, the first program opens at Henderson Community College. By 1965, there are additional programs in Covington, Elizabethtown, and Lexington.

## May 1964

The first class of 15 traditional baccalaureate students graduate.

## September 1970

The first class of nine students enters the college's master's program, the first graduate nursing program in Kentucky, just as the nurse practitioner movement was gaining momentum to deal with rising health care costs and the continued shortage of physi-

cians. The next year the enrollment increases by 29 students. Initially the college only offers a concentration in psychiatric nursing.

## 1975

Under the leadership of the second dean, Marion McKenna, the R.N. to B.S.N. program is re-designed with input from the state's community colleges, emphasizing critical thinking skills. The college briefly discontinues the traditional four-year B.S.N. program to concentrate resources on the graduate program. However, in 1981, the faculty votes to reinstate the undergraduate program.



**Marion McKenna**

*Photo: Courtesy Explore UK*

## October 1979

The \$7.2 million College of Nursing/Health Sciences Learning Center

building, on Rose Street, is dedicated. This facility, which is supported with funding from the Department of Health, Education, and Welfare, is designed to promote student learning and to serve as "a Student Center for all health science students." Prior to this, classes and faculty offices were housed in the former Center Motel located near the Medical Center.

## April 1980

The college establishes the Delta Psi Chapter of Sigma Theta Tau, the International Honor Society of Nursing.

## 1985

The UK Board of Trustees approves the college offering the first Ph.D. program in nursing in Kentucky, one of only six in the southern region and 38 in the nation. Through the hard work of the associate dean for graduate education, Juanita Fleming, Dean McKenna's vision is finally actualized in 1987 when four students are admitted. (In spring 1992, the first student graduates and the 85th graduate is hooded in May 2010.)

## 1986

Under the direction of Dr. Abner Golden, UK Pathology and Laboratory Medicine, and Dr. David L. Cowen, UK Physical Medicine and Rehabilitation, students begin delivering free medical services in a "walled-off corner" of the dining room at the Salvation Army.

## August 1988

Two UK medical students, Scott Black and Robert Bratton, draw national attention when they ask the Lexington-Fayette Urban County Council to pass an ordinance requiring businesses that sell alcohol to display signs warning pregnant women



Dr. Robert Bratton, left, and Dr. Scott Black brought fetal alcohol syndrome to the nation's attention.

of the dangers of drinking; the council unanimously approved the ordinance.

## 1990

The College strengthened its commitment to providing health care in rural areas and establishes the Center of Excellence for Rural Health in Hazard.

## 1992

The Robert Wood Johnson Foundation grants UK \$2.5 million to completely redesign its medical school curriculum to focus more on primary care, disease prevention, wellness, ethics, social issues and cost containment.

## 1997

Linda and Jack Gill donate \$5 million, matched by the Kentucky Research Challenge Trust Fund, to establish a unified, comprehensive academic program in cardiovascular science. In August of that same year, UK opened the Kentucky Children's Hospital, a 64,000-square-foot facility dedicated to meeting the medical needs of children from infancy to adolescence.

*Photo: College of Medicine*

## 2005

Acclaim occurs when eight departments in the College of Medicine rank in the Top 20 nationally for National Institutes of Health funding.

## 2006

UK officials unveil a bold plan for the "Medical Campus of the Future" that will house the six medical colleges and will help fuel the university's plans to become a Top 20 public research institution by 2020.

## 2007

Researchers in the Department of Radiation Medicine, led by UK molecular biolo-



*Photo: College of Medicine*

The discoveries of Vivek Rangnekar and his team of researchers hold promise for new, more effective cancer treatments.

## 1985

Critical to the success of the Ph.D. program is having faculty with funded programs of research. As president of the American Academy of Nursing, Dean Carolyn Williams, the college's third dean, stresses that research was not just desirable; it would be required for faculty advancement.

## 1987 & 1988

Nursing faculty receive research funding from the National Institutes of Health. Marcia Stanhope receives a new investigator award in 1987 to study intensity of care in home health. Lynne Hall and Barbara Sachs get the college's first R01 grant in 1988, receiving \$320,000 to study predictors of health outcomes in single mother families. In 2009-10, nursing faculty take the lead on \$2.5 million in external grant funding and collaborate on an additional \$6.5 million in external grants, moving UK closer to its goal of being a top 20 public research university.

## Early 1990s

The college adds nurse case manager and pediatric nurse practitioner tracks to its master's program, and follows with the acute

care nurse practitioner track in 1995. Given the Commonwealth's need for nurse practitioners, enrollment grows to 100 in 1995.

## 1990 & 1996

In conjunction with the state's rural health initiative, the college establishes an associate degree/R.N. to master of science in nursing outreach program at Hazard Community College and in 1996 an outreach nurse practitioner program at Morehead State University.

## 1997

Linda and Jack Gill donate \$5 million, matched by the Kentucky Research Challenge Trust Fund, to establish a comprehensive academic program in cardiovascular science. The Linda C. Gill Chair in Nursing, held by Debra Moser, who directs the Center for Biobehavioral Research in Self-Management of Cardiopulmonary Disease at the college, is created to support research in cardiac nursing. Linda Gill also establishes the Marcia A. Dake Professorship in Nursing Science, currently held by Lynne Hall.

## 2001

The first doctor of nursing practice (D.N.P.) program in the country opens at UK. In August 2005, the first six graduates receive their degree and in May 2010 the 32nd post-master's D.N.P. graduate is hooded. In fall 2009, the college admits its first cohort of B.S.N. to D.N.P. students in response to the national movement to prepare advanced practice registered nurses at the doctoral level. Specialties include acute care nurse practitioner, adult clinical nurse specialist, adult nurse practitioner, family nurse practitioner, pediatric nurse practitioner, psychiatric mental-health nurse practitioner and population and organizational systems leadership.

## Summer 2004

The first cohort of second degree baccalaureate students is admitted, with support from the A.B. Chandler Medical Center and Saint Joseph's Hospital. (The five-semester program has been completed by 78 students.) Enrollment in the traditional baccalaureate program is increased from 80 to 160 students annually, beginning in fall 2007, in response to the need for a highly educated nursing workforce.

gist Vivek Rangnekar, Ph.D., create a cancer-resistant mouse by introducing the gene that codes for the tumor-suppressor protein Par-4 in a mouse embryo.

## 2008

The college announces plans to address the acute shortage of physicians by increasing its enrollment and recruiting and training physicians in the state's medically underserved rural areas by launching the Rural Physician Leadership Program with its first site in Morehead.

## January 31, 2010

The college has 204 basic science faculty, 600 clinical faculty, 208 part-time faculty, and 999 community-based faculty and 2,349 staff.

"Reflecting on the College's accomplishments of the last 50 years has given us the opportunity to look ahead to the future," says Interim Dean Emery A. Wilson. "With many groundbreaking pro-



Emery Wilson

Photo: College of Medicine

grams in place already and new ones to come, we are in a great position to continue excelling and growing as an institution well into the next 50 years."

## Significant Rankings & Achievements

- According to a study published in the *Annals of Internal Medicine*, the University of Kentucky College of Medicine was ranked among the top 20 medical schools in the United States based upon its "social mission score" representing the percentage of graduates who practice primary care, work in underserved areas or are underrepresented minorities.
- Admission to the UK College of Medicine continues to be competitive with more than 2,000 applicants applying annually for its 113 coveted spots in each class.
- Grants and contracts in UK's College of Medicine exceeded \$134 million in fiscal year 2010, including in excess of \$88 million in National Institutes of Health funding. In the federal fiscal year 2008, UK received 61 percent of the NIH re-

search funding granted to Kentucky medical schools. The College of Medicine accounts for more than 40 percent of UK's total research dollars.

## UK College of Medicine Deans

- Emery A. Wilson, M.D., present, interim
- Jay A. Perman, M.D., 2004-2010
- Emery A. Wilson, M.D., 1988-2004
- Emery A. Wilson, M.D., 1987, interim
- Robin D. Powell, M.D., 1984-87
- David L. Cowen, M.D., 1983-84, interim
- D. Kay Clawson, M.D., 1975-83
- Doane Fischer, M.D., and Roy K. Jarecky, Ed.D., 1974, acting co-deans
- William S. Jordan Jr., M.D., 1967-74
- Thomas F. Whayne Jr., M.D., Ph.D., 1964-67, interim
- William R. Willard, M.D., 1956-64

## June 2007

Five outstanding nursing alumni are inducted into the inaugural College of Nursing Hall of Fame by Dean Jane Marie Kirschling, the fourth dean of the college.



Jane Kirschling

Photo: College of Nursing

## 2009

The Undergraduate Research Internship program receives the 2009 Innovations in Professional Nursing Education Award from the American Association of Colleges of Nursing. This unique program fosters undergraduate students' pursuit of careers as nurse scientists.

## 2010

Thirty-six nursing faculty and staff practice within UK HealthCare, other health care organizations, and public school settings. Practice involvement has grown over the years as the number of graduate specialty tracks has increased to meet the needs of the Commonwealth.

For the more than 4,500 students who have graduated from the College of Nursing since 1964, their connection has had both personal and institutional dimensions. Alumni have built rewarding careers and in doing so, have helped to advance the college's reputation through their contributions to the profession.

## Significant Rankings & Accomplishments

- The College of Nursing enjoys national rankings and an average 97 percent first-time pass rate for B.S.N. graduates taking the National Council Licensure Examination over the past nine years.
- The UK Ph.D. program in nursing is ranked 10th out of 99 private and public Ph.D. programs in nursing (2008 Academic Analytics, LLC Report).
- The college's graduate program is tied at 26th among graduate schools of nursing according to U.S. News & World Report in its 2008 edition of America's Best Graduate Schools.

## College of Nursing Leadership

- Marcia A. Dake, Ed.D., R.N. 1958-1971
- Marion E. McKenna, Ed.D., R.N. 1971-1984
- Carolyn A. Williams, Ph.D., R.N., FAAN 1984-2006
- Jane M. Kirschling, D.N.S., R.N., FAAN 2006- Present



First Nursing Hall of Fame honorees are, left to right, Cynthia H. Rushton, Alice Gertrude Herman, Sue Thomas Hegyvary, Nancy Dickenson-Hazard and Elizabeth "Betsy" Weiner.

Photo: College of Nursing