MEDICINE
Condita MDCCCXXXVIII

DENTISTRY
Condita MDCCCXCVII

PHARMACY
Condita MDCCCXCVII

NURSING
Condita MCMXIII

ALLIED HEALTH PROFESSIONS
Condita MCMLXIX
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Then and Now

The X-Ray staff presents Volume XCIII with an historical theme of “Then and Now” – one capturing important events over the last one hundred and sixty eight years of the Medical College of Virginia’s history and its present day achievements. This edition serves to remind us of the invaluable contributions that our school has made to the progress and development of the health sciences over a period spanning several centuries. Chronicling the college’s humble beginnings in a renovated hotel in 1838 to its downtown expansion in 2006, herein we have written of the past and coupled it with our constructive and progressive present so they may be a source of fond recollection in the future.
Welcome to Richmond

This statue of Dr. Hunter Holmes McGuire, a famous surgeon and medical leader of his time, is the only statue of a physician on the grounds of the Virginia State Capitol.

A glimpse of the 100-acre grounds of Maymont Park, which features several wildlife exhibits, a variety of specialty gardens, an arboretum, and the country's largest carriage collection.

Dedicated to all the Richmond and Virginia World War I Veterans, The Carillon, located in Byrd Park, serves as the area's tallest monument.

Built in the early 1800s as a schoolhouse for children, some believe this to be the oldest structure on the MCV Campus, located adjacent to the Massey Cancer Center.

Surrounded by the VCU Medical Center, the White House of the Confederacy was the home of Jefferson Davis and his family throughout the Civil War.

Old City Hall, located across the street from the Children's Pavillion, boasts Victorian Gothic architecture and currently serves as a private office building to the people of Richmond.
Richmond, the capital of Virginia, is in the east-central part of the state on the James River north of Petersburg. Settled in the 17th century, it became the capital of Virginia in 1779 and was strategically important in the American Revolution and the Civil War, during which it served as the capital of the Confederacy. Today, it is home to many universities and continues to gain national recognition.

The Executive Mansion has been the residence of Virginia’s governors since 1813, making it the longest occupied governor’s living quarters in the United States.

The Cathedral of the Sacred Heart, located on the VCU Monroe Park Campus, is considered the finest example of Italian Renaissance Revival style in Virginia.

Widely thought of as the most picturesque street in the Fan District, Monument Avenue is known for its statues of famous Virginians, such as this statue of Robert E. Lee.
MCV Hospitals

MCV Hospitals is the teaching hospital component of the Virginia Commonwealth University Health System (VCUHS), which also includes a number of outpatient clinics. VCUHS is the only academic medical center in Central Virginia and is a regional referral center for the state. With over 800 licensed beds, MCVH has approximately 20% of the Richmond inpatient market, recording more than 500,000 outpatient visits each year. Over 82,000 patients are treated annually in the hospital's emergency department, which is the region's only Level I Trauma Center.

As part of a Carnegie Foundation Level I Research University, the VCUHS boasts major programs in cardiac, solid organ transplant, neurosurgery, and women's health. The VCUHS delivers patient care services for VCU's Massey Cancer Center, a National Cancer Institute designated facility, which offers patients many multi-disciplinary treatment options and access to clinical research trials. The VCUHS Evans-Haynes Burn Center was the first civilian burn unit in the country and remains the only such facility in the state.
Left: VCU Health Systems Children’s Pavilion

Below: Entrance to the Emergency Department of Main Hospital

Above: An aerial view of the A. D. Williams Clinic and West Hospital, with Main Hospital pictured in the background

Left: Hunter Holmes McGuire Veterans Affairs Medical Center
The School of Medicine opened in November 1838, with its first graduating class of 14 men in 1839. Today, with an enrollment of 738 professional students and 418 graduate students, the VCU/MCV School of Medicine has grown considerably, with a graduating class of 163 men and women in 2005. The School has graduated Nobel Prize and Lasker Award winners and has been a pioneer in transplantation, cancer, and addiction medicine research.
The School of Dentistry was founded in 1893, with its first graduating class of three men in 1895. Currently, 422 students are enrolled in the VCU/MCV School of Dentistry, with 85 graduates in the class of 2005. Nationally, it is known as the “Mother of Deans,” with twelve faculty members and/or students having become deans at VCU/MCV and at other universities including Tufts, UCLA, and University of North Carolina.
The School of Pharmacy began as a special degree awarded starting in 1879, with its first graduating class of 3 men in 1882. A separate department was not created at MCV until 1898. Today, the VCU/MCV School of Pharmacy has an enrollment of 477 professional students and 65 graduate students, with 104 graduates in 2005. This year, the U.S. News and World Report ranked VCU/MCV School of Pharmacy as 21st in the nation.
The School of Nursing began in 1893, with its first graduating class of 2 women in 1895. Now, the current enrollment is 830 students at the VCU/MCV School of Nursing, having graduated 308 students in 2005. With today’s shortage of nurses, the school is supplying a much needed resource for the state and the nation, expanding its facilities to include a new building for the School of Nursing to be completed in 2007.
The School of Allied Health Professions was created on January 1, 1969, with its first graduating class of 84 students from four programs in the spring of 1969. With a total of 904 students currently enrolled in its nine programs, 156 degrees were conferred to students in 2005. Among its nine programs, five have been nationally ranked by U.S. News and World Report: Nurse Anesthesia – 1st; Health Services Administration – 5th; Occupational Therapy – 15th; Rehabilitation Counseling – 20th; and Physical Therapy – 25th.
Student Life
The annual Medical College of Virginia Winter Formal is sponsored by the MCV Student Government Association. Traditionally held every year at the historic Jefferson Hotel, it is one of the events students look forward to year after year. This year’s event featured gourmet hors d’oeuvres, two separate dance rooms featuring the Kings of Swing, dance lessons, and a live DJ. Approximately 1200 students, faculty, and administration attend the formal each year.
The Jefferson Hotel - February 17, 2006

Left: A glimpse inside the Jefferson Hotel and its magnificent stained-glass skylight. The hotel boasts a 70-foot high ceiling, rich tapestries, and marble columns.

Right: The hardworking coordinators of the formal, Janelle Posey, Zeina Saliba, and Giza High.
Then and Now
An History of the Medical College of Virginia Campus

By: Denise G. Canonizado & Patrick H. Sweet III
While much of Virginia's fame is tied to the political struggles of early America, Virginia is also renowned for its integral role in scientific developments. Known fondly as the "birthplace of a nation," it is also the birthplace of many advancements in the health sciences. The first American pharmacopoeia, the first autopsy, the first hospital, and the first insane asylum on this continent were Virginia achievements. As a pioneer in the health sciences, it is not surprising that Virginia institutions would seek to serve as models for others to follow.

The Founding of the College

In the early 19th century, medical education in Virginia drastically differed from what it is today. Medical schools did not exist in Virginia as apprenticeships remained the main source of medical education. Obtaining a medical education in England and France was highly desirable, and those who could afford it went overseas. As for the majority of Virginia students, many attended northern medical schools as few established schools existed in the South.

The establishment of medical schools in Virginia has resulted in the outcome of three schools operating today: the Medical College of Virginia, the University of Virginia, and Eastern Virginia Medical School. Early attempts at establishing medical schools occurred at Virginia institutions such as the College of William and Mary, Winchester, and Randolph-Macon College, but these attempts were short-lived.

The idea of opening a school in Richmond for medical and scientific learning began in the late 18th century. The French philosopher Quesnay had plans of opening a grand "University of the United States" in the center of Richmond, which he called Academy Square. While his plans never came to fruition because of the French Revolution, the dream of an institute for higher learning in Richmond lived on. In 1837, several physicians began planning a new Department of Medicine of Hampden-Sydney College, hoping to entice Virginians to stay in the South to study. This new Richmond Department of Medicine was endorsed by Hampden-Sydney College on December 1, 1837, and opened its doors to its first class of 46 medical students on November 5, 1838. The first class of 14 men graduated on April 4, 1839.

The founding fathers consisted of an extraordinary group of men from various medical schools, mostly from the North, such as Maryland and Pennsylvania. The first four chairs appointed were the petitioners who had sought the departments founding – Drs. Augustus L. Warner, the first Dean and Chair of Surgery and Surgical Anatomy; Richard L. Bohannan, Chair of Obstetrics and Diseases of Women and Children; Lewis W. Chamberlayne, Chair of Materia Medica and Therapeutics; and John Cullen, Chair of the Theory and Practice of Medicine. Two additional professors were appointed – Drs. Socrates Maupin, Chair of Chemistry and Pharmacy; and Thomas Johnson, Chair of Anatomy and Physiology.

The founders initially based the course of instruction on the older northern medical schools. There were two four-month sessions consisting of six courses, with the second session being a repetition of the first. Since the preceptor system was in use, graduation was contingent upon completing a year of study under a reputable physician or attendance of a summer course, a thesis, and an oral examination. The tuition was $20 for each of six courses paid directly to the instructor. There was a dissecting fee of $10, a matriculation fee of $5, and a graduation fee of $25. The total cost of study for two sessions and graduation was less than $300.

The first location of the Medical College was the old Union Hotel at the corner of 19th and Main Streets. The hotel was leased by the College and converted into an infirmary with creditable teaching quarters, turning the hotel ballroom into a surgical theater. In 1839, it was described in the Southern Literary Messenger, of which Edgar Allan Poe was the editor:

The spacious and elegant building which it occupies, could not have been better adapted to its various uses, if originally designed exclusively for such objects. The general lecture room had been fitted up in a style of superior taste, and is large enough, we should judge, to contain with ease two hundred students. There are, besides, two other lecture rooms for the chemical and anatomical classes, and we confess we were very agreeably surprised at the extent of the anatomical museum, and, as far as an unprofessional spectator could judge, the completeness and excellence of the chemical apparatus. That however which must give peculiar value to the institution, is the presence of an infirmary within the walls of the building, in which the patients are provided with airy and comfortable rooms, attentive nurses, and constant medical attendance. The opportunity which is thus afforded for instruction at the bed-side of the sick, by an easy and convenient transit from the lecture room, cannot it seems to us be too highly appreciated.

Soon, plans were underway for a more modern and elaborate building to be built on Shockoe Hill – the Egyptian Building, the first of many buildings added to the medical campus.
The Egyptian Building

A
fter several years in a reconditioned hotel, the Board of
the College decided they needed a space specifically
created for medical education. Aid was sought to pay
for the structure and the Commonwealth offered a $25,000 loan
and Richmond donated $2,000. Accordingly, a parcel of land was
purchased on Shockoe Hill on the 1200 block of Marshall Street.
The Board chose the noted Philadelphia architect, Thomas W.
Stewart, who had just completed the new St.
Paul’s Church to build the College Building.
Interestingly, Stewart chose a style known as
Egyptian Revival, one that was wholly unheard
of in this country.

Many believed that his choice of style was
appropriate because it represented the esoteric, almost enigmatic
nature of medicine. Furthermore, the origins of medicine went
back to the Egyptian physician, Imhotep, of whom Sir William
Osler wrote he was the “first figure of a physician to stand out
clearly from the mist of antiquity.”

The Egyptian Building was originally called
College Building and later the Old College Building.
The latter title was fitting because the National
Historic Register of Landmarks considers it to be
the oldest medical college building south of the
Mason-Dixon Line. The battered walls of the
structure do well to represent the old temples of Egypt. Indeed, the
building has often been compared to the Temple of Horus at Edfu.

Originally, the building housed medical lecture rooms, a
dissecting room, an infirmary and hospital beds for medical and
surgical cases. The building is constructed from brick, stucco and
cast iron. Restored in 1939 by the architects Baskerville and Son,
the new auditorium was named in honor of Dr. Simon Baruch, an
1862 graduate of the MCV School of Medicine. At that time the
interior of the building was remodeled to carry on the Egyptian
style.

Its battered walls - thinner at the top than at the bottom - give
an impression of solidarity and height. This effect is emphasized
by the relatively minimal windows for a five-story
building. These windows are diamond paneled and
incorporated without a style break. The columns
represent reeds bunched together and are capped
off by capitals of palm fronds, a style commonly
used in Egyptian columns and a
precursor to the neoclassical molds.
Several obelisks flank the structure and are
connected by a cast iron fence that incorporates
what appears to be hermai, resembling sarcophagi
(mummy cases), forged by R. W. Barnes of
Richmond.

Also prominent throughout the Building is the
use of the winged sun disk. On the exterior it is
found repeated in the cavetto cornices that cap the
pylons. This winged disk represents Horus, an
Egyptian god, flanked by the goddesses Bakhet
and Uaset in the form of snakes. Later this image took on other
meanings with the sun disk representing eternity, the serpent
representing wisdom, and finally the wings representing the spirit.

On the interior, the lotus flower design is used repeatedly.
The interior colors are deeply symbolic and have a mystic meaning:
red represents divine love; blue represents divine intelligence; and
the golden yellow represents the mercy of God. Hieroglyphics are
incorporated in the antechamber decorations and the floor tiles
depict a large scarab beetle.

The hieroglyphs in the antechamber to the auditorium are not
faux but actually have meaning. The right side of the jamb,
reading from bottom up, “I never took pleasure in
any conversation wherein were words of
exaggeration and lies.” The left side of the jamb
read, “Though didst make me great because I was
performing my duty.” They come from an
Egyptian hymn to the gods Amon and Aton in the
Reign of Amenhotep III (1390-1352 B.C.). Amon is the king of
gods and Aton is one of the sun-gods (the other being Re). These
are surely admonitions that can be used by students today.

The lintel, or horizontal part of the door jamb, bears a different
set of messages. On the left it reads, “Tutankhamen: To whom life
is given forever” and on the right it reads, “Tutankhamen: Living
image of Amon.” This message has little meaning for posterity,
but probably represents the fervor with which the public associated
Egypt with the child pharaoh, King Tut (Tutankhamen), who was
discovered in 1922, very near to when this interior was remodeled.

The building has been in continuous use since 1845. In 1969 it
became an historic landmark, and in 1995 it celebrated its 150th
anniversary. It has at one time or another been used by every
school in the Medical College. With its unique and beautiful
architecture, it still represents the Art and Science of medicine,
and, for that matter, the Arts and Sciences of all academia in the
University, and thus it deserves the honor of being the Alma Mater
of this institution. No better was it described than at Founders’
Day exercises held at the Egyptian Building, 5 December 1940,
when Dr. Wyndham Blanton commented to alumni and guests:
What old Nassau Hall is to Princeton, what the Wren Building is to
William and Mary, what the Rotunda is to the University of
Virginia, the Egyptian Building is to the Medical College of Virginia.
It is a shrine, a sanctuary of tradition, the physical embodiment
of our genius. It is a spiritual heritage. In a world often accused of cold
materialism, with an ideology of human self-sufficiency, and an
adoration of objects that can be handled and seen, there is a need for
things of the spirit, if science is to do more than make life safer,
longer and more comfortable.
MCV Becomes a State Institution

In 1853, a schism arose between the medical faculty and the trustees of Hampden-Sydney College. They could not agree on whom to appoint as the new Chair of Physiology and Medical Jurisprudence. The medical faculty nominated Dr. Martin P. Scott, however, the trustees appointed Dr. Goodridge A. Wilson, based on the recommendation of twenty-two Richmond physicians unaffiliated with the medical department. A newspaper and pamphlet war ensued as each side claimed the other was assuming too much control. While the trustees did indeed have the right of appointment as stated in the charter, they had never before ignored the recommendations of the medical faculty, who by the same charter had the privilege of nomination. This turmoil spilled over into the General Assembly who solved the problem by the chartering of a new, independent institution on February 25, 1854 – the Medical College of Virginia (MCV).

During its first few years, MCV struggled to maintain its reputation as it battled financial hardships and public scrutiny. Individual faculty members advanced their own money for expenses to keep the school open. Also, a large portion of Virginia physicians, embittered about the preceding fight, allied against the institution, attacking the faculty and exposing every weakness of the College. This was the beginning of a long standing bitterness between the Virginia physicians and the faculty of MCV.

Despite this difficult time, MCV was still able to attract many prominent physicians to the faculty. One of the most memorable was Dr. Charles Edward Brown-Séquard, who served as Chair of the Institutes of Medicine and Medical Jurisprudence from 1854 to 1855. In the basement of the Egyptian Building, he conducted the research that led to an internationally acclaimed paper on endocrinology and another on the physiology and pathology of the spinal cord during his tenure at MCV. His experimental animals filled the basement, causing so much noise that professors and students found it difficult to hear during lectures. One of his more well-known experiments included implanting a dog’s tail in the comb of a rooster and nurturing it until it took root and grew there. Dr. Brown-Séquard was known for his eccentric teaching styles, such as swallowing sponges attached to strings and withdrawing them before the class to demonstrate digestive fluids in action. In order to learn more about the human body’s need for sweating, he “bedaubed himself from head to foot with waterproof varnish, and sitting down, notebook in hand, proposed to record the phenomena as they arose....Among the first things he noted was that he was beginning to die.” Fortunately, one of his students, William H. Taylor, found him unconscious on the floor, and with “assiduous scraping, rashing, and sandpapering,” was able to save Brown-Séquard’s life. His passionate love of science and his compelling nature to reveal its secrets for first-hand observation made a lasting impression on his students. Today, he is also internationally known for the neurological disease named after him, the Brown-Séquard syndrome.

In the late 1850s, as the gap between the North and South became even more evident, Southern schools began urging Southern students to remain in Southern institutions. It was not until October 1859, however, that students really considered going back to the South. John Brown’s raid on Harpers Ferry in October 1859 and his subsequent hanging at Charleston on December 2, 1859 were the precipitating events that led to a few hundred medical students seceding from their Northern medical schools. In December 1859, Drs. Hunter Holmes McGuire and Francis E. Luckett, while teaching a class, rallied some 400 Southern students in Philadelphia from Jefferson Medical School and the University of Pennsylvania Medical School to come home to the South. On December 17, the first of several telegrams was sent to the faculty of MCV asking whether the students would be admitted to MCV to finish the rest of the session and on what terms. The faculty eventually decided that they would admit those students who had regularly matriculated and paid their fees of tuition in Philadelphia without charge for the remainder of the session. They agreed that these students would be treated as if they were their own students in terms of graduation and all other respects. On December 22, 1859, 244 students arrived in Richmond, mostly from schools in Philadelphia and a few from New York. As more students seceded from the Northern schools, the student body grew larger. In the end, 144 students decided to permanently stay at MCV while the others continued southward to other medical schools that decided to open their doors. Along with the 26 original members of the class, 56 additional students graduated in March 1860.

With the addition of so many students, nearly tripling the size of the student body, the faculty went in search of new sources of funding to expand MCV. In 1860, the Medical College of Virginia went from being privately owned to a state institution. In return for a $30,000 appropriation from the legislature, MCV conveyed all of its property to the Literary Fund of Virginia. This placed MCV not merely under the patronage of the state, but under its absolute ownership and control. Now, there were enough funds to build the first hospital building called the College Infirmary. This three story brick building with a basement had a bed capacity of 80 and cost $22,336.57, located adjacent to the College.
The Civil War

The Civil War erupted in 1861 and continued until 1865. During these four years, the Medical College of Virginia was the only Southern medical school to remain open and the only school to graduate a class during each of the years of the Civil War, providing an invaluable service to the South. The five month session was reduced to four months, and many students were sent to the front with hardly any medical experience. Dr. Simon Baruch, class of 1862, commented on being sent out to do major surgery while he had never even lanced a boil. The entire faculty of eight professors not only managed the medical school, but also served some post in the service of the Confederacy.

Dr. Hunter H. McGuire, even though he is credited as one of the leaders of the secession of Philadelphia medical students, was actually only twenty-six years old. In reporting for duty, General T. J. “Stonewall” Jackson did not think he was old enough to be a doctor, however, Dr. Hunter H. McGuire soon gained his confidence and they became friends. He is probably best known for the amputation of the arm of Stonewall Jackson, which subsequently, one week later, resulted in his demise.

One of the most noteworthy faculty contributions was that of Dr. James B. McCaw, Professor of Chemistry. He established the Chimborazo Hospital and served as surgeon-in-charge and commandant until he surrendered the facility to federal control. Chimborazo Hospital opened on October 1861 and was the largest hospital that had ever existed in the western world, possibly the largest in the world, treating more than 76,000 patients throughout the four years of the Civil War. With only 7,000 deaths throughout the Civil War, it had one of the lowest mortality rates of that era of only 20 percent; while dismal by today’s standards, it was actually quite remarkable considering it was during the era before antibiotics, antiseptic surgery, and widespread understanding of the germ theory. Chimborazo Hospital was innovative, pioneering several new techniques in medicine and

Confederate leaders viewed it as one of the finest hospitals of their new nation.

In 1862, one of MCV’s alumni, Dr. William Latané, became part of J. E. B. Stuart’s cavalry, not as a physician, but as a cavalry officer. He is well known as being the only casualty in Stuart’s famous “Ride around McClellan” of April 1682. The story of his death and burial is well known in the South. Following his death by hand-to-hand combat, his brother attempted to return his body to their family. He was then taken prisoner by Federal troops, leaving the body with Mrs. Catherine Brockenbrough, who had to arrange the burial herself. She and a handful of women and children along with a few male slaves were the only ones present at Dr. Latané’s funeral, leaving her to read the funeral service herself since the Federal troops would not allow a clergyman to pass through their lines to conduct the service. His burial was depicted in a famous painting, “The Burial of Latané,” which still hangs in Virginian homes today.

The Civil War was a difficult time for MCV as resources were scarce and prices were rising. The faculty petitioned for the right to purchase items from the Confederate commissary at government prices so they could have essential staples such as salt, bacon, and butter’s meat. Prices for admission and medical attendance were raised, and on March 1, 1865, in order to remain open, MCV was forced to sell its only ambulance horse at auction, bringing only three times the price of a bushel of corn. With rising costs and waning funds, they could no longer afford to operate the hospital, so patients were moved back to the wards in the Egyptian Building. The College Infirmary was rented as a rooming house and part of its furnishings were sold at auction, bringing in little money to help continue the teaching program.

The Reconstruction

Following the end of the war, the Medical College of Virginia was still struggling for funds. The General Assembly came to the rescue in 1866, appropriating $1500 to reimburse the faculty for advanced funds used for repairs, insurance, and replacement of buildings and items destroyed during the war. For several years, thereafter, appropriations in the same amount were made annually. During this time, the enrollment of MCV also declined from 60 to 20 and the number graduated each year from 20 to 10, despite the efforts made by the MCV faculty. This was not out of the ordinary for this time period because the Reconstruction was a period of decline for the white male in the South.

In 1867, the faculty established MCV’s first outpatient clinic by agreeing to cooperate with the Freedmen’s Bureau and the City of Richmond. The clinic was designed for the “dispensary for the relief of the sick poor, both white and colored.” Three or four rooms in the Egyptian Building were used on the condition “that the faculty shall have command of the clinical material which may be afforded by the Dispensary.”
On January 22, 1879, MCV expanded its program to not only the training of physicians but also of pharmacists. While pharmacy had always been taught as part of the medical curriculum, the General Assembly amended MCV's charter to "confer the degree of graduate in pharmacy upon such candidates as—having completed two full courses of lectures on materia medica, therapeutics, and on chemistry and pharmacy, and having been thoroughly examined by them and complied with such regulations as may be adopted by the faculty—shall be deemed worthy of distinction." The students who had completed these courses and had two years in an approved drug store were deemed graduates in pharmacy. The first graduates of the School of Pharmacy were three Richmond men in 1882. This was only the beginning of the Medical College of Virginia's expansion to ultimately embrace education for all the recognized health professions.

Yet another crisis for the Medical College of Virginia arose in 1882. There was much speculation about inadequacy of the preparation for the practice of medicine. Fees were said to have been cut and scholarships abused, forcing Governor William E. Cameron to take some sort of action. He decided to revamp the Board of Visitors, appointing a new board and retaining only two of the old, both of whom declined to serve. The new Board of Visitors attempted to visit the College and inspect the books upon the request of Governor Cameron, but met resistance. Outside the Egyptian Building, Dean James B. McCaw and Dr. John S. Wellford were standing guard with a police officer, refusing admission to the newly appointed Board. When W. E. Sims attempted to enter the building, he was arrested. The new Board attempted two more times to eject the faculty, but failed. The old Board of Visitors believed they were still the only legally qualified Visitors, and appointed a committee to confer with the Attorney General. No progress was made, and the matter was finally settled by the Supreme Court of Appeals, ruling in favor of the old Board on April 30, 1883.

While the Governor had failed to replace the Board of Visitors, the Medical College of Virginia remained under scrutiny within the medical community for some time, with editorials often insulting the Board of Visitors, one in particular questioning whether the Dean was perhaps "more knave than fool."

The Turn of the Century

In 1893, a second medical college opened its doors in Richmond, just a few blocks from the Egyptian Building known as the College of Physicians and Surgeons. The following year it changed its name to the University College of Medicine (UCM). Founded by Dr. Hunter H. McGuire, former professor of surgery at MCV and Civil War hero, he established three separate divisions for the new school—Medicine, Dentistry, and Pharmacy. The curriculum for medicine and dentistry were each three years, whereas pharmacy was only two. The wartime residence of Confederate Vice President Alexander H. Stephens at Twelfth and Clay streets was converted into a college building, and the former mansion of Dr. John Brockenbrough at the corner of Eleventh and Clay, became the hospital for the College, named Virginia Hospital. The building was remodeled to provide 62 beds, and in 1895 an annex was added, bringing the total number of beds to 125. They also established a new training school for nurses, the Virginia Hospital and Training School for Nurses. In 1900, Dr. Hunter H. McGuire passed away, leaving his son, Dr. Stuart McGuire, to carry on his ideas and passion for improving medical education in the South. A disastrous fire in 1910, destroying the college and damaging Virginia Hospital, put UCM in a desperate situation for funding, but a munificent contribution of $100,000 from the Richmond citizens came to the rescue, and was used toward the erection of another new building. While the new building was being constructed, the Old Millhiser Tobacco Warehouse was used as the main college building. In 1912, McGuire Hall, named after Dr. Hunter H. McGuire, opened as the new home of the University College of Medicine.

The creation of a new medical school in Richmond was a great stimulus for change within MCV to find ways to improve medical education and to expand its program to include more fields. Following the example of the University College of Medicine, MCV expanded the medical curriculum to three years in 1894. A two-year course was established in 1895 for nursing at the Old Dominion Hospital, formerly known as the College Infirmary. Great efforts were made to put the School of Nursing upon a place of efficiency and standing as soon as possible, and so Miss Sadie H. Cabaniss from Johns Hopkins Hospital was appointed superintendent. Her education, training, ideals, and force of character contributed to the formation of a school of nursing whose high standards are still pointed to with pride and gratitude. In 1897, the School of Dentistry was authorized and a three-year graded curriculum established. Also, the School of Pharmacy was formally organized and remained a two-year graded curriculum. In 1899, MCV lengthened the medical curriculum to four years, the first in the state to adopt this advance. The faculty size of MCV also grew to match that of the University College of Medicine. Much of the change was led by Dr. George Ben Johnston, who served as Professor of Surgery of various surgical departments during his time at MCV. He has been credited with many advancements in surgery, including introducing
Listerism, the foundation of antiseptic surgery, to Virginia in 1879. In 1903, Dr. Johnston founded a hospital at MCV – Memorial Hospital. Located at Twelfth and Broad Streets and with 200 beds, it was “the largest hospital between Baltimore and New Orleans.” Though this brought great attention to MCV, it also caused some problems – the costs to run the hospital far outweighed the budget MCV had available.

Both medical schools constantly pointed out the shortcomings of the other and often fought over incoming students, sending greetings to the train station to persuade the young men to study at their institution. While an intense rivalry existed between the two institutions, it forced every physician to study and teach medicine and accomplished what MCV alone had not been able to do – it attracted Virginia students to remain in Virginia for their medical education. In just one year, the number of Virginian students in Virginia institutions increased from 225 to 450.

Early in the first decade of the 20th century, Dr. Simon Flexner traveled around the country visiting medical schools. He published his findings in 1910 in what is now known as the Flexner Report, a report that changed the face of American medical education and resulted in the closing of many medical schools and the consolidation of others, leaving the country with fewer but stronger medical schools. In February 1909, Dr. Simon Flexner visited both medical colleges in Richmond. His report stated:

The destruction by fire of the University College of Medicine at Richmond should precipitate the consolidation of the two independent schools. Separately neither of them can hope greatly to improve its present facilities, which, weak in respect to laboratories and laboratory teaching, are entirely inadequate on the clinical side. Their present hospitals utilized together, though still unsatisfactory, would at any rate be much more nearly adequate than is either hospital taken by itself; and the combined fees would furnish much better laboratory training than either school now gives. A single independent school of the better type might still have in Virginia a brief term of prosperity—the more so as the medical department of the University of Virginia is on a considerably higher basis.

While Flexner did not hold either MCV or UCM in high regard, a compilation in 1911 by the American Medical Association (AMA) said something different. Dr. Christopher Tompkins, MCV alumnus, former Professor of Anatomy and of Obstetrics, and Dean since 1893, stated in his farewell address as dean in 1913 that the AMA report showed “that of all the medical colleges in the United States, and taking them in the order in which their graduates passed the various medical examining boards, the Medical College of Virginia stood fourth,” with Rush, Johns Hopkins, and Cornell ranking above MCV.

Dr. Flexner was not the first to think of amalgamating the medical schools in Virginia. The first idea came in 1899 at an MCV faculty meeting where they discussed the possibility of merging with the University of Virginia medical school. In 1906, members of the faculties of MCV and UCM began seeing that the merging of their two schools was becoming necessary and was probably inevitable. The first attempt to consolidate the two schools was in 1910. MCV had made its buildings and appliances available for UCM to use after the devastating fire of 1910. It was assumed that the two schools would merge after this, and while the MCV faculty unanimously approved this merger, the plans fell through and failed. Two years later, a bill was introduced to the General Assembly calling for the merging of MCV, UCM, and UVA, based on the thought that there should only be one medical school in Virginia. While most were in favor of the merger, the plan failed because funds expected from the Rockefeller Foundation did not materialize.

In 1913, plans were finally set in motion to merge MCV and UCM. Drs. Stuart McGuire and George Ben Johnston appear to have been the most influential in the consolidation of the two medical schools. At first, the faculty of both schools could not come to an agreement over how to merge the two schools. Dr. Johnston spoke with Dr. McGuire, stating that he was going about it the wrong way and that it was hopeless to think that the two rival faculties would ever agree on the terms of the new college, but he had a solution. He called for a joint meeting of the two boards where they dismissed their faculties and together appointed a faculty for the new school, which retained the name of the Medical College of Virginia.

The following year, World War I began and the new MCV took several steps to help with the war effort. In the spring of 1917, 15 students graduated early to serve in the Naval Medical Corps. Also, in April, Dr. Stuart McGuire, who was the dean and executive officer of the College as well as Professor of Surgery, was commissioned as a major in the Army Medical Service. He quickly moved up in the ranks, becoming the Virginia member of the Council on National Defense, Director of the Base Hospital 45 organized under the Red Cross at Richmond, and advisor to the Surgeon General, U.S. Army. The following year, he delegated his responsibilities at MCV, closed Saint Luke’s Hospital, a private hospital his father had established, and took the Saint Luke’s nurses along with the personnel of Base Hospital 45 to sail to France. Established at Toul, the unit, accredited to the Medical College of Virginia, served with distinction and Dr. McGuire’s services won him a full colonelcy.
With the war pulling many of its students away, there was a need for women graduates in the Schools of Medicine, Dentistry, and Pharmacy. In November 1917, a proposal was put forth to all three schools on whether or not to admit women and was passed unanimously. The Board of Visitors and the faculty soon agreed, and the first women were enrolled in the fall of 1918. The first women graduates in the three departments were: Medicine – Innis Steinmetz, 1920 (pictured above); Dentistry – Esther Margaret Cummins, Constance O. Haller, and Tillie Lyons, 1922; Pharmacy – Margaret Ella Savage and Ruth Vincent, 1921.

Another crisis pulled more students from MCV – the influenza pandemic of 1918. This pandemic crippled every nation worldwide, killing between 20 and 40 million people. The minutes of the Board of Visitors in the fall of 1918 indicate:

Near the first of October, 1918, the influenza situation became so acute that the services of all doctors were demanded to attend the victims and a call came from the State Health Department for students of the advanced classes to assist in fighting the epidemic. It, therefore, became necessary to suspend the senior and junior classes and their services were tendered the State Health Department. They rendered valuable services in various portions of the State. For a time, the Freshman and Sophomore classes were continued, but the need for orderlies, as well as executive officers, in the John Marshall High School Emergency Hospital rendered it necessary that both the teachers and students of the second class be released. The Freshman class was continued throughout. The College was practically in suspension for twenty days and the session has accordingly had to be lengthened to that extent.

The following year, MCV faced yet another obstacle. After being reviewed by the AMA’s Council on Medical Education and Hospitals, MCV’s Class A accreditation was almost taken away. The report was extremely harsh on MCV, stating:

Because of its inadequate supervision of preliminary credentials; because of its almost total lack of qualified, full-time salaried teachers; because of the confusion resulting from crowding together classes of medical, dentistry, and pharmacy students; because of the poorly arranged laboratories; because of its total lack of constructive research; because of its failure to obtain adequate post-mortem facilities; because of its poorly developed library and museum; because of its lack of adequate supervision; because of the lack of adequate organization of its faculty and because of failure to use to even a moderate degree the clinical facilities available, this college does not belong and should not be retained among acceptable medical schools.

Despite this blistering report, MCV’s Class A rating was not taken away, instead, it was warned that unless the college had evidence of “a thorough reformation before the classification of medical schools...in the spring of 1921, the Medical College will not be placed in Class A.” Dr. Stuart McGuire was president at that time, and he took the necessary steps towards improving MCV. He sought to acquire new faculty and to improve the current teaching staff as well as the curriculum for all the schools. During the next two years, he boasted of having almost 100% of graduates from all schools passing their state boards. In 1921, MCV’s Class A rating was not taken away, but they were still under close scrutiny, and in 1935 MCV was officially placed on confidential, conditional probation, which wasn’t removed until 1953.

With Dr. McGuire as president, MCV began to grow in many directions. The faculty grew with the addition of many full-time basic science faculty, and the campus grew as well. In 1920, MCV opened St. Philip Hospital – the first hospital exclusively for black patients. Before this, they were cared for in the basement of Memorial Hospital. Within St. Philip Hospital, another School of Nursing was established, but this one was for black nurses. Also in 1920, the Dooley Hospital was donated by Major James H. Dooley. It was built for patients with contagious diseases, but was first used for white orthopedic and then white pediatric cases. With all of his responsibilities – maintaining a surgical practice, administering the clinics and hospitals, directing the MCV surgery department, and serving as MCV president – Dr. McGuire decided to relinquish his presidency in hopes of better serving MCV by focusing his attention on fewer things. His vision led to the selection of MCV’s next president – Dr. William T. Sanger.

The Sanger Era

It was difficult to attract people to the presidency of a school that was tottering on the brink of bankruptcy and was facing the threat of having its Class A rating removed. While several eminent educators turned down the position, Dr. William T. Sanger, secretary of the State Board of Education, accepted the position and became MCV’s third president on July 1, 1925. In his earlier days as a student, Dr. Sanger received his Ph.D. in psychology in 1915, although he aspired to obtain a degree in the basic medical sciences in order to go into clinical medicine. Although not aware of all the problems that plagued MCV when he took office, Dr. Sanger immediately set things in motion, bringing about the greatest change at MCV during his presidency than anyone before him.

One of the first changes Dr. Sanger made was to put the nursing program on an equal level as the Schools of Medicine, Dentistry, and Pharmacy. The School of Nursing had its first dean, Elizabeth C. Reitz, appointed in 1925. Two years later, MCV was distinguished as being “one of the few Class A schools of nursing.”

Dr. Sanger appointed the first full-time, salaried heads of the departments of medicine, surgery, and pediatrics. In 1926, Dr. William B. Porter, MCV class of 1911, became the first full-time Chairman of Medicine. He was praised by students and colleagues alike, and the Virginia Medical Monthly described him as “a
Dr. William B. Porter  
Dr. Isaac A. Bigger  
Dr. Lee E. Sutton

superb diagnostician and a wonderful teacher.” Dr. Isaac A. Bigger joined the faculty in 1930 as the Chair of Surgery and Surgeon-in-Chief. At the age of thirty, he was the youngest Professor of Surgery in the United States and considered a pioneer in thoracic surgery, serving as president of the American Association for Thoracic Surgery. During this time, he was very involved in several national organizations such as the Southern Society of Clinical Surgeons. He became president of the Southern Surgical Association, precursor of the American College of Surgeons. His influence led to the creation of the Society for Vascular Surgery, of which he was vice president, and the Virginia Surgical Society. Dr. Lee E. Sutton, Jr. joined the MCV faculty as Associate in Pediatrics in 1928. Four years later, he became dean of the medical school, and ten years following that he was appointed Chairman of Pediatrics.

To help with the financial problems, Dr. Sanger approached the Governor regarding whether or not MCV was a state institution. The Governor said that while MCV received state funds, it was not a state institution in the fullest sense. Sanger, however, disagreed and provided evidence that the Virginia Supreme Court of Appeals had said that MCV was indeed a state institution in 1882. This information made it possible for the college administration to argue successfully for larger state appropriations. He was also able to acquire many funds from alumni, friends, and former patients and through various fundraisers, he was able to raise enough money to add several new buildings to the campus as well as renovate some of the older ones.

One of the first additions was a new dormitory for nurses, constructed in 1928 and named for Sadie H. Cabaniss. The following year the Medical College Library was built in conjunction with the Richmond Academy of Medicine (RAM) building. The adjoining buildings enabled MCV and RAM to function in close collaboration. In hopes of expanding MCV’s physical facilities, as had been suggested yet again by the AMA, Sanger began six projects in 1936 – a central heating plant, a modern laundry, a clinic and laboratory on the site of the old Retreat Hospital, a dormitory on Twelfth and Marshall streets, a complete greenhouse for the School of Pharmacy, and a tunnel system almost completely connecting McGuire Hall to Memorial Hospital. The dormitory, Hunton Hall (pictured on left), was completed in 1938 and was used for hospital house staff and students. It contained lounges, bedrooms, baths, reading rooms, a cafeteria, auditorium, and barber shop. The A. D. Williams Memorial Clinic (pictured on right) opened in 1938, replacing the Virginia Hospital. Also during this time, the old First Baptist Church, adjoining the college on Broad Street, was acquired for use as a student center. By 1941, the Egyptian Building and McGuire Hall had been renovated and expanded.

The largest project that Sanger took on was the building of an 18-story hospital that had the capacity for housing 600 beds. He realized that MCV needed to have an up-to-date and modern hospital if they were to ever hope of getting rid of the conditional probation. The cornerstone was laid on September 18, 1939. It contained “a white elephant with trunk upraised (a symbol of good luck); a Jefferson nickel (to insure the hospital will never ‘go broke’), and a roll book of the senior class in medicine (1940), with a photo of each student.” On December 5, 1940, Founder’s Day for the 103rd session, MCV Hospital opened.

The year before, World War II had begun with Hitler’s invasion of Poland in September 1939. Many students were being summoned to serve overseas; with 29 seniors in the medical class completing the four year ROTC training course, with 60 freshmen, 45 sophomores, and 23 juniors were behind them. A class of Naval reserve ensigns was organized – “the first ever to be commissioned in a rank below lieutenant junior grade in the history of the Medical and Dental Corps of the Navy, is another first for the Medical College,” and the origin of the Armed Forces Health Professions Scholarship Program. As done during WWI, the college wanted to organize a hospital unit for service overseas. It became a priority after the US entered the war in December 1941. General Hospital 45 had many of the same functions as Base Hospital 45 of WWI. The surgeon general praised General Hospital 45 saying:

By its valor, it won the admiration and respect of all who were entrusted to its care. The service, cooperation, and loyalty of this unit, under circumstances never before encountered in the long history of conflicts, is worthy of the highest praise, and its achievements are an inspiration to all.
Following WWII, MCV began working with Richmond Professional Institute (RPI) through President Sanger's influence. The MCV School of Therapy, established as a center for teaching and research in physical medicine, with special reference to hydrology, climatology, and spa therapy, was established as a joint effort with MCV and RPI in 1945. The school was named for Dr. Simon Baruch, an 1862 MCV alumnus, Confederate surgeon, and founder of hydrotherapy in this country. Also within the Baruch Center of Physical Medicine, coursework leading to the degree of Master of Science was offered starting in 1948. This included bacteriology, biochemistry, and pathology. The 1948-49 session was the first time that work leading to a Ph.D. in certain disciplines was offered, and by the session of 1959-60, there was a great increase in the number of graduate students working for their Ph.D.

The School of Hospital Administration was established in 1949, under the guidance of Dr. John B. Williams and Charles P. Cardwell. It was headed by Cardwell, who had a national reputation, eventually being awarded the gold medal of the American College of Hospital Administrators for his achievements. MCV awarded him an honorary degree of Doctor of Hospital Administration.

The School of Medicine had several notable faculty members and produced several noteworthy graduates during this time, many of whom made great contributions to the study and practice of medicine. One such person was Dr. Porter P. Vinson, head of bronchoscopy at MCV since 1936. At MCV, he was professor of bronchoscopy and gastroscopy and trained students in the newer field of endoscopy. He was internationally known for bronchoscopy and diseases of the chest and regarded as an expert on diseases of the esophagus. Today, an esophageal disease is named after him, the Plummer-Vinson syndrome. A famous graduate from the class of 1906, Dr. Russell Cecil, became internationally known and was cited as "undoubtedly the best-known American physician in the world." His fame came from his novel idea that old-style medical textbooks by single authors were outmoded, "since the scope of medical knowledge was far surpassing the capacity of any single individual to encompass." He began compiling chapters on the various aspects of medicine written by people considered to be experts in their field. In 1927, the first Cecil Textbook of Medicine was published, and became a standard in medical schools. By 1966, it had sold over twelve million copies in English alone, not counting the various translated versions. It is still in use today and is on its 22nd edition.

The School of Dentistry flourished under the deanship of Dr. Harry Bear. He had greatly expanded the faculty by the addition of a number of full-time teachers, and he helped establish a department of dental research. While also serving as president of the American Association of Dental Schools and the American Society of Oral Surgeons and Exodontists, he was able to increase the dental school's enrollment from 20 to 190. During his time, the Wood Memorial building was under way, though he was unable to see it to completion. The building was completed four years after his death in 1954, and the Harry Bear Museum was established within the Wood Memorial Building. Today, his descendent Dr. Harry Bear, is the Chair of the Division of Surgical Oncology.

The School of Pharmacy also expanded during this time under Dean Wortley F. Rudd, from 1920 to 1947. With a degree of Ph.G. being offered, another degree was added – Bachelor of Science in Pharmacy. The two-year course was expanded to three years in 1925 and then to four years in 1932. This expansion required the school to call upon other institutions such as the extension divisions of Virginia Polytechnic Institute and the College of William and Mary in Richmond. They provided the basic college courses such as physics, mathematics, English, and other humanities, which are now program requirements. During WWII, the relations between MCV and the other schools were ended, and part-time instructors from the University of Richmond taught the courses. With the expansion of its curriculum, the School of Pharmacy finally gained accreditation in 1939, but on the condition that certain improvements were made. Following Dean Rudd's term, Dr. Robert Blackwell Smith became Dean in 1947. He reported in 1951 that the school "has now been classified as a Class A school, as a result of the recent inspection by the accrediting group of the American Council on Pharmaceutical Education, this being the first definitive classification of this kind."

1951 also marked an important year for MCV – the year in which it admitted its first black student into its professional departments. Miss Jean L. Harris sought to enter medical school in 1950. After a unanimous vote by the executive committee of the Board of Visitors, she was admitted in 1951. The Board said that "race shall not be a consideration in the admission of students," four years before the United States Supreme Court ordered such admissions. Miss Harris graduated in 1955 and completed her internship at MCV, where she was later appointed to direct the Center of Community Health. She was noted as being very qualified and was accepted among her peers "without serious difficulties." Her success in the School of Medicine led to the enrollment of other minority students in all schools.
A University is Born

For a long time, MCV would have benefited from joining a university. The medical school had continuous problems with accreditation ever since its low marks in the Flexner Report, which was biased heavily towards university affiliated medical schools. The AMA and American Association of Medical Colleges visited MCV in 1919 and gave the medical school such low marks that it almost lost its Class A rating. Finally, in 1935, the school was placed on confidential probation that lasted until 1953. During this period the dental school also had problems with accreditation and was even ranked as Class B for a few years. These difficulties along with financial woes led many to push for a university affiliation.

University affiliation was not a new subject for MCV, which almost joined UVA a total of three times in its history, and the University of Richmond one time. Two out of the three times legislators in the General Assembly pushed for the affiliation and once the UVA Board of Visitors (BOV) and President pushed for it. In each instance MCV was only lukewarm in interest. The most likely union between the University of Richmond and MCV would have occurred; however, the Carnegie Foundation of New York resolved not to fund the union, even though both parties were sanguine to the proposal.

The impetus to found a new university in Richmond began in 1965 when the Higher Education Study Commission, headed by Senator Harry Bird, declared that Richmond needed a “bold new development, with the establishment of a major university under state control.” The Commission went on to recommend that the union of MCV and Richmond Professional Institute (RPI) would best accomplish this goal. At that time, these two schools already shared resources and even had a joint degree program.

The following year Governor Godwin appointed Edward Wayne, President of the Richmond Federal Reserve Bank, to lead a commission to implement the union of MCV & RPI. The Wayne Commission found that MCV would benefit from becoming “a part of a university of the first rank,” a sentiment felt throughout MCV and among its alumni. The MCV President during all this was Dr. R. Blackwell Smith. He followed Sanger’s tenure and was an alumnus of the MCV School of Pharmacy in 1937 as well as its dean prior to his presidency. President Smith stated that he was not aware of any disagreement as to the need for an urban university in Richmond. He added that the Medical College faculty was particularly enthusiastic about the idea.

The merger was not initially greeted with support. Many believed that joining RPI would not constitute a university of the first rank and may do more harm than good. Most did not know, however, that MCV held such a tenuous grip on accreditation. The issue was taken up by the General Assembly in 1968, but it was not acted upon without modification. Friends of MCV and alumni in the legislature were afraid of MCV losing its identity so they obtained passage of an amendment that read “the college, schools, and divisions heretofore existing as the Medical College of Virginia shall, as of July 1, 1968, be designated the Medical College of Virginia, the Health Sciences Division of the Virginia Commonwealth University.” Edward Wayne was opposed to the amendment and stated that “this amendment was intended to continue the independent status of the Medical College,” and “in effect, it delayed the hope for creation of one university for a generation.” Many at MCV would disagree with this assertion as the act clearly defines MCV as a college within VCU, allowing for the retention of a venerable and storied past. This sentiment was punctuated by the fact that at that time, MCV was becoming one of the leading medical centers in the country.

In the decades before VCU’s founding, MCV was entering into a golden era of discovery. By 1950 Dr. Everett I. Evans was making an international name for the surgery department at MCV. He is credited with forming the first civilian burn unit in the country, but more importantly, his research at MCV led to his 1952 seminal paper in Annals of Surgery entitled “Fluids and Electrolyte Requirements in Severe Burns,” which culminated in the “Evans Formula” that has been used worldwide in resuscitation of burn victims. His research made Richmond an international leader in burn treatment, a reputation that is enjoyed today. He died tragically in 1956 at age 45 and his brief contribution to medicine and MCV were memorialized by the Richmond News Leader which wrote: “His was sadly a brief candle, but gave a brilliant light while it flavored.”

Into this environment, Dr. David M. Hume of Harvard was appointed to the Chairmanship of Surgery in 1956. At the time of his appointment, faculty bristled at the idea of an outsider from Harvard taking over their department, which had been led by the Southern Dr. Isaac A. Bigger with much success. Educated at Chicago and Harvard, Hume was on the leading edge of transplant research and is credited with undertaking the first series of kidney transplants in humans during his residency at Harvard. Although a very innovative, “restless genius,” as he became known, he did shake up the power structure at MCV because he was oblivious to the politics and the hierarchy at MCV Hospitals. The benefit of his style soon became apparent with his ability to change MCV into the nationally known institution and one that was affectionately known as the “Miracle College of Virginia.”

Hume made MCV’s transplant program the largest and oldest on the east coast. It was only rivaled by Stanford in the West. Patients would come from all around the country and world to be treated by the team of experts Hume assembled. He first recruited Dr. Richard R. Lower from Stanford’s nascent cardiac transplant program. Magna cum laude from Amherst and later medical school at Cornell, Dr. Lower finished his surgical
training at Stanford. It was there that he attracted media attention for performing a heart transplant on a dog with Dr. Norman Shumway. After joining MCV, Lower pursued his research into heart transplantation and trained a surgical fellow from South Africa named Dr. Christian Barnard on his proposed technique. Dr. Barnard, as will be shown, went on to perform the first heart transplant in the world. That said, Dr. Lower did not go unrecognized, for he was the first American surgeon awarded the Ernst-Jung-Preis Für Medizin honor from University of Hamburg and was named president of the prestigious Halsted Society.

With heart and kidney covered, Hume recruited Dr. Hyung M. Lee, a Korean M.D. from the Seoul National University to take charge of liver transplantation at MCV. Dr. Lee turned out to play a large role in the transplant world and MCV’s Division of Transplantation is named in his and Hume’s honor. He developed a novel drug to suppress the immune system, post transplant, called 6-mercaptopurine (6-MP). Not only did this lead to lower rates of transplant rejection, but it was found to be useful as a chemotherapeutic agent in cancer treatment. This contribution alone has saved or prolonged innumerable lives.

These golden years of progress were not without stumbling blocks. In 1968, a suit was brought against Drs. Lower, Hume, and Lee, among others, for a transplant they performed, which was brought by none other than a young Richmond attorney named Douglas Wilder. Wilder went on to become the first black Governor of Virginia and finally the Mayor of Richmond. Luckily, the court ruled in favor of the doctors and no damages were assessed. However, the case did not come without cost for during 1968 until 1972, a court ordered moratorium was placed on transplants while the case was decided. It was during this time that Lower’s former fellow, Dr. Christian Barnard, completed the first heart transplant. If Wilder had not sued, MCV might have worn the honor of the first heart transplant. All this did not come without benefit, because this case set the legal precedent for criteria of organ harvest & donation nation-wide. As Bernard Shaw wrote, “today’s heresies are tomorrow’s truths,” can truly be applied to this situation.

Less than a year later in May 1973, Dr. Hume met his untimely death when he crashed his private airplane into a mountain due to foggy conditions. This occurred even after he was advised against flying into the bad weather. In his biography, Dr. Francis D. Moore writes of the Nobel Prize for kidney transplantation work received by his colleague, Dr. Joseph E. Murray: “Had John Merrill and David Hume been living in 1990, it is a fair guess that they would have shared the Nobel award with Joseph Murray.”

Following the death of David Hume, Chair of Surgery was successfully filled by Dr. Lazar J. Greenfield, who came from Oklahoma, where he devised the widely used vena cava filter, the Greenfield Filter, for prevention of pulmonary emboli. Greenfield alleviated much of the unhappiness at MCV while keeping the Department of Surgery in a strong position. He is also credited for an excellent and widely used textbook in surgery. In 1986 Dr. Greenfield left MCV to take the Chairmanship of Surgery at the University of Michigan.

Although MCV’s national acclaim began before the formation of VCU, it grew during VCU’s first fifteen years. The Health Sciences Division began realizing the many benefits of affiliating with VCU. Still unknown to most faculty and students, the Medical College ceased to have any problems with national accreditation because of the new university affiliation. Additionally, under VCU’s stewardship, MCV became a national leader for lifesaving treatment. MCV was one of the few medical centers in the U.S. with an active combined program in heart, liver, kidney, and cornea transplantation. Indeed during the 1970’s MCV was second only to Stanford in number of heart transplants worldwide. All the firsts of transplantation in the South occurred at MCV, and patients would fly from around the world for treatment. The Health Sciences Division could not have enjoyed this esteem without its affiliation with VCU.

While the Health Sciences Division benefited from incorporation into VCU, it still sought to maintain a distinct identity. Immediately upon its formation, VCU changed the diplomas of graduates from MCV to read VCU only and not MCV. This outraged graduating students and alumni to such a degree that the administration actually gave out two diplomas per candidate for the year of 1969, one that read VCU MCV and the other that only read VCU. This behavior is uncommonly seen among institutions of higher learning.

In 1970, the General Assembly reflected the sentiment of students and faculty when it passed House Joint Resolution No. 73 stating that “the Board of Visitors of the Virginia Commonwealth University be requested to take the necessary action to maintain the identity of the Medical College of Virginia as an individual college, existing within the administrative framework of the University; and be it further resolved that the board be requested to confer diplomas that are in keeping with those heretofore conferred by the Medical College.”

Capital growth during these golden years was much needed. In 1969, the School of Allied Health Professions was created from the former School of Hospital Administration, which was championed by its new Dean Thomas C. Barker. He went on to national preeminence by becoming the president of the American Society of Allied Health Professions. Since then several divisions within that school have been established, such as physical therapy, occupational therapy, health administration, & nurse anesthesia. They have become nationally recognized, with physical therapy
being internationally known. Susanne B. Hirt, now emeritus professor, did much to increase the standing of MCV Physical Therapy, which she headed for thirty years. She was the recipient of every major accolade and award of her profession. The graduate program in nurse anesthesia was the first of its kind in the world. It is regularly ranked number one in its field. All of these departments within the School of Allied Health Professions provide a vital role within this state and beyond by producing much needed allied health professionals.

The School of Dentistry became internationally known during the tenure of Dr. Harry Lyons as the Dean from 1951-1970. Arguably the most famous dentist from Virginia, Dr. Lyons was the recipient of the highest award in dentistry, the Distinguished Service Award from the American Dental Association (ADA). The rest of his awards and honorary degrees are too numerous to name. He is the only Virginian elected president of the Virginia Dental Association, American Dental Association, the American Association of Dental Schools, the American Academy of Periodontology, and the American College of Dentists, as well as being one of only five people to have served in all those capacities in the U.S. He also served four terms as Speaker of the House of Delegates of the ADA and was named the outstanding alumnus of MCV in 1985. The main School of Dentistry building is named in his honor.

The MCV School of Dentistry is often referred to as the “Mother of Deans,” because more than twelve faculty or alumni have become deans or higher in universities since 1960. MCV’s influence on dental education does not stop there. In 1991 Dean Lindsay Hunt guided dental students & faculty to create their own professional oath similar to the Hippocratic one:

I (name of dentist), as a member of the dental profession, shall keep this pledge and these stipulations:
I understand and accept that my primary responsibility is to my patients, and I shall dedicate myself to render, to the best of my ability, the highest standard of oral health care and to maintain a relationship of respect and confidence. Therefore, let all come to me safe in the knowledge that their total health and well-being are my first considerations.
I shall accept the responsibility that, as a professional, my competence rests on continuing the attainment of knowledge and skill in the arts and sciences of dentistry.
I acknowledge my obligation to support and sustain the honor and integrity of the profession and to conduct myself to the betterment of my community for the benefit of all society.
I shall faithfully observe the Principles of Ethics and Code of Professional Conduct set forth by the profession.
All this I pledge with pride in my commitment to the profession and the public it serves.

This oath has now been adopted nationally by the American Dental Association for all dentists to swear by.

**Famous Alumni and Marked Expansion**

One of the great triumphs of the Medical College’s history is when the medicine alumnus from the class of 1945 Dr. Baruj Benacerraf was awarded the Nobel Prize in Medicine and Physiology in 1980. Chairman of the pathology department at Harvard, his award was made for “discoveries on how genetically determined cell structures determine whether a person successfully combats cancer and other diseases.” His research translated into conclusive proof of B and T Cell function, an understanding of which is considered commonplace in medicine today.

Dr. Benacerraf was born in Venezuela of a Moroccan father and an Algerian mother. In the early 1940’s he applied to twenty-five medical schools and was turned down by all except MCV, probably because of his Jewish, North African background. At MCV, Benacerraf was “close to the top of his class academically,” and his classmates remembered him as “a brilliant and likable person.” Following graduation, he joined the Army Medical Corps and finally went on to begin a career of research at Harvard. He is probably the greatest contributor to medical knowledge MCV has ever produced.

Only one other MCV alumnus rivals the accomplishments of Dr. Benacerraf. Dr. Saul Krugman, alumnus in medicine in 1939, was honored with the Albert Lasker Public Service Award in 1983 for his studies in hepatitis, rubella, and measles, which culminated in the hepatitis B vaccine, now used around the world. The Lasker award is considered the American equivalent of the Nobel Prize and is second to none in the U.S. Now a professor of pediatrics at NYU, Krugman also discovered that children could be protected from measles by means of vaccine, and in 1969 proved a similar effect with rubella. Rubella has been practically wiped out in this country because of his research. Forty-eight percent of Lasker recipients go on to receive the Nobel Prize, and it will be no surprise if Dr. Krugman goes on to win that honor.

Another famous alumnus from MCV is Hunter “Patch” Adams. His biography at MCV was immortalized by the movie *Patch Adams* where he was portrayed by Robin Williams. His dissident views brought him into conflict with members of the faculty and student body. Nonetheless, he went on to attain his degree in 1971 and founded the Gesundheit Institute in West Virginia to pursue his style of medical treatment.

Arguably, the VCU president with the most influence over the VCU Health Sciences Division before President Trani’s tenure was Dr. Edward Ackell. Holding both an M.D. and D.M.D. from Case-Western and Tufts, respectively, he was particularly apt to dealing with the Medical College and its issues. Under his stewardship, 1982 saw the erection of a new 539 bed hospital, Main Hospital, which was a much needed boost to move beyond
the outmoded West Hospital of Sanger’s era. 1983 saw the addition of the Massey Cancer Center, by donation from the Richmond Massey family, which formed the nucleus of what would later become the only National Cancer Institute designated cancer center in the Commonwealth of Virginia. Parallel to these developments, the Veterans Affairs Administration decided to build an 814 bed hospital that would be affiliated with MCV. The VA Hospital was named in honor of MCV’s very own, Dr. Hunter H. McGuire, who was its longtime surgical chief. Finally, he united the MCV Alumni Association and the VCU Alumni Association for mutual benefit. These years punctuate the expansion of what makes the collection of MCV Hospitals the largest regional medical center, and fourth largest in the country.

The Massey Cancer Center’s first director was Dr. Walter Lawrence, Jr., chairman and founder of the Division of Surgical Oncology, which was the first of its kind in the nation. Dr. Lawrence is a nationally known authority on cancer and was former president of the American Cancer Society and former chair of the American College of Surgeons Commission on Cancer. Many consider him the father of surgical oncology and he continues to teach today as professor emeritus in the Department of Surgery.

MCV Enters a New Era

The late eighties and nineties continued to produce luminaries at MCV. The Department of Internal Medicine gained a rising star when Dr. Richard “Dick” Wenzel was appointed its chair in 1995. Dr. Wenzel had a long and distinguished career in epidemiology and infection control. Serving in the U.S. Navy, he was distinguished as the Chair of Virology for Navy research programs and then went on to faculty appointments at Iowa and UVA. He is the author of over 450 publications, the editor of five textbooks and the lead editor of A Guide for Infection Control in the Hospital. For many years, a member of the editorial board of The New England Journal of Medicine, and the journal’s first Editor-at-Large, he is a nationally known expert and attracts faculty and residents of the finest quality to MCV.

In the late nineties, MCV, once again, led the way in transplantation discovery. A team of transplant surgeons composed of Drs. Amadeo Marcos, Robert Fisher, and Marc Posner performed the first series of living-donor liver transplants in the world. Since that time, Dr. Marcos has gone on to chair the University of Pittsburgh Division of Transplantation and perform over 150 of this type to date. Drs. Fisher and Posner continue this operation at MCV which has the potential to save the lives of thousands of people on donor lists awaiting livers. These clinicians carry on the vision of discovery espoused at MCV since Hume came in the fifties.

Faculty members in the Departments of Family Practice and Psychiatry have distinguished themselves nationally. Most notably Drs. Steven Woolf & Kenneth Kendler, who hold appointments in these respective departments, were recently elected to the American Academy of Arts and Sciences Institute of Medicine (IOM), which is one of the most prestigious and selective medical organizations in the country. It has less than five hundred members drawn from leaders in the medical field and it regularly advises the U.S. Government & Health Professions about medical issues. Drs. Woolf & Kendler were elected to the IOM because of their significant contributions to the fields of public health and family medicine.

In 1990, Eugene P. Trani was appointed as VCU’s fourth president. With a Ph.D. in history, he has brought a new vision and tremendous change to the University. Following President Ackell’s example, he has developed much of the infrastructure at the MCV Campus, leading to numerous new buildings and plans for more. The effects of his leadership are visible to any visitor to MCV that has not been there since 2000.

One of the ongoing changes on the MCV Campus deals with its name. From starting as the Medical Department of Hampden Sydney College to the Medical College of Virginia to the Medical College of Virginia, Health Sciences Division of Virginia Commonwealth University to Virginia Commonwealth University, the MCV Campus has undergone a slow but continuous name change. Examples of the more recent name changes began with changes of signs on buildings. A prime example is that Sanger Hall used to display the name MCV-VCU at the top of the building, but it was changed to display Virginia Commonwealth University. Other changes like this began happening around the campus where signs that displayed Medical College of Virginia were either covered up or replaced with signs that read VCU.

Changes were not limited to signs. In 2000, MCV alumni, for the second time in VCU’s history, received two diplomas following graduation. The new diploma, which displeased some students, offered the addition of “Campus” to Medical College of Virginia on the diploma as well as the removal of the MCV seal. Even though the General Assembly, almost thirty years before, wrote a resolution dealing with this very issue, it is unlikely that any
students knew about it. Although many students disliked the change, very few believed they could do anything about it.

With so much history and pride tied to the MCV name, there are many who hold strong feelings about the name change, but there have been many positive results of identifying MCV as VCU. For many years, VCU has had many problems with being recognized for MCV’s achievements, and further, these achievements are sometimes espoused to UVA by virtue of MCV’s confusing affiliation with VCU. There is a long history of some at MCV looking down upon its affiliation with VCU, an unfortunate prejudice because VCU has a bright future. In the VCU 2020 Plan, VCU has planned to transform itself into one of the finest urban universities in the country. Part of that plan is centralizing MCV under VCU’s stewardship and also presenting itself as a unified university.

The VCU 2020 Plan is the strategic plan for the growth of the University, focusing mostly on the University’s two main Campuses: the Monroe Park Campus along with the substantial initiative of the Monroe Park Campus Addition; and the MCV Campus, including the integrated current master site plan and development initiatives of the VCU Health System and the Virginia Biotechnology Research Park. For the MCV Campus, the VCU 2020 Plan is centered on renovating and improving academic and research facilities and redeveloping and expanding the clinical facilities serving the VCU Health System. While there are currently renovations on-going within several facilities, the MCV Campus has also broken ground on several new buildings and has developed plans for many others, all to add new academic and clinical space. As the second part of a planned three-phase expansion of state-of-the-art academic research space, Medical Sciences Building II will be built on the site of the existing School of Nursing as construction for a new School of Nursing has already begun. The largest project in the Plan is the replacement of the existing West Hospital and A.D. Williams Clinic buildings with a landmark School of Medicine facility—a multi-purpose campus center with academic spaces, offices, research labs, student services and support areas, and parking. Other new developments include additional research space, more parking facilities, student housing, and a new student center. Pictured below is the future layout of the MCV Campus based on the VCU 2020 Plan.

Also during President Trani’s tenure, the University facilitated the creation of the Virginia Biotechnology Research Park, which, among other things, facilitates the development of partnerships between faculty and high-tech research firms. This venture will provide vital economic stimulus for the region. In 2002, the Gateway Building, the new frontispiece of MCV Hospitals, was completed. This year the Medical Center broke ground for a new critical care hospital and completed the new Massey Cancer Center, among other things. These are truly great contributions which will put MCV on par with any medical center.

Needless to say, the Health Sciences Division of VCU has been through many changes throughout its 168 years. As MCV and VCU move toward the vision of becoming the urban university that it aspires to be, changes are inevitable and will continue to occur, but whether or not the historical aspects will be remembered, such as MCV’s name, depends on the actions of its administration, students and alumni. What is certain, however, is that Richmond holds a special place in healthcare history—from Brown-Séquard to Benacerraf—MCV and now VCU and will continue to generate leaders in the health professions.
The photos above were taken one hundred forty years apart. From a standing point in Church Hill, both capture the same view of the MCV campus and demonstrate its growth as well as its integral position in downtown Richmond. In its one hundred sixty-eight year history, MCV has expanded from one building to over sixty, from one hospital serving the Richmond community to a dozen local and satellite hospitals serving the mid-Atlantic region, from its initial faculty of seven to hundreds, from the first 46 students enrolled to over 4,000, from one curriculum of medicine to over twenty programs encompassing the health sciences, and it continues to grow and develop. The history of the Medical College of Virginia holds volumes of pioneers in every field, of cures sought and discovered, of caregivers to the infirm, and of students inspired into greatness. Every day, the great scientists, healers and teachers of this institution are building upon a long history of advancements made by their forefathers at MCV.
Jerome Strauss, M.D. Ph.D.
Dean
School of Medicine

Ronald Hunt, D.D.S.
Dean
School of Dentistry

Victor Yanchick, Ph.D.
Dean
School of Pharmacy

Nancy Langston, Ph.D.
Dean
School of Nursing

Cecil Drain, Ph.D.
Dean
School of Allied Health Professions

Geoffrey Young, Ph.D.
Associate Dean
MCV Campus

James Messmer, M.D.
Associate Dean
School of Medicine

Issac Wood, M.D.
Associate Dean
School of Medicine

Betsy Hagan, D.D.S.
Associate Dean
School of Dentistry

Thomas Reinders, Pharm.D.
Associate Dean
School of Pharmacy

Alexander Tartaglia, D.Min.
Associate Dean
School of Allied Health
Our Beloved Professors: Featured below are the professors voted most memorable by the students

Walter Lawrence, Jr. M.D.  
Department of Surgery

J. R. Lance, D.D.S.  
Department of Endodontics

Mary Grap, Ph.D. RN ACNP  
Department of Adult Health Nursing
Steven Woolf, M.D. M.P.H.  
Department of Family Medicine

Joann Bodurtha, M.D. M.P.H.  
Department of Human Genetics

Linda Corey, Ph.D.  
Department of Human Genetics

Lindon Eaves, Ph.D.  
Department of Human Genetics

Walter Nance, M.D. Ph.D.  
Department of Human Genetics

Peter O'Connell, Ph.D.  
Department of Human Genetics

Jolene Windle, Ph.D.  
Department of Human Genetics

Peter Boling, M.D.  
Department of Internal Medicine

Lenore Buckley, M.D.  
Department of Internal Medicine

John Clore, M.D.  
Department of Internal Medicine

Michael Cowley, M.D.  
Department of Internal Medicine

Robert Downs, M.D.  
Department of Internal Medicine

Michael Edmonds, M.D. M.P.H. M.P.A.  
Department of Internal Medicine

Kenneth Ellenbogen, M.D.  
Department of Internal Medicine

Alpha Fowler, M.D.  
Department of Internal Medicine

Todd Gehr, M.D.  
Department of Internal Medicine

Gordon Ginder, M.D.  
Department of Internal Medicine

Steven Grant, M.D.  
Department of Internal Medicine

Steven Grant, M.D.  
Department of Internal Medicine

Michael Hess, M.D.  
Department of Internal Medicine

Bruce Hillner, M.D.  
Department of Internal Medicine

Betty Anne Johnson, M.D. Ph.D.  
Department of Internal Medicine

Anne King, M.D.  
Department of Internal Medicine

Donald Kirby, M.D.  
Department of Internal Medicine

John Kuenmerle, M.D.  
Department of Internal Medicine

Rakesh Kukreja, Ph.D.  
Department of Internal Medicine

Velimir Luketic, M.D.  
Department of Internal Medicine

John Nestler, M.D.  
Department of Internal Medicine

John Roberts, M.D.  
Department of Internal Medicine

Arun Sanyal, M.D.  
Department of Internal Medicine

Lawrence Schwartz, M.D.  
Department of Internal Medicine

Curtis Sessler, M.D.  
Department of Internal Medicine

Mitchell Shiffman, M.D.  
Department of Internal Medicine

Domenic Sica, M.D.  
Department of Internal Medicine

Thomas Smith, M.D.  
Department of Internal Medicine

George Vetrovec, M.D.  
Department of Internal Medicine

Christopher Wise, M.D.  
Department of Internal Medicine

Mark Allen Wood, M.D.  
Department of Internal Medicine

A. M. Zfass, M.D.  
Department of Internal Medicine

Gregory Back, Ph.D.  
Department of Microbiology and Immunology

Francine Cabral, Ph.D.  
Department of Microbiology and Immunology

Guy Cabral, Ph.D.  
Department of Microbiology and Immunology

Gail Ellen Christie, Ph.D.  
Department of Microbiology and Immunology

Daniel Conrad, Ph.D.  
Department of Microbiology and Immunology

Walter Holmes, Ph.D.  
Department of Microbiology and Immunology

Hsiu-Sheng Hsu, Ph.D.  
Department of Microbiology and Immunology

Our Beloved Professors:

Linda Costanza, Ph.D.  
Department of Physiology

Robert Diegelmann, Ph.D.  
Department of Biochemistry

Stephen Gudas, PhD  
Department of Anatomy and Neurobiology
Brian Kaplan, M.D.
Department of Surgery

Johnathan Ben-Ezra, M.D.
Department of Pathology

George Leichnetz, Ph.D.
Department of Anatomy and Neurobiology
Richard Brookman, M.D.  
Department of Pediatrics  

Gary Francis, M.D. Ph.D.  
Department of Pediatrics  

Allan Friedman, M.D.  
Department of Pediatrics  

Kamar Godder, M.D.  
Department of Pediatrics  

Martin Graham, M.D.  
Department of Pediatrics  

Gary Gutcher, M.D.  
Department of Pediatrics  

Anne-Marie Irani, M.D.  
Department of Pediatrics  

Barry Kirkpatrick, M.D.  
Department of Pediatrics  

Joseph Laver, M.D.  
Department of Pediatrics  

William Moskowitz, M.D.  
Department of Pediatrics  

Edward Russel, M.D.  
Department of Pediatrics  

Hamid Akbarali, Ph.D.  
Department of Pharmacology and Toxicology  

Robert Balsterr, Ph.D.  
Department of Pharmacology and Toxicology  

Patrick Beardsley, Ph.D.  
Department of Pharmacology and Toxicology  

William Dewey, Ph.D.  
Department of Pharmacology and Toxicology  

David Gewirtz, Ph.D.  
Department of Pharmacology and Toxicology  

Pin-Lan Li, Ph.D.  
Department of Pharmacology and Toxicology  

Billy Martin, Ph.D  
Department of Pharmacology and Toxicology  

Michael Miles, M.D. Ph.D.  
Department of Pharmacology and Toxicology  

Richard Moran, Ph.D.  
Department of Pharmacology and Toxicology  

Lawrence Povirk, Ph.D.  
Department of Pharmacology and Toxicology  

Susan Robinson, Ph.D.  
Department of Pharmacology and Toxicology  

Leslie Satin, Ph.D.  
Department of Pharmacology and Toxicology  

Stephen Sawyer, Ph.D.  
Department of Pharmacology and Toxicology  

S. P. Welch, Ph.D.  
Department of Pharmacology and Toxicology  

Kimber White, Ph.D.  
Department of Pharmacology and Toxicology  

David Cifu, M.D.  
Department of Physical Medicine and Rehabilitation  

Jeffery Kreutzer, Ph.D.  
Department of Physical Medicine and Rehabilitation  

William McKinley, M.D.  
Department of Physical Medicine and Rehabilitation  

Paul Wehman, Ph.D.  
Department of Physical Medicine and Rehabilitation  

Clive Baumgarten, Ph.D.  
Department of Physiology  

Margaret Biber, Ph.D. D.Phil.  
Department of Physiology  

Linda Costanzo, Ph.D.  
Department of Physiology  

Richard Costanzo, Ph.D.  
Department of Physiology  

John Desimone, Ph.D.  
Department of Physiology  

Alexandre Fabiato, M.D. Ph.D.  
Department of Physiology  

Joseph Feher, Ph.D.  
Department of Physiology  

George Ford, Ph.D.  
Department of Physiology  

John Gride, Ph.D.  
Department of Physiology  

Mohammed Kalimi, Ph.D.  
Department of Physiology  

Srinivasa Karnam, Ph.D.  
Department of Physiology  

Roland Pittman, Ph.D.  
Department of Physiology  

Our Beloved Professors:  

Thomas Mayhew, Ph.D.  
Department of Physical Therapy  

Alfred Certosimo, D.D.S.  
Department of General Practice  

David Burns, D.M.D.  
Department of Prosthodontics
<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tbody>
<tr>
<td>Steven Price, Ph.D.</td>
<td>Department of Physiology</td>
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<td>Gea-Ny Tseng, Ph.D.</td>
<td>Department of Physiology</td>
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<td>Raphael Witorsch, Ph.D.</td>
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<td>Sandra Barker, Ph.D.</td>
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<td>Robert Cohen, Ph.D.</td>
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<td>Robert Hart, Ph.D.</td>
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<td>Kenneth Kendler, M.D.</td>
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<td>Susan Kornstein, M.D.</td>
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<td>Elinore McCance-Katz, M.D. Ph.D.</td>
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<td>Asha Mishra, M.D.</td>
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<td>Donald Oswald, Ph.D.</td>
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<td>Ananda Pandurangi, M.D.</td>
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<td>Roy Pickens, M.D. M.S.</td>
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<td>Joel Silverman, M.D.</td>
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<td>Aradhana Sood, M.D.</td>
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<td>Rakesh Sood, M.D.</td>
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<td>James Wade, Ph.D.</td>
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<td>Michael Hagan, M.D. Ph.D.</td>
<td>Department of Radiation Oncology</td>
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<td>Ross Mikkelsen, Ph.D.</td>
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<td>C. Kristoffer Valerie, Ph.D.</td>
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<td>Jeffrey Williamson, Ph.D.</td>
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<td>Gilda Cardenosa, M.D. M.S.</td>
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<td>Panos Fatouros, Ph.D.</td>
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<td>Ann Fulcher, M.D.</td>
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<td>Jaime Tisnado, M.D.</td>
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<td>Mary Turner, M.D.</td>
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<td>Anwar Abd-Elfattah, Ph.D.</td>
<td>Department of Surgery</td>
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<td>Charles Bagwell, M.D.</td>
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<td>Harry Bear, M.D. Ph.D.</td>
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<td>Robert Fisher, M.D.</td>
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<td>Rao Ivatury, M.D.</td>
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<td>John Kellum, M.D.</td>
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<td>Pamela Kimball, Ph.D.</td>
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<td>Hary Koo, M.D.</td>
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<td>James Maher, M.D.</td>
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<td>Martin Mangino, Ph.D.</td>
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<td>Ronald Merrell, M.D.</td>
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<td>Thomas Miller, M.D.</td>
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<td>Stuart Myers, M.D.</td>
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<td>James Neifeld, M.D.</td>
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Our Beloved Professors:

Todd Gehr, M.D.
Department of Internal Medicine

Jodi Teitelman, Ph.D.
Department of Occupational Therapy

Jack Lanier, Dr.P.H.
Department of Epidemiology and Community Health
Marc Posner, M.D.
Department of Surgery

Andrea Pozez, M.D.
Department of Surgery

**SCHOOL OF DENTISTRY**
Ronald Hunt, D.D.S.
Dean, School of Dentistry

Betsy Hagan, D.D.S. M.B.A.
Associate Dean, School of Dentistry

Ellen Byrne, R.Ph. D.D.S. Ph.D.
Assistant Dean, School of Dentistry

Harvey Schenkein, D.D.S. Ph.D.
Assistant Dean, School of Dentistry

Alfred Certosimo, D.D.S.
Department of General Practice

Debra Haselton, D.D.S.
Department of General Practice

Frederick Liewehr, D.D.S. M.S.
Department of Endodontology

James Burns, D.D.S. Ph.D.
Department of Oral Pathology

John Svrisky, D.D.S. M.Ed.
Department of Oral Pathology

Laurie Carter, D.D.S. Ph.D.
Department of Oral Pathology

Omar Abubaker, D.M.D Ph.D.
Department of Oral and Maxillofacial Surgery

James Giglio, D.M.D. M.Ed.
Department of Oral and Maxillofacial Surgery

Daniel Laskin, D.D.S. M.S.
Department of Oral and Maxillofacial Surgery

Gregory Ness, D.D.S.
Department of Oral and Maxillofacial Surgery

Robert Strauss, D.D.S.
Department of Oral and Maxillofacial Surgery

Steven Lindauer, D.M.D. M.D.Sc.
Department of Orthodontics

Bhavna Shroff, D.D.S. M.D.Sc.
Department of Orthodontics

Andrew Yeudall, B.D.S. Ph.D.
Department of Oral and Craniofacial Molecular Biology and Microbiology and Immunology

John Unkel, D.D.S. M.P.A.
Department of Pediatric Dentistry

Thomas Koertge, D.D.S. Ph.D.
Department of Periodontics

Thomas Waldrop, D.D.S. M.S.
Department of Periodontics

David Burns, D.M.D.
Department of Prosthodontics

John Unger, D.D.S.
Department of Prosthodontics

Kim Isringhausen, R.D.H. M.P.H.
Department of Dental Hygiene

**SCHOOL OF PHARMACY**
Victor Yanchick, Ph.D.
Dean, School of Pharmacy

F. Douglas Boudinot, Ph.D.
Dean, VCU Graduate Studies
Department of Pharmaceutics

William Smith, Pharm.D. Ph.D. M.P.H
Executive Associate Dean,
School of Pharmacy

Thomas Reinders, Pharm.D.
Associate Dean, School of Pharmacy

Gary Matzke, Pharm.D.
Associate Dean, School of Pharmacy

Peter Byron, Ph.D.
Department of Pharmaceutics

William Barr, Ph.D.
Department of Pharmacy

Norman Carroll, Ph.D.
Department of Pharmacy

Jeffrey Delafuente, M.S.
Department of Pharmacy

William Garnett, Pharm.D.
Department of Pharmacy

Ronald Polk, Pharm.D.
Department of Pharmacy

Donald Abraham, Ph.D.
Department of Medicinal Chemistry

Richard Glennon, Ph.D.
Department of Medicinal Chemistry

William Soine, Ph.D.
Department of Medicinal Chemistry

**SCHOOL OF NURSING**
Nancy Langston, Ph.D. RN
Dean, School of Nursing

Janet Younger, Ph.D. RN CPNP
Associate Dean, School of Nursing

Anthony DeLellis, Ed.D.
Assistant Dean, School of Nursing

Mary Grap, Ph.D. RN ACNP
Department of Adult Health Nursing

Dorothy Gray, Ph.D. RN
Department of Adult Health Nursing

---

**Our Beloved Professors:**

- Mary Shall, Ph.D.
  Department of Physical Therapy

- Robert Kravetz, M.D.
  Department of Anesthesiology

- Jean-Venable Goode, Pharm.D.
  Department of Pharmacy

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42 Faculty and Administration
Our Beloved Professors:

Gilbert Button, D.D.S.
Department of General Practice

Tony Gentry, Ph.D.
Department of Occupational Therapy

J. Ross McClung, Ph.D.
Department of Anatomy and Neurobiology
M. C. V.
College Song of the Medical College of Virginia

Down in old Virginia, where Richmond leads serene, our alma mater M.C.V. is crowned the busy scene.

Down in old Virginia, where friendship's constant and all we've learned draws as to you, to dear old M.C.V.

Down in old Virginia, so rich in bounty, is our alma mater adds her fame. God bless our M.C.V.

Down in old Virginia, where life's ascent is ever bright, students, proofs and all, three cheers for M.C.V.

Words and Music by
W. Bentzinger, M.D., Class of 1904
To My Fellow Students,

In this last season of medical school, I cannot help but borrow from a well-worn cliché to reference the pace and perceived duration of our medical school years. It seems like it was only yesterday that we stood with new classmates, perched tentatively in the courtyard of our Egyptian Building, amidst the admiration and well-wishes of our loved ones on White Coat Day.

In a few short weeks, we will rejoin family and friends to celebrate the milestone of completing this initial phase in our medical education. Through late nights spent at the anatomy lab and frantic board reviews at the library, overseas medical missions and sleepless call duty: our introduction to medicine challenged us, but it was the people that nourished us.

During his prolific career as a writer, educator, and pioneer of modern medicine, Sir William Osler mused that, “Nothing will sustain you more potently...than the power to recognize the true poetry of life - the poetry of the commonplace, of the ordinary man, of the plain woman”. Over the course of these four years, it was these ‘ordinary’ ties that bound us to reality and to each other. In a literal sense, one must offer congratulations to those who forged the bonds of marriage or welcomed children. In a broader interpretation, one cannot overlook the friendships and memories created in the wake of class cruises to the Bahamas, various Liver Rounds, adventures in farmland for Family Practice, shared contributions to flaming folders, role-playing with standardized patients, surviving the wrath of our favorite surgeons, house calls, commiseration over lost vehicles and natural disasters. Through it all, it is our kinship that has sustained our sanity and contributed to our years in Richmond.

As we embark on the next leg of this great journey, I would like to conclude with a final quotation from Sir Osler. “For better or worse, there are few occupations of a more satisfying character than the practice of medicine...bring to it the philosophy of honest work, the philosophy that insists that we are here, not to get all we can out of life about us, but to see how much we can add to it.” To echo that sentiment, thank you to our teachers, our patients, and our peers...for adding to our lives and inspiring us to do the same.

Best wishes to all,

Meghana Gowda
Medical Student Government President
School of Medicine, Class of 2006
Sam Campbell
Manassas, VA
James Madison University
Obstetrics and Gynecology

Mara Cappiello
Kingsport, TN
University of Virginia
Pediatrics

Evie Carchman
Richmond, VA
Virginia Tech
General Surgery

Corey Chakarun
Jacksonville, OR
Oregon Institute of Technology
Diagnostic Radiology

Loren Chen
McLean, VA
University of Virginia
Internal Medicine

Hannah Cherian
Harrisonburg, VA
Virginia Commonwealth University
Psychiatry

Stephen Chiu
Richmond, VA
Internal Medicine

Michael Chu
San Diego, CA
University of California Los Angeles
Otolaryngology

Kavitha Chun Chu
Yorktown, VA
Virginia Commonwealth University
Family Medicine

Kathryn Clark
Essex Junction, VT
James Madison University
Pediatrics

Brandon Coates
Orange, VA
Hampden Sidney College
Family Practice

Nichelle Cook
Vacaville, CA
George Washington University
Anesthesiology
Kerry Eley
Richmond, VA
Virginia Commonwealth University
Family Medicine

Andrew Farland
Wise, VA
Virginia Commonwealth University
Internal Medicine

Randy Frederick
Richmond, VA
James Madison University
Emergency Medicine

Nathan Friedline
Chesterfield, VA
Virginia Military Institute
Neurosurgery

Mehul Garala
Sterling, VA
University of Virginia
Physical Medicine and Rehabilitation

Elena Garrett
Williamsburg, VA
College of William & Mary
Emergency Medicine

Greg Gawor
Chicago, IL
Illinois Institute of Technology
Emergency Medicine

Christine Gebert
Gaithersburg, MD
Emory University
Internal Medicine

Dennis Gee
Frederick, MD
Cornell University
Psychiatry

Abram Geisendorfer
Quincy, IL
Towson University
Ophthalmology

Terral Goode
Mecklenburg, VA
Virginia Commonwealth University
Surgery

Meghana Gowda
Lakewood, NJ
Virginia Commonwealth University
Obstetrics and Gynecology
Andrew Graber
Richmond, VA
University of Richmond
Neurology

Joseph Gulino
McLean, VA
University of Virginia
Psychiatry

Jonathan Ha
Richmond, VA
Virginia Commonwealth University
Diagnostic Radiology

Asma Habib
Fairfax, VA
Virginia Commonwealth University
General Surgery

Elaine Haenebalcke
Mountain Lakes, NJ
Washington & Lee

Ashley Hall
Reston, VA
College of William & Mary
Pediatrics

Lucy Hansen
Portsmouth, VA
College of William & Mary
Pediatrics

Sarah Hanson
Roanoke, VA
George Mason University
Obstetrics and Gynecology

Amanda Harless
Radford, VA
College of William & Mary
Pediatrics

Chris Hayes
Arlington, VA
Duke University
Pediatrics

Emily Haynes
Chesapeake, VA
Virginia Tech
Family Medicine

Brian Heaps
Orem, Utah
Brigham Young University
Obstetrics and Gynecology
Josh Karp
Richmond, VA
Brandeis University
Internal Medicine

Chris Kenney
Pittsburg, PA
Washington and Jefferson College
General Surgery

Tinatin Khizanishvili
Oakton, VA
Virginia Tech
Internal Medicine

Alison Kinsler
Virginia Beach, VA
Old Dominion University
Orthopaedic Surgery

Esther Lee
Annadale, VA
University of Virginia
Internal Medicine

Brian Lingerfelt
Fairfax, VA
Furman University
Internal Medicine

Michael Lipinski
Palo Alto, CA
Stanford University
Internal Medicine

Marc Lotano
Chapel Hill, NC
Washington & Lee
Anesthesiology

Patrick Maiberger
Berryville, VA
University of Virginia
Otolaryngology

Anthony Mark
Richmond, VA
College of William & Mary
General Surgery

Daniel Mathews
Suwanee, GA
Virginia Commonwealth University
Diagnostic Radiology

Tiffany Matthews
Midlothian, VA
University of Virginia
Diagnostic Radiology

School of Medicine Class of 2006
Stephanie Mayer
Lynchburg, VA
University of Virginia
Internal Medicine

Milton Medeiros, Jr.
Memphis, TN
USP-ESALQ/Brazil
Neurology

Sarah Mehlinger
Arlington, VA
Stanford University
Pediatrics

Constantine Franz Michaelides
Ogdensburg, NY
Cornell University
Diagnostic Radiology

Pamela Mickell
Richmond, VA
Virginia Commonwealth University
Emergency Medicine

Alisha Miller
Cheriton, VA
College of William & Mary
Family Medicine

Wilford Mills IV
New Kent, VA
Virginia Commonwealth University
Emergency Medicine

Roy Miner, Jr.
Danville, VA
David Lipscomb University
Family Medicine

Elizabeth Morgan
Chesapeake, VA
Virginia Commonwealth University
Internal Medicine

Jamil Muasher
Norfolk, VA
University of Virginia
Diagnostic Radiology

Ashley Munchel
Glen Allen, VA
University of Virginia
Pediatrics

Ito Sharon Nagakawa
San Fernando Valley, CA
University of California Los Angeles
Pediatrics

54 School of Medicine Class of 2006
Mabel Obeng
Woodbridge, VA
Virginia Commonwealth University
Obstetrics and Gynecology

Tinu Oluwo
Silver Spring, MD
University of Maryland
Internal Medicine

Evan Ownby
Rolla, MO
Brigham Young University
Internal Medicine

Stephen Pallone
Manassas, VA
University of Virginia
Psychiatry/Family Practice

Biraj Patel
Arlington Heights, IL
Loyola University
Internal Medicine

Anthony Pellicane
Crozier, VA
University of Virginia
Physical Medicine and Rehabilitation

Elizabeth Perdue
Richmond, VA
Virginia Commonwealth University
Emergency Medicine

Coryell Perez
Harrisonburg, VA
Obstetrics and Gynecology

Laura Phan
Richmond, VA
Ophthalmology

Matthew Pollack
Midlothian, VA
James Madison University
Family Medicine

Gerald Lee Quirk, Jr.
Richmond, VA
University of Virginia
General Surgery

Ryan Raddin
Richmond, VA
University of Virginia
Internal Medicine
Mahesh Raju
Crystal Lake, IL
Illinois Wesleyan University
Internal Medicine

Kulsoom Razvi
Midlothian, VA
Virginia Commonwealth University
Obstetrics and Gynecology

Joseph Reses
Phoenix, AZ
University of Arizona
Anesthesiology

Lang Robertson
Richmond, VA
Davidson College
Radiation Oncology

Luke Robinson
Clintwood, VA
Carson-Newman College
Physical Medicine and Rehabilitation

Johanna Rosen
Carmel, CA
University of California San Diego
Pediatrics

Kristina Royster
Chicago, IL
Xavier University
Anesthesiology

Matthew Aaron Sachs
Virginia Beach, VA
University of Virginia
Family Medicine

Jasmine Sawhney
Rockville, MD
University of Maryland
Psychiatry

Stacie Schneider
Buttzville, NJ
Washington & Lee
General Surgery

Susan Sekel
Pittsburg, PA
Case Western Reserve
General Surgery

Anish Anilkumar Shah
Wilmington, NC
University of North Carolina at Chapel Hill
Obstetrics and Gynecology
Aaron Brondell Stike
Elkton, MD
University of Richmond
General Surgery

Susangeline Strickland
Shaker Heights, OH
Duke University
Emergency Medicine

Patrick Henry Sweet III
Alexandria, VA
University of Virginia
General Surgery

Huaefah Syed
Bowie, MD
University of Maryland, College Park
Internal Medicine

Jayant Talreja
Richmond, VA
University of Virginia
Internal Medicine

Jeffrey Tavis
Richmond, VA
University of Virginia
Internal Medicine

Tamara Thome
Gloucester, VA
University of California Santa Cruz
Pediatrics

An Tran
Union City, CA
University of California Riverside
Family Medicine

Moses Tribbey
Chesterfield, VA
Virginia Commonwealth University
General Surgery

Nadia Umar
Raleigh, NC
University of North Carolina at Chapel Hill
Internal Medicine

Amit Varma
Los Angeles, CA
Virginia Commonwealth University
Internal Medicine

Andrew Villamagna, Jr.
St. Croix, Virgin Islands
Colorado School of Mines
Family Medicine

58 School of Medicine Class of 2006
Chris Wang
Fairfax, VA
James Madison University
Emergency Medicine

Rebecca Weber
Richmond, VA
Virginia Tech
Pediatrics

Raul Weston
Salt Lake City, UT
University of Utah
Family Medicine

Rebekah White
Virginia Beach, VA
University of North Carolina at Chapel Hill
Internal Medicine

Sin-Kei Yeung
Columbia, MD
University of Maryland
Internal Medicine

Robert Young
Manassas, VA
University of Virginia
Diagnostic Radiology

Joseph Zola, Jr.
Long Valley, NJ
College of William & Mary
Urology

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Then and Now: Baruj Benacerraf

“I feel honored to be published in the X-Ray 2006. With deep affection and melancholy I have read again the X-Ray 1944 and 1945. It is sad that some of my dear friends of my class are dead, but it is the price to pay for being 85 years old. I am deeply grateful to MCV for having accepted me as a medical student when several other medical schools, such as Columbia, New York University, and Harvard did not, although these schools appointed me to their faculty, and/or bestowed on me Honorary Doctorates.

I am deeply grateful to MCV, for the wonderful education I received, which prepared me for my successful career in medicine and science. My three years at MCV were wonderful and most happy years, I got married, in my second year, and made wonderful friends at MCV. It was war time and we were inducted in the army or Navy while learning medicine and exercised on week end.”

-Baruj Benacerraf, 2005

A distinguished pathologist, Baruj Benacerraf shared the 1980 Nobel Prize in Physiology or Medicine for the discovery of the major histocompatibility complex genes which encode cell surface molecules important for the immune system’s distinction between self and non-self. Born in Caracas and reared in Paris, Benacerraf left war-torn France for New York in 1940. After completing his medical studies in 1945 at MCV, he served in the United States Army. Deciding to pursue a career in research upon his discharge in 1947, Benacerraf studied immunology in both France and the United States, working with many leaders in the field before accepting the chairmanship of Harvard Medical School’s pathology department in 1970. Currently president emeritus of the Dana-Farber Cancer Institute, Benacerraf is a fellow of the American Academy of Arts and Sciences and the National Academy of Science, and has received several major awards for his work in addition to the Nobel.
Cassie Aboy
Aryan Aghevli
Ezinne Akamiro
Valerie Allen
Nabil Altememi
Don Arthur

John Au
Jemilat Badamas
Sonia Bahiani
Anmoldeep Bajaj
Stephen Bakos
Kimberly Ball

Aman Banerjee
Joshua Belcher
Stuart Bertsch
Tasneem Bholat
Sonya Bhole
Jacob Boone

Lesli Brown
Niambi Brown
Jennifer Buckley
Joshua Butler
Michael Byrne
Jessica Caldwell

Marc Caligtan
Stephanie Chao
Carey Compton
Erin Davis
Philip DeWitt
Aditi Dhakar
Then and Now: Patch Adams

“I feel a kinship with the medical students who enter medicine now, who also have a social conscience. We both suffered under lying governments who put us into wars with hidden (or not so hidden) agendas. Is war a disease? Is poverty a disease? Who benefits from them? What is the doctor’s ethical role? How do we hear the language that justifies the richest country in the world denying care to 45 million people? Is Bill Frist our model of a doctor to aspire to? Is compassion still not taught in medical school? My life at MCV was both the thrill of becoming a healer and loving it and the nightmare that there was very little health or care in the delivery system. So I speak to the students who live to serve peace, justice, and care for all people. Protect your integrity, you can do medicine exactly as you desire. The world needs you!”
-Patch Adams, 2005

Above: A senior class portrait of Hunter "Patch" Adams, MCV School of Medicine Class of 1971.

Left: Patch Adams, at a Kosovo Refugee Camp in May 1999, using laughter as part of his treatment regimen.

Hunter "Patch" Adams, convinced of the powerful connection between environment and wellness, graduated from MCV in 1971. A year later, he and several of his friends created the Gesundheit! Institute, which ran as a free community hospital in the DC area for 12 years before it was relocated to West Virginia.

Today, Patch Adams, not only a medical doctor but also a social activist, continues his devotion to improving the healthcare system while integrating laughter, joy, and creativity into his treatment plan for patients worldwide.
A Letter from the Senior Class President:

To the Graduating Dental Class of 2006:

The thought of spending almost a decade in school is enough to frighten the most astute and committed student. However, those that chose dentistry not only dedicated themselves to not the time commitment, but subjected themselves to the intense, detailed, and sometimes unforgiving curriculum at the VCU School of Dentistry.

For the first two years of dental school, the Class of 2006 sat, or for some, slept through hours of lectures on the medical and dental sciences in the darkly lit classrooms on the 4th floor of the Lyons building. Nobody can forget the lectures by the notable and revered Dr. Moon and his classic overhead projections that are still in vogue. When I asked one of my classmates about what courses he remembers as “difficult” to get through, he thought for a moment and replied, “all of them” (Ryan Jones). I especially remember the inanity of dental anatomy (remember the videos) and the first time I carved a wax tooth that resembled a deformed figurine rather than a maxillary central incisor. While I can’t dispute that most courses ranging from biochemistry to the class on complete dentures at 8am on Monday morning (attendance required) were torturous to get through, there were highlights. Everybody can recall the eccentric and often schizophrenic tendencies of Dr. Strauss whom we all suspected of a Sevoflatran addiction or the day of reckoning when we all had to receive a mandibular injection with a 27 gauge long needle by a classmate with Parkinsonian tendencies, notably Kevin Hardy. The preclinical years were marked by ups and downs and most of the ups were simply good times with good friends.

When we transitioned into clinic the summer before our 3rd year, everybody was abuzz with the new requirements posted and the stress of managing a pool of patients. Each of us had at least one patient ask us that summer, “Is this your first time doing this?” Instantly, we switched from thinking like a dentist to thinking like a lawyer when we responded, “of course not, I have done this many times.” We would just delete the end of the sentence that read, “just not on a patient.” After all, Dr. Hagan did teach us the concept of veracity in our ethics course that summer.

The class of 2006 is one of determination, over-achievement, justice, and good humor. Each of us see our education in a unique manner with enough personal stories to create a textbook that would rival the Star Wars Trilogy. But when the last patient left, we knew how to have a good time. The class socials, happy hours, and kick-off days all enabled us to enjoy each other’s company and create friendships rather than collegial associations. We all partnered to get through dental school and I hope we remain connected for the length of our careers. Congratulations D2006.

–Scott T. Henson Dentistry ’06
Fawaz Al-Foraih  
Kuwait  
Virginia Commonwealth University  
Private Practice

Bradford Allen  
Fairfax, VA  
George Mason University  
General Dentistry-USA

Yahya Al-Yahya  
Mishref, Kuwait  
Virginia Commonwealth University  
Private Practice

Brian Anantatmula  
West Richland, WA  
Brigham Young University  
General Dentistry-Washington State

Tyson Anderson  
St. George, UT  
Brigham Young University  
Private Practice

Jared Anderton  
Morgan, UT  
Southern Utah University  
Private Practice

David Babington  
Fairfax, VA  
University of Virginia  
Private Practice

Nicole Barbour  
Richmond, VA  
Virginia Union University  
Richmond Community Health Center

Nassir Barekzi  
Springfield, VA  
James Madison University  
Private Practice

Valerie Byrnside  
Bedford, VA  
Virginia Tech  
Oral & Maxillofacial Surgery

Nadia Church  
Richmond, VA  
Virginia Commonwealth University  
General Dentistry-Martinsburg, WV

Michael Clark  
Charlottesville, VA  
University of Virginia  
Private Practice

School of Dentistry Class of 2006 79
Jason Crozier
Ogden, UT
Weber State University
General Dentistry-VCU/MCV

Anthony Davis
Cedartown, GA
University of Maryland
Private Practice

Sayward Edwards
Roanoke, VA
University of Virginia
General Dentistry-UVA

Margaret Enoch
Fairfax, VA
University of California Davis
General Dentistry-USAF

Kenneth Eye II
Panama City, FL
University of Florida
Pediatric Dentistry-Temple University

John Flowers
Chesapeake, VA
James Madison University
Pediatric Dentistry

Ashkan Ghaffari
Herndon, VA
Duke University
Orthodontics-VCU/MCV

Rana Graham
West Point, VA
Hampton University
National Health Services Corps

Jerel Gutierrez
Chesapeake, VA
Virginia Tech
Private Practice

Melanie Harkabus
Richmond, VA
Harding University
Private Practice

Alex Hatch
Mesa, AZ
Brigham Young University
General Dentistry-USAF

Scott Henson
Roanoke, VA
Virginia Tech
Orthodontics-VCU/MCV
Tami Hiromasa
Layton, UT
Weber State University
Private Practice

Gregory Hohl
Easton, PA
University of the Sciences
Private Practice

Josh Hollingshead
Minersville, UT
Southern Utah University
Private Practice

Mark Interian
Richmond, VA
California Polytechnic State
Private Practice

James James III
Dublin, VA
Emory & Henry College
Private Practice

Ryan Jones
Richmond, VA
Hampden-Sydney College
Private Practice

Wesley Kandare
Virginia Beach, VA
Brigham Young University
Private Practice

Amanda Key
Gloucester, VA
Virginia Tech
Private Practice

Andrew Kim
Burke, VA
Case Western Reserve
Private Practice

Christine Kim
McLean, VA
University of Virginia
Orthodontics-University of Colorado

Pye Kyu
Chesapeake, VA
Old Dominion University
Private Practice

Sariah Light
Roanoke, VA
Brigham Young University
Private Practice

School of Dentistry Class of 2006
Eric Lovell
Martinsville, VA
University of Virginia
Private Practice

Laura Mallinak
Martinsville, VA
University of Virginia
Private Practice

Gabriel Martin
Richmond, VA
University of Virginia
Private Practice

Mary Martinez
Portsmouth, VA
Old Dominion University
Private Practice

Willard Maughan
Ogden, UT
Weber State University
Periodontics-VCU/MCV

Ben McEvoy
San Ramon, CA
Utah Valley State College
Private Practice

Kendall Morris
Lawrenceville, VA
High Point University
Private Practice

Mason Morris
Lynchburg, VA
University of Richmond
Private Practice

Justin Neibauer
Colonial Beach, VA
Columbia Union College
Private Practice

Mark Newman
Virginia Beach, VA
Old Dominion University
Private Practice

Esther Oh
Vienna, VA
Duke University
Oral & Maxillofacial Surgery-UNC Chapel Hill

Elizabeth Olin
Manassas, VA
James Madison University
General Dentistry
McKay Packer
Salt Lake City, UT
University of Utah
Private Practice

Jason Paige
Hampton, VA
James Madison University
Private Practice

Hiren Patel
Richmond, VA
Virginia Commonwealth University
Private Practice

Rob Patterson
Castro Valley, CA
Brigham Young University
General Dentistry-VCU/MCV

Seth Perkinson
Charlottesville, VA
University of Virginia
Private Practice

Barry Peterson
Layton, UT
Weber State University
General Dentistry-Navy

Ryan Reeves
Fairfax Station, VA
Virginia Commonwealth University
Private Practice

Chris Robins
Salt Lake City, UT
Brigham Young University
Private Practice

Kristin Scoggins-Mastros
Newport News, VA
Virginia Tech
General Dentistry- Hampton V.A. Hospital

Reena Shial
Richmond, VA
University of Virginia
General Dentistry-VCU/MCV

Alexander Simon
Richmond, VA
Saveetha Dental College of India
Private Practice

Michael Slater
Vernal, UT
Utah State University
General Dentistry
Matt Snyder
Sandy, UT
University of Utah
Private Practice

Steven Stensland
Richmond, VA
Virginia Tech
Private Practice

Daniel Stockburger
Seaford, VA
Old Dominion University
Private Practice

Aaron Straw
Salt Lake City, UT
Brigham Young University
Private Practice

Adam Ta
Falls Church, VA
University of Virginia
Pediatric Dentistry

Russell Taylor
Poquoson, VA
College of William & Mary
Private Practice

Ben Tolley
Winchester, VA
James Madison University
Private Practice

Kevin Toms
Charlottesville, VA
James Madison University
Private Practice

Norman Trahos
Alexandria, VA
Virginia Commonwealth University
Private Practice

Quang Tran
Springfield, VA
George Mason University
Private Practice

Yun Tse
San Francisco, CA
Virginia Tech
Private Practice

Blake Tucker
Mesa, AZ
Arizona State University
Private Practice
Nathan Wayment
Warren, UT
Weber State University
General Dentistry-University of Utah

Scott Wellman
Phoenix, AZ
Arizona State University
Private Practice

Lylarose Wilby
Richmond, VA
University of Virginia
Private Practice

Michael Williams
Richmond, VA
College of William & Mary
Private Practice

Bryan Wood
Albuquerque, NM
University of New Mexico
Private Practice

Courtney Zadell
Chesapeake, VA
Virginia Tech
Oral & Maxillofacial Surgery
Corinne Hoffman  Vanessa Hofilena  Robert Hunsaker  Mantique Johnson  Matthew Kim  Michelle Klima

Quoc Lu  Bobby Lunka  Sean Lynch  Ashley Matthews  Bridget McDowell  Ali Mohammad

Sumayra Mohiuddin  Ryan Olson  William Pack  Sejal Patel  Long Pham  Marcus Pope

Shwetha Rai  Jillian Reynolds  Tom Reynolds  Juan Rojas  Matthew Roller  Randy Russell

Scott Sachs  Marvin Sagun  Ryan Saunders  Izzat Sbeih  Spencer Shelley  Erica Sok
John Agapis  Ali Akhlaghi  Kelly Bowlin  Derek Brown  Anthony Castellano  Stephanie Chambers  
Uppasna Chand  Ju-Han Chang  Kaitlin Cronan  Jessica Dance-Smith  Andrea Dennis  Kristian Dietz  
Isra Elrayah  Patrick Holmes  Andrew Lawhorne  Nga Le  James Lee  Kevin Lewis  
Mike Munilla  Karina Munoz  Trevor O’Neil  Kinjal Patel  Jacob Powell  Joshua Ramey  
Jeff Roberson  Shahrzad Salartash  Larry Scarborough  David Schindler  Susan Seal  Ryan Shearer
"The Medical College of Virginia gave me the knowledge and skills to become a successful dentist. At the time, like most students, I thought I would never make it through, that the courses were too tough, and the hours were too long. But my friends and I persevered, and we were all there on graduation day together. Since that time, many of us have gone on to work with successful practices, or hold teaching positions at universities. We have since spread out around the state and the nation, but I remain in contact with many of my classmates."

-Warren Sachs, 2006

Dr. Warren Sachs graduated from MCV School of Dentistry as part of the Class of 1971. In 1973, he became a partner at Lefcoe, Weinstein, Sachs, and Schiff, one of the largest dental practices in Virginia. During his spare time, Dr. Sachs remains a very active member of his community, having held several leadership positions such as Dental Coordinator of Physicians for Peace, Chairman of the Arts and Humanities Commission, President of the Health Advisory Council, and Founding Director of Towne Bank. Dr. Sachs also served as a Lieutenant Commander in the Navy. His legacy continues at MCV through his two sons, Matt Sachs (School of Medicine Class of 2006) and Scott Sachs (School of Dentistry Class of 2009).
A Letter from the Senior Class President:

To the Class of 2006,

As our time comes to an end here at the Medical College of Virginia, it’s time to look back at the past four years. When we started pharmacy school most of us were not quite sure what to expect. I remember after the first day of orientation, I thought to myself, “What have I gotten myself into?”! I clearly remember the first day of classes. I, like many others, had brought my laptop to school. No one had mentioned that we did not need our laptops everyday! The first sign that there was more to life than just studying was the anatomy party after our first exam. As a class we started making memories together.

Although there were plenty of rough times, we knew how to have fun! From our first party to our last, it was fun to get to know everyone outside of class. Tobacco Company on Thursday nights, school picnics, school semi-formals, and MCV formals were always a blast. We all had our friends that kept us going throughout school. The one thing I loved about our class was that even though we all had our sets of friends, our class as a whole always got along with each other. It’s been great getting to know each one of you throughout the years. I know each of you has unique qualities and will contribute to the pharmacy profession in your own way. Some of us came to school married and with kids, while others got engaged and married over the four years. Some were even brave and three babies were born in our class over the 4 years! A few of our classmates decided to stay a couple of extra years to continue their education with additional degrees. Good luck to all of you!

It has been a pleasure to serve as your class president for the past two years. I wish all of you good luck with your future endeavors, both personal and professional. Congratulations, Class of 2006. We did it!

- Sukhmani K Sarao, Class of 2006
Katherine Ahern
Mechanicsville, VA
Virginia Commonwealth University

April Anderson
Charlottesville, VA
University of Virginia

Ebenezer Aniagyei
Hampton, VA
Thomas Nelson Community College

John Austin
Newport News, VA
Virginia Wesleyan College

Brett Barlow
Rustburg, VA
Lynchburg College

Ropon Bateman
Mechanicsville, VA
Virginia Tech

Walter Belcher
Haysi, VA
University of Virginia’s College at Wise

Gregory Blake
Gloucester, VA
Christopher Newport University

Kristina Bond
Huber Heights, OH
College of Wooster

Brian Broyles
St. Paul, VA
University of Tennessee

Brandy Butler
Sandston, VA
Virginia Commonwealth University

Emily Byrd
Bristol, TN
Maryville College
Duane Erby
Lynchburg, VA
Lynchburg College

Joshua Estep
Rosedale, VA
Southwest Virginia Community College

Jaclyn Ferrell
Richmond, VA
Virginia Commonwealth University

Nicholas Ford
Chester, VA
James Madison University

Kelly Gauthier
Rochester, NY
State University of New York

Jennifer Gibson
Richmond, VA
Clemson University

Justin Gillum
Greenup, KY
University of Kentucky

Emilie Glover
Chesapeake, VA
Mary Baldwin College

Graham Gravley
Hillsville, VA
Davidson College

Ruth Green
Goochland, VA
Virginia Commonwealth University

Ronald Gregory
Richmond, VA
Randolph-Macon College

Kasey Griffith
Stratford, VA
Syracuse University
Namrata Patel
Richmond, VA
Virginia Commonwealth University

Ashley Patton
Blountville, VA
East Tennessee State University

Rebecca Pennington
Kentbridge, VA
Virginia Tech

Erica Perry
Mechanicsville, VA
Virginia Commonwealth University

Rita Pezeshcan
Roanoke, VA
University of Virginia

Lisa Phipps
Glen Allen, VA
Virginia Commonwealth University

Andrea Plummer
Greenup, KY
University of Kentucky

Jason Price
Gold Hill, NC
University of Mississippi

Amanda Proost
Mechanicsville, VA
Virginia Commonwealth University

Emilie Raddin
Richmond, VA
University of Virginia

Eric Rakes
Richmond, VA
Virginia Commonwealth University

Kelli Reminess
Bluefield, VA
James Madison University
John Stevens
Lexington, KY
University of Kentucky

Nathan Still
Coeburn, VA
University of Virginia's College at Wise

Derek Sutherland
Elk Creek, VA
Virginia Tech

Kristin Tackett
Roanoke, VA
Virginia Tech

Christopher Tagliente
Virginia Beach, VA
James Madison University

Tsedeal Tarekegne
Richmond, VA
Virginia Commonwealth University

Amy Tennien
Virginia Beach, VA
State University of New York

Angela Toler
Mechanicsville, VA
Virginia Commonwealth University

Divya Trehan
Herndon, VA
James Madison University

Katie Underhill
Chester, VA
Virginia Commonwealth University

Trisha Ung
Fremont, CA
University of the Pacific

Mark Vaughan
Pulaski, VA
Virginia Tech
Delegate Harvey Morgan was first elected to the Virginia House of Delegates in 1979 and represents the 98th Legislative District. Having graduated from the MCV School of Pharmacy in 1955, he went on to become very active throughout the community, eventually serving as Chairman of the Commerce and Labor Committee and Chairman of Higher Education. He has received several gubernatorial appointments including the Governor’s Advisory Committee on Medicare/Medicaid and the Virginia Drug Abuse Advisory Council. Delegate Morgan has received numerous awards and honors including the MCV Alumni Association Outstanding Pharmacy Alumnus Award in 1992 and Legislator of the Year in 2004 by the Chesapeake Bay Foundation.

“My love and respect for MCV have not diminished over the years. I continue to be grateful to my alma mater and its impact on my career and my life.”

-Delegate Harvey Morgan, 2006
Shazia Raheem
Joe Ramey
Laura Reith
James Renner
Marcie Roark
Amanda Schutt
Kim Scott
Krystal Self
Riddhi Shah
David Shakespeare
Mink Sisaithong
Melanie Smith
Renee Soboleski
Jessica Southward
Missy Spangler
Jeremy Spires
Brandon Sturgill
Margaret Sutton
Kim Tran
Thuy Truong
John Van
Carrie Vest
Kathryn Weakley
Ayrl Webb
Emily Wells
Cassandra Wood
Rachel Yost
Then and Now: Rebecca Snead

"My greatest memory is actually the collection of memories throughout my years at MCV which resulted in a sense of community... a sense of family. We all cared for each other and the patients we were serving. We learned that together we can achieve so much more than individually. We learned that with hard work, determination, the support of your family and a great foundation you can achieve great things. MCV gave me that foundation... that sense of community that a family provides you. I love returning to the MCV campus today... it feels like a home coming."

- Becky Parker Snead, 2005

Rebecca P. Snead received her Bachelor of Science in Pharmacy from the Medical College of Virginia in 1985. She has served as the Executive Director of the Virginia Pharmacists Association, where she began her career as the Director of Professional Affairs in July 1994. In addition, beginning April 2002, she assumed the role of Administrative Manager for the National Council of State Pharmacy Association Executives as well as President of the MCV Alumni Association of Virginia Commonwealth University. Throughout the years, she has also been very active throughout the community in various volunteer leadership positions, including President of Virginians Improving Patient Care and Safety and Board member of the Arthritis Foundation-Virginia Chapter. She also serves as a preceptor for the Hampton University School of Pharmacy, Shenandoah University School of Pharmacy, and the VCU School of Pharmacy.

Among the numerous awards she has received, in 2000, Rebecca Snead was awarded the VCU Alumni Star for Pharmacy and has been named one of the 50 most influential pharmacists in the nation by the American Druggist Magazine. In 2002, she was featured on the cover of Scarab, the magazine for alumni, faculty, and friends of the MCV Campus of VCU.

Right: A senior class portrait of Rebecca P. Snead, MCV School of Pharmacy Class of 1985 and a more recent photo of her from the cover of Scarab.
A Letter to the Senior Class:

To the Fabulous Class of 2006,

From our first experiences in the basement “lab” to the procession into the Siegel Center, our class has been through many changes: the grading scale, last minute clinical switches and lectures in the lounge (due to some nasty mold). But through it all, some things have remained constant...

Congratulations on finally graduating and the best of luck to everyone in the Class of 2006!

~Ida Trice and Anne Clements
LaChrisa Jennings
Glen Allen, VA

Heidi Kraus
Yorktown, VA

Susan McConnell
Midlothian, VA

Kristal Ratcliffe
Powhatan, VA

Jason Sitterson
Glen Allen, VA

Sarah Skelly
Williamsburg, VA

Amy Smith
Midlothian, VA

Ida Trice
Richmond, VA

Kiley White
Leesburg, VA

Habibah Williams
Chester, VA

Biggest Tattoo - Heather Hudson
Most Likely to Have 12 Children - Melissa Cope
Biggest Homebody - Megan Cannon
Most Likely to Date a Patient - Rachel Hunnicutt
Always Late - Natasha Colmore
Best Curls - Anne Clements
Most Likely to Carry Starbucks - Autumn Rabbers
Highest Heels - Ida Trice
Always with Her Cell - Hilary Harris
Biggest PopTart Fan - Elaine Bolipata
Most Genuine - Kiley White
Dazed & Confused - Ahmed Qureshi vs. Sharan Moody
Best Smile - Blair Stone
Front-row Resident - Matthew Scoggins
Most Likely to Leave Class Early - Heidi Kraus vs. Autumn Authier
As a girl, Sister Patricia Eck always knew she wanted to be a nurse. She watched her mother, a nurse, care for friends and neighbors in need. Inspired by her mother, she chose nursing as a career. With the idea of religious life always holding a place in her mind, she decided to become a Sister of Bon Secours after graduating from nursing school. "I like being with people and caring for them when they needed it most," she says, "It was a great opportunity to serve people in a community I love."

Following a call to nursing and religious life, Sister Patricia Eck has made an indelible impression in the lives of those she has served either as a nurse or administrator. She finds inspiration in her work everyday and values the opportunity she has to make a difference in so many lives.
A Letter from OT and PT Class of 2006 Presidents:

To the Occupational Therapy Class of 2006:

Our class formed during the summer of rain, the summer of 2004. We are a large group, starting out with 25 members. Diverse in some aspects and very homogenous in others (we frequently count ourselves lucky to have Mark and Clint as the male viewpoints in the class!) Several of our cars were either carried away or ruined in the flooding brought on by tropical storm Gaston. Man, that was a fun ride home! Wait...A song is coming to mind....Just keep swimming, just keep swimming!! We've had the pleasure of welcoming two babies: Mario Williams, Jr. and Sydney Mason into our ranks, and we look forward to welcoming another in the summer of 2006. A few of us got engaged during our time here. As our group continues to grow and change, I know we will look back on our time at VCU with fond memories in the years to come.

--Jennie H. Fairservice, Occupational Therapy Class President, M.S.O.T.'06

To the Doctors of Physical Therapy Class of 2006:

We spent almost all day together with each other in the basement of the West Hospital for the better part of the last three years. For those that do not know, this is where Department of Physical Therapy is located. It is here that we all learned about each other and about ourselves as we struggled together through an intense program designed to outfit us all with the tools necessary to become entry-level physical therapy clinicians. More importantly, the caring faculty challenged us not to just follow protocols but to use our minds to investigate and understand why our patients' impairments lead to their functional limitations and disabilities. We learned to design treatment rationale to tailor rehabilitation to them as individuals allowing the high school running back to return to the playing field, helping the grandmother pick up her beautiful granddaughter after she has suffered from a debilitating stroke or helping the neighbor who is diagnosed with cerebral palsy play like the other kids at school.

As we look back at our times in the basement we can remember the times that we all stressed about that next Neuro test or what the specificity and sensitivity of whatever special test. Most of all, we can look back at the friendships that we were able to build as we all were together working to become Doctors of Physical Therapy. As diverse as were, there was always someone there to relate to.

--Michael Hathaway, Class President, DPT Class of 2006
Maheder Ayele  
Richmond, VA  
Clinical Laboratory Science

Esraa Bani  
Herndon, VA  
Clinical Laboratory Science

Tiffany Bertolacci  
Virginia Beach, VA  
Virginia Tech  
Physical Therapy

Lynnette Blosser  
Fredricksburg, VA  
Mary Washington College  
Physical Therapy

Teesha Boyd  
Raleigh, NC  
University of North Carolina at Chapel Hill  
Health Administration

Shawnte Branch  
Richmond, VA  
Old Dominion University  
Physical Therapy

Mandy Bullock  
Chesapeake, VA  
Virginia Tech  
Occupational Therapy

Erin Clibbens  
Richmond, VA  
Virginia Tech  
Occupational Therapy

Amy Crystal  
Charlottesville, VA  
University of Virginia  
Occupational Therapy

Eric Dalton  
Newport News, VA  
James Madison University  
Health Administration

Lauren Donovan  
Richmond, VA  
West Virginia University  
Health Administration

Matt Evans  
Tyler, TX  
University of Tennessee  
Health Administration
Jennie Fairservice  
Mechanicsville, VA  
James Madison University  
Occupational Therapy

Camille Fisher  
New Bern, NC  
University of North Carolina at Chapel Hill  
Health Administration

Jamelle Foster  
Richmond, VA  
University of Virginia  
Physical Therapy

Eva Frimpong  
Sunyani, Ghana  
Virginia Commonwealth University  
Occupational Therapy

Jennifer Griffith  
Virginia Beach, VA  
Clinical Laboratory Science

Jerad Hanlon  
Richmond, VA  
James Madison University  
Health Administration

Natalie Hayes  
Southern Pines, NC  
Wingate University  
Occupational Therapy

Jessica Phuong Ho  
Richmond, VA  
Clinical Laboratory Science

Edwin Gerry Ibay  
Richmond, VA  
University of Richmond  
Health Administration

Laura James  
Richmond, VA  
North Carolina State University  
Occupational Therapy

Una Kim  
Stafford, VA  
Clinical Laboratory Science

Sharon Lee  
Dallas, TX  
University of Texas at Dallas  
Health Administration
Dearra Lee
Norfolk, VA
University of Virginia
Health Administration

Ashley Lewis
Amherst, VA
James Madison University
Health Administration

Emily Mason
Richmond, VA
Randolph-Macon University
Occupational Therapy

Meghan McCue
Covington, VA
Virginia Commonwealth University
Occupational Therapy

William Miller
Harrisonburg, VA
Clinical Laboratory Science

Nazar Mohammadali
Richmond, VA
Clinical Laboratory Science

Megan Moore
Williamsburg, VA
Mary Baldwin College
Health Administration

Sarah Moore
Albuquerque, NM
Virginia Commonwealth University
Occupational Therapy

Calee Morris
Richmond, VA
Nurse Anesthesia

Kirsten Murphie
Burlington, NC
East Carolina University
Occupational Therapy

Aryana Palmer
Houston, TX
University of Virginia
Health Administration

Lanetta Pressley
Springfield Gardens, NY
Virginia Commonwealth University
Occupational Therapy
Justine Valentine
Danville, VA
Clinical Laboratory Science

Cynthia Young
Richmond, VA
Rehabilitation Counseling

Melissa Zuraw
Virginia Beach, VA
Virginia Commonwealth University
Occupational Therapy
School of Allied Health Class of 2007

Holly Agnew
Occupational Therapy

Ashley Amey
Occupational Therapy

Amanda Barbara
Occupational Therapy

Stefano Barreto
Occupational Therapy

Mohammed Beyad
Health Administration

Katie Campbell
Health Administration

Sarah Coble
Gerontology

Emily Crinklaw
Occupational Therapy

Rose Crystal
Radiation Sciences

Katie DeWeerd
Occupational Therapy

Laura Downey
Occupational Therapy

Courtney Fox
Occupational Therapy

Melissa Glass
Occupational Therapy

Tamera Hairston
Occupational Therapy

Shannon Hathaway
Occupational Therapy

Nikki Juergensen
Occupational Therapy

Jessica Karan
Occupational Therapy

Sarah Kim
Occupational Therapy

Allison Krumpe
Occupational Therapy

Larry Lanberg
Clinical Laboratory Science

Kelly Lefler
Occupational Therapy

Heather Link
Occupational Therapy

Kari Longoria
Health Administration

Zach McCluskey
Health Administration

Marian Mensah
Occupational Therapy

Jason Nagy
Clinical Laboratory Science

Steven Naleway
Health Administration

Vikram Nambiar
Patient Counseling

Brian Nidermayer
Occupational Therapy

Emily Ratliff
Radiation Sciences
Then and Now: Sister Patricia Eck

"MCV was a great time both for Nursing (BSN) and Health Administration (MHA). Skull and Bones [restaurant] was a constant...and Baruch Auditorium and Grand Rounds were great. These were old buildings and small classes for both nursing and health administration."

-Sister Patricia Eck, 2005

Sister Patricia Eck has been serving the community for over 30 years through nursing, management, and sponsorship roles for the Bon Secours Health System (BSHSI) facilities. After completing her Bachelor’s degree in Nursing from MCV in 1972 and a Master’s degree in Nursing from Catholic University of America, she proceeded to obtain her Master’s degree in Health Administration from MCV, which she completed in 1981.

Changing roles from nurse to administrator, her mission to give "good help" to those in need never wavered. "I wanted to contribute to policy and decision making. I had something to offer," Sister Pat explained. In 1997, Sister Pat was appointed chairperson of Bon Secours Health System Board of Directors and relocated to Maryland. In this position, she makes a difference in the lives of those the Health System serves. "There is an energy and spirit about caring for other people and making what we do everyday our life's work," she says, "A lot of people don't have this opportunity." Sister Patricia gathers inspiration and energy from those she works with and the people she visits at the 41 local BSHSI communities. "I work with an incredibly talented and committed group of people. When I go into the local communities to see people providing care and leadership, it re-ignites in me our commitment and what we're called to do," she says.

As chairperson of BSHSI, Sister Pat is responsible for the governance of the Health System and mission functions at the system level – it is her responsibility to make sure the priority of the System's mission remains undiminished at system, divisional and local levels.

In August 2002, Sister Pat was installed as the chairperson of the Board of Trustees for the 2,000 member Catholic Health Association of the United States. As a member of CHA’s Board of trustees, she will collaborate with other Board members to provide governance in setting strategic directions in the areas of mission, ethics, and advocacy to support and strengthen the Catholic health ministry in the United States. "My hope is that we can be the moral and prophetic voice that is needed in our Church and world today," Sister Pat says. "Our call today is old and clear. We are committing ourselves to advocate for justice and to transform our health ministry."
To the MCV Campus Students:

It has been my sincerest pleasure to work on behalf of the student body. I have enjoyed working with the SGA, Honor Council and the student leadership and administration of each school as well as the general student body. I am excited about our continued work together to enhance student life on the MCV Campus.

On behalf of the Division of Student Affairs and Enrollment Services, congratulations to the graduating class of 2006! Each of you has achieved an important milestone in your personal and professional development. I wish you success and best wishes in your future endeavors.

Dr. Geoffrey H. Young
Associate Dean for Student Affairs

The Student Government Association (SGA) is the governing body for the students of the MCV Campus. It administers programs and activities for all of the five professional schools at MCV. Funding from student fees is used for philanthropic events, social activities, the MCV Winter Ball, as well as “The X-Ray”, the annual publication for MCV. Representatives are elected from each class of each school and serve as a liaison between the SGA Executive Board and the student body.

SGA holds monthly meetings open to the student body in which the Executive Board and SGA representatives are required in attendance. All students are welcome and encouraged to be elected or appointed as officers or representatives and also have a right to participate in its governance.
Dear MCV Campus Students,

I would like to thank everyone for another great year on the MCV Campus. This year the Student Government Association was able to continue many traditional campus events while adding a few new activities. The End of Semester Study Breaks and the Halloween party remain popular events. Tickets to the Winter Ball at the Jefferson Hotel were in high demand and the event was a great success with over 1000 students and faculty enjoying an evening together. The SGA also registered 32 teams of students to run in the upcoming Monument Ave 10K with proceeds benefiting the Massey Cancer Center. Other activities included Habitat for Humanity, a bowling night, casino night and tailgate party at VCU’s Homecoming. Besides planning fun events for students, the SGA has worked tirelessly with the administration to try to improve the quality of life for students on the MCV Campus. Parking and safety issues continue to be a top priority and progress has been made with the addition of the Main Street Station Parking Lot and increased VCU police presence at popular off campus parking locations. The administration has also committed to building a new Rec Sports facility on the MCV Campus and a planning committee has been formed. With Hunton Hall scheduled to open in September, a new School of Nursing and Critical Care Tower under construction, the MCV Campus is changing before our eyes. I’d like to thank all of the SGA officers and representatives for all of their hard work this year and I encourage everyone to get involved with the SGA in the future. Thanks for the privilege of serving as your SGA President.

Sincerely,

Ashley E. Hall
School of Medicine, Class of 2006
Medical Student Government

The School of Medicine Student Government (MSG) was founded in order to unite the four School of Medicine classes under one organization. MSG aims to represent the entire medical school student body and all enrolled medical students are members of this organization. The focus of MSG is to pursue projects of common interest to the School of Medicine that may not necessarily extend to the rest of the MCV student body. Some areas of interest of MSG are: coordinating M1 Orientation, publishing “Survival Guides” for students, disbursing 12.5% of the SOM Annual Fund, coordinating class elections, and sponsoring social events such as Liver Rounds, Wine Tasting, and Medicine Ball. The MSG has a student-run publication, “Skull and Bones” as well as an informational website.

2005-2006 Medical Student Government Officers

President: Meghana Gowda
Vice President of Student Life: Shakun Gupta
Vice President of Social: Mahesh Raju
Vice President of Publications: Kristin Ondecko
Secretary: Mireille Truong
Treasurer: Drew Davis

Dr. Geoffrey Young (Associate Dean of Student Affairs), Mireille Truong (MSG Secretary), Dr. James Messmer (Associate Dean of the School of Medicine).
The American Student Dental Association is a national student-run organization which protects and advances the rights, interests, and welfare of students pursuing careers in dentistry.

It represents students with a unified voice and provides information, education, advocacy, and services. The association introduces lifelong involvement in organized dentistry, and promotes change for the betterment of the profession.

**ASDA Representatives:**

Rob Chatterton, Legislative Committee Chairperson  
Elizabeth Berry, Service Committee Chairperson  
Nathan Saydyk, D4 Rep, Legislative Committee  
Valerie Watson, D4 Rep, Membership Benefits Committee  
Brendan Smith, D3 Rep, Legislative Committee  
Aaric Allred, D3 Rep, Lunch & Learn Committee  
Jeff Allred, D2 Rep, Pre-Dental Committee  
Russell Guymon, D2 Rep, Lunch & Learn Committee Chairperson  
Zach Kuenzli, D1 Rep, Membership Benefits Committee  
Frank Henrich, D1 Rep, Pre-Dental Committee
Right: AMA members lobbying at the Richmond Capitol for changes and awareness on issues pertaining to healthcare legislature.

Photos Above: Radhika Thorn (M2), presenting to elementary school kids in an AMA sponsored community service project.

The AMA-MSS is dedicated to representing medical students, improving medical education, developing leadership, and promoting activism for the health of America. More than 50,000 members strong nationwide, the AMA-MSS is a forum for medical students to impact health policy and understand the issues facing medicine. Through projects, programs, and activities, the AMA-MSS pursues to be the leading medical student organization for advancing issues of public wellness, community service, ethics, and health policy.
In November 2005, the Medical Student Section of the Medical Society of Virginia made history. Students from the MCV Chapter wrote a resolution that was the first student resolution ever submitted to the MSV House of Delegates. In response to controversy over the MCV name change, the Medical Student Caucus, which included representatives from all Virginia medical schools, voted unanimously to support the MCV Chapter in writing a resolution that dealt with the issue. The final resolution called for the Medical Society of Virginia to inquire into why VCU changed the name and with what statutory authority they were able to do so.

Through the efforts of Dan Barrett, Cliff Deal III, MD, Judson Frye, and Patrick Sweet III the resolution was successfully defended during testimony at the MSV annual meeting. The resolution finally made it to the MSV House of Delegates where it was passed as amended. The achievement was proof that medical students could use the Medical Society of Virginia as a means for change.

Virginia Commonwealth University School of Medicine
Student Representatives
Chair
Daniel Barrett

General Council Representative
Judson Frye

MSV Foundation Director
Patrick Sweet III

MSV Associate Director
Kristen Ondecko
Skull and Bones is published by the Medical Student Government of the VCU School of Medicine. Serving as a source of creative expression through narrative, poetry, and art, Skull and Bones also features several series of contributions. “Too Lazy for JAMA” series, written by Meghana Gowda, Medical Student Government President, explores contemporary issues at the forefront of medical science. Another series by Dan Barrett, President of the Medical Society of Virginia Medical Student Section, takes a look at student involvement in organized medicine on a local, state, and national level. We also capture a glimpse, through both written and graphic expression, of student involvement in the community and at VCUSOM. Resurfacing this year after an almost 25 year hiatus, this continues the traditional begun more than 90 years ago on November 5, 1915 by the Class of 1918.

Featuring the highlights of Skull and Bones from 2005-2006

Students from the Class of 2009 wrote Heart Songs about those things which inspire them and touch their hearts...

The Walk

The road I took was not the road I sought Twists and turns with every stride I fell more than I stepped

I walked without knowing where the road would take me I questioned until there were none left I watched as others took roads that I wished were mine I watched as others passed me by

But still I walked... still I walked... always pushed by the promise... of simple arrival But why is it that the promises we make ourselves always seem the promises most empty

Because I did arrive... and arrival was not simple at all With it came more roads with steeper climbs, twists, and fails

I walked, I fell, I stood up again I walked, I fell, I stood up again And still I danced... I'm dancing still

Because I no longer care about the arrival... that isn't really an arrival at all Instead... I walk the walk... with its twists and fails Because it's the walk itself... that's the heart of it all

Walk the road and you will arrive Seek arrival and you lose your stride Twist or turn Fall or stand

I will not lose my way... ever again I will stumble I will fall

But always, I will walk it my way Because this is My Road And I am here to stay.

Kevin Lee, Class of 2009

VCUSOM (then MCV) began granting women admission into medical school in 1918. In 1920, Innis Steinmetz, a transfer student, became the first female to complete her medical studies here. Thirty years later, in 1955, Jean Harris became the first African-American woman to receive a medical degree from this institution.

~Tiffany Kelly, Class of 2008

Un día en Comayagua, Honduras
A first year medical student’s experience in Honduras with HOMBRE 2005
We all felt very popular with lines of more than 400 people often waiting for us (the medical teams) when we arrived at each village site.

~Mark Ranck & Mireille Truong,
Class of 2008
Modern Flossophy is the quarterly publication by the VCU School of Dentistry Student Government Committee and VCU ASDA Chapter with various articles written by students, faculty, and administration.

STUDENT GOVERNMENT TAKES HOME NATIONAL AWARDS AT ASDA ANNUAL SESSION IN HOUSTON

Where is the Tradition at the VCU School of Dentistry?
-An Editorial by Bradford Allen, back page

The VDA Honors Our Students & Faculty at Annual Meeting

-Dean Hunt Reports, page 5

Students to Graduate with Invisalign Certification

-Nathan Saydyk Reports, page 5

Thoughts on Gross Anatomy

-D1 Students report, page 12

Do You Have a Patient with Meth Mouth?

-Ryan Edmunds Gives Valuable Information, page 17
Alpha Omega Alpha is the only national honor medical society in the world. Its raison d’etre can be expressed in a phrase: to recognize and perpetuate excellence in the medical profession. As stated in the society’s constitution, “Alpha Omega Alpha is organized for educational purposes exclusively and not for profit, and its aims shall be the promotion of scholarship and research in medical schools, the encouragement of a high standard of character and conduct among medical students and graduates, and the recognition of high attainment in medical science, practice, and related fields.”

To fulfill the role it has set for itself, Alpha Omega Alpha elects outstanding medical students, graduates, alumni, faculty, and honorary members to its ranks. It sponsors several different programs, such as: the Alpha Omega Alpha Visiting Professorships - designed to enrich the educational environment of the medical schools to which they are awarded; the Leaders in American Medicine videotape series - presenting biographical interviews with distinguished men and women in American medicine; and the society’s journal, The Pharos, is published quarterly and includes nontechnical papers and regular features which address a wide variety of topics of historical, philosophic, and current interest to physicians.

In addition, the society sponsors annual competitions for medical students: the Student Essay Awards and the Student Research Fellowships. The national office also endeavors to support the work of local chapters through the Chapter of the Year Award. In collaboration with the Association of American Medical Colleges, awards are also presented annually to outstanding teachers under the program known as the Robert J. Glaser Distinguished Teacher Awards.

Junior AOA- Members of the Class of 2006:

Angela Roman Bryan
Mara Elizabeth Cappiello
Evie Harvoll Carchman
Ashley Elizabeth Hall
Ryan Michael Pizinger
Ryan Stacer Raddin
Virginia Lang Robertson
Phillip Robert Wright

Senior AOA- Members of the Class of 2006:

Brian Lim Bello
Sandra Faye Bryant
Kavitha Chunchu
Meghan Nashlund Cooper
Millard Andrew Davis
Judith Dunai
Shannon Calhoun Eastham
Andrew Matthew Farland
Elena Cuticelli Garrett
Grzegorz Mariusz Gtowa
Abram Reed Geisendorfer
Andrew Robert Graber
Jonathan David Ha
Katherine Noller Hryniew
Arun Benjamin Jesudian
Leon William Kao
Christopher David Kenney
Patrick Gibson Maiberger
Alisha Renee Miller
Barbara Ellen Simpson
Rebekah Ruth White
Debbie Yang
Robert Steven Young

Junior AOA- Members of the Class of 2007:

Shareef Basheer Ahmed
Robin Rahsni Bhavsar
Michelle Lee Cowan
Ivan Christopher Davis
Miranda Sikora Dennis
Lauren Cameron Fiske
Amanda George
Amanda Lynn Gillespie
John Fred Hornick
Reena Khiney
Jamie Beth Olson
Mary Elizabeth Piazza
Stephanie Paige Rogers
Brian James Strife
Timothy Charles Walters
Delta Sigma Delta was established by far-sighted professionals - men with vision - who possessed the desire to render the best dental services in the highest professional manner. It was intended to bring together not only the most talented students of dentistry while in school, but by the establishment of the Supreme Chapter, it brought in the outstanding teachers and practitioners.

Professional fraternities have strong faculty support because of the high standards required for the establishment of a chapter on a campus. A good scholastic average is an important criterion for membership. These fraternities feature professional and educational programs as well as the usual social functions, and have active Graduate Chapters. Nowhere in the history of Delta Sigma Delta has it been written that we must initiate the largest number of candidates. On the contrary, the literature is replete with the philosophy of selectivity.

From the Back Left to Right: Dave Christian, Vinnie Kwatra, Adrian Laxa, Andre Lewis, Eddie Gomez, Jerel Gutierrez, 2nd Row: Russel Guymon, Dr. Vincent Savicki, Blake Maxfield, Michael Shuck, Cassidy Turner, Truc Dinh, Sarah Dowdy, Emily Mallinak, Dr. Art Mourino, Bernadette Mabanglo, Esther Oh, Laura Mallinak, Veepa Simon, First Row: Adam Ta, Jean Hong, Patrick Ngafouk, Nadia Church, Quoc Lu, and Dave Tse
"Kappa Epsilon is an all female service fraternity at the VCU School of Pharmacy. Our primary philanthropy is breast cancer which we promote awareness for as well as raise money throughout the year to help find a cure. We also visit high schools and promote pharmacy because of the shortage that is destined in the upcoming decades. We also take on small projects throughout the year by providing clothes to shelters, Angel Tree gifts, Easter Baskets to the pediatric patients, and visiting the Massey Cancer Center patients" - Amber Ormsby, President of Kappa Epsilon
The Kappa Psi Pharmaceutical Fraternity, founded in 1879, is the oldest and largest pharmaceutical fraternity. Kappa Psi was formed with the mission of community involvement through professional activities. In addition, Kappa Psi strives to foster scholarships and mutually benefits all its members through industry, sobriety, fellowship, and high ideals. The Theta Chapter of Kappa Psi was installed at the Medical College of Virginia Campus of VCU on July 30, 1921. Today, it remains as one of three all male chapters in our province.
America's first professional pharmacy fraternity, Phi Delta Chi was founded in 1883 at the University of Michigan in Ann Arbor. In 1975, Phi Delta Chi became a co-ed fraternity, welcoming women into the professional organization. Our motto is "Alterum Alterius Auxilio Eget" which means "Each needs the help of the other." We have worked to advance the profession of pharmacy and its allied interests, and to foster and promote a fraternal spirit amongst ourselves. PDC's national philanthropy organization is St. Jude Children's Research Hospital and the majority of our philanthropy events, including our "DiscoBowl", contribute toward this cause. Brothers also participate in other community service events at MCV's pediatric intensive care unit and community "brown bag" events in which we help elderly patients manage their medications. The Alpha Delta chapter of MCV currently has 90 members and we continue to grow rapidly!
The Rho Chi Society is the Pharmacy Honor Society at MCV School of Pharmacy, with our Lambda chapter established in 1922. We strive to promote excellence in the pharmaceutical sciences by recognizing students who demonstrate high levels of both academic achievement and professionalism. The eight sides of the Rho Chi key symbolize knowledge bases in Pharmacy, Pharmacognosy, Chemistry, Biology, the Clinical Sciences, Physiology, Pharmacology, and Pharmacy Administration.

Rho Chi members coordinate the Pharmacy school peer tutoring program and put on events such as the Dean’s List Luncheons and annual Pharmacy Bowl to assist and reward students for their academic achievements. Induction into the Rho Chi Society is a prestigious honor with national recognition.
Psi Omega is a dental fraternity at MCV School of Dentistry. The objectives of this Fraternity are to maintain and advance the high standards of dentistry by instilling in its members the spirit of fraternal cooperation; and to exert its influence for the advancement of the dental profession in its methods of teaching, of practice, of research, of ethics and of jurisprudence.

The VCU School of Dentistry Chapter of Psi Omega is among the most active in the nation. Among its many recognitions, they have received the Regional Founders Award in 2004 and 2005. On the MCV Campus, they cosponsored the MCV SGA Halloween Party whose proceeds went to aid those affected by the tragedy of Hurricane Katrina. They also held several clothing drives to help the victims in New Orleans.
“This year has been an exciting one for the Geriatric Student Interest Group (GSIG), which helps expose medical students to the world of Geriatric Medicine. In the fall semester, we went to Seven Hills Health Care Center and Linwood Robinson Senior Center (just down the street in Church Hill) for a few activities. The first was a game afternoon, where GSIG volunteers played and socialized with local seniors. By Halloween, GSIG organized an afternoon of crafts, where volunteers painted pumpkins and made decorations with a group of almost 20 seniors. We saw many familiar faces later in December when we returned for holiday caroling. That day, we visited both senior centers in a literal caravan of singing medical students! In the spring, we had our annual photo contest, including the awards reception at Old City Hall. Also in the second semester, a ballroom dance event was held. With a “Spring Fling” theme, medical students and seniors learned some moves from a GSIG volunteer who is a dance instructor. Next year should be just as fun for medical students interested in this very special branch of medicine.”

—Meagan Cogbill, GSIG Co-President
Honduras Outreach Medical Brigada Relief Effort (HOMBRE) is a non-profit organization established at MCV in 2000. Throughout the school year, the students fundraise for funds to cover the cost of medicine and supplies used in providing medical care to those in need in Honduras. Medical students and physicians devote half a month of their summer to providing medical care.

Above: Burak Gezen (M2) performing a physical exam on a patient in Honduras.

HOMBRE Summer 2005

Tiffany Beck (M2) and a doctor with the HOMBRE group interact with patients.

Mireille Truong (M2) enjoying the sun with her new friend.

The only mode of transportation available to the HOMBRE volunteers was an old fire truck.
Intramurals are organized by the VCU Recreational Sports. They offer tournaments in various sports including Basketball, Dodgeball, Flag Football, Soccer, Softball, Tennis (singles and doubles), Ultimate Frisbee, and Volleyball. On the MCV Campus, teams are comprised of classmates within the same program or within each school, depending on the number of participants. There are also many Individual and Dual sports that have no class restrictions. The tournaments occur throughout the year, with students from every school participating. The winners receive t-shirts to commemorate their victory.
The Notochords
MCV-VCU Student A Capella Group

**SOPRANOS**
Denise Canonizado
Jessica Geis
Laura James
Kerri Simpson

**ALTOS**
Amanda Jenkins
Kelly Kennett
Kristine Kolenich
Jenna Mannix
Erin Scott

**TENORS**
Sean McLane
Gautam Modali
Jason Sitterson
Ley Willis

**BASSES**
Wade Chi
Sam Khandker
David Pijor
Alex Probst

**PERCUSSION**
Justin Crocker
The Notochords are the premier student a cappella choir at Virginia Commonwealth University. They began in 1993 as an all medical student a cappella singing group and soon opened up to include members of all the MCV Schools. Recently, the Notochords have further expanded to include students from the Monroe Park Campus. With undergraduate, graduate, and professional students, this year's group includes students from the School of Medicine, School of Pharmacy, School of Nursing, School of Allied Health Professions, and undergraduate students from the Monroe Park Campus.

Performing a wide range of music ranging from Broadway hits to pop music, their repertoire changes year after year. Most of the music is arranged by the group members themselves and offers their audience original versions of popular songs.

Each year they hold two concerts, one in the winter and one in the spring, as well as spend some time in the recording studio. Other performances for various events on both the MCV and Monroe Park Campuses include singing at the School of Medicine White Coat Ceremony, School of Medicine Open House, and the VCU Intercultural Festival. Auditions are held at the beginning of each semester, depending on the number of available spots. While many of the members have a background in music, no experience is required to audition for the group. All that is required is talent, dedication, and passion for music.
The Student Association of Community Pharmacists (SACP) is a student chapter of the National Community Pharmacists Association. For over 100 years, NCPA has served as the national voice for independent pharmacists. Together, NCPA and SACP promote programs and advocate legislation with the goal of providing better patient care and education at the community level. At MCV, SACP members participate in a wide variety of activities: community service projects, national conferences, and meetings featuring guest speakers on current topics in the field of pharmacy.
The Student Family Medicine Association (SFMA) at VCU provides interested medical students the opportunity to gain educational experience and exposure to the field of Family Medicine. Students interact with Family Medicine faculty members and residents to learn more information about the field as well as strengthening their leadership skills.
SMILE
Students Making It a Little Easier

First and Second year medical students enjoying a day on the rink with their “little buddies”.

Above: Kenny Wong and his little buddy.
Below: Myo-Than Myint, Melissa Mondello, Kim-Anh Nguyen, Lauren Huddle, and Julie Ziabro skating with their buddies.

Sponsored by the American Cancer Society, S.M.I.L.E. is an MCV student organization that pairs first and second year medical students with MCV Hospital pediatric cancer patients and the patients’ siblings. This Big Buddy/Little Buddy system is part of the program’s goal of providing the pediatric patients with an opportunity to simply “be kids” through fun group activities such as ice skating and crafting. The program annually sponsors a trip to the ice skating rink for the patients as well as coordinating fun craft events during the holiday season.

Above: Taking a break from the rink, Wendy Woo (M2) and her little buddy pose for the camera.
The Student Chapter of the Virginia Society of Health System Pharmacists (SVSHP) is a professional student society that represents pharmacy students who wish to serve patients in Virginia across the continuum of care in integrated health care systems. Components of such systems include acute care, ambulatory care, home care, intermediate care, long-term care, and other components of health-systems. SVSHP also focuses on post-graduate residency training in preparation for a successful career in hospitals and health systems. SVSHP participates in several activities each year including the Heart Walk, Halloween party at MCV Hospitals Pediatric Intensive Care Unit, Pre-residency forum, blood drives, and an annual Clinical Skills Competition.
The School of Medicine Tour Guides are a group of second year medical students selected to represent the diverse student body at the VCU/MCV School of Medicine. They assist the administration and admissions committee in guiding tour groups around the MCV campus and familiarizing potential applicants, interviewees, and interested public with the history and campus of the medical school. Three tour guide directors are selected each year to work closely with Dr. Cynthia Heldberg and the admissions committee in coordinating tours and selecting future tour guides.

Tour Guides 2005-2006

Sabina Amin
Cara Brown
Heather Collins
Justin Crocker
Katie DePlatchett
Ross Dodge
Erin Douglas
Kenny Ewane
Jaclyn Fertig
Judson Frye
Bella Gabice
Rebecca Gibbons
Carrilynn Greenwood
Ben Herrick
Galen Holmes
Kelly Kennett
Nicholas Lahar
Jeff Leary
Emily Little
Myo-Thwin Myint
Tony Nguyen
Patricia Peters
Jannelle Posey
Sean Pustilnik
Andreya Risser
Neil Sheth
Brian Showalter
Thomas Simcox
Chris Somerville
Kenny Wong

Kelly Kennett leading a group of parents during MCV Parents Weekend.

Judson Frye and Sabina Amin

Natalie Zameroski guiding undergraduate students around MCV during Open House.
Virginia Academy of Student Pharmacists

The Virginia Academy of Student Pharmacists (VASP) serves to promote the profession of pharmacy through legislative affairs, community service, public relations and social activities. VASP is one of the largest organizations at the MCV School of Pharmacy and is a nationally recognized chapter.

Below: VASP members increasing health awareness in the local community by offering diabetes screening to the general public in the Ukrop's Pharmacy.
The Wilderness Medicine Society is a club that offers medical students the means to learn about the necessity of medicine in wilderness settings. Annual rafting and skiing/snowboarding trips are organized for students to have the opportunity to enjoy the outdoors.
Since 1978, the School of Medicine has elected female students to address women's issues within the curriculum. With the support of faculty and established women's groups, students have developed an organization to discuss women's health topics, increase awareness of the obstacles facing women in professional careers, and promote the advancement and achievement of women in all stages of medical education.

The Women in Medicine Student Organization (WIMSO) was established in July 2005. Since then, the group has been active in promoting women's health issues through a series of lectures and awareness days. The group has fostered leadership experiences by establishing officer positions to lead a group of over 65 students. WIMSO has been involved in community and campus leadership through representation with faculty and student government groups. To advance and support the careers of future female physicians, WIMSO has sponsored several events to encourage networking among students, faculty and community physicians. The group has also organized lectures to inform all students of the intricacies of the physician career path and how to balance life issues with career. The success of WIMSO is evident by the overwhelmingly positive response of students and community.
In this 168th year of the founding of our Medical Campus, the X-Ray staff hoped to continue and return some of the long traditions forged in the almost 100 years of this publication. The result is a yearbook that returns to the idea of highlighting and educating the student body about the long and accomplished history of MCV along with presenting a panorama of the previous year. We also restored important aspects to the yearbook traditionally done in the past, lost only in recent times, such as the faculty section, "The Cross Ray," and advertisements. Our hope was not only to display all of your portraits, but to also single out and honor those graduating seniors. In the end, we hope that you, the student body, will be proud of this publication and will someday appreciate our attempt to link you to some of your fondest memories here and to much of the history of our alma mater.

Patrick H. Sweet, III
Editor-in-Chief
Medicine 2006

Jennifer L. Nguyen
Assistant Editor-in-Chief
Medicine 2008

Anish A. Shah
Photography Editor
Medicine 2006

Denise G. Canonizado
Literary Editor
Medicine 2008

Peter T. Nguyen
Graphics Editor
Medicine 2008
CENTENNIAL CLASS RISE FROM RANKS DISCUSSED

Worried As Frosh, Weary As Seniors

Four years ago an odd 150 or so youths decided upon the undertakings in medicine, dentistry, pharmacy and nursing (3 years). Since the initial day when McCrawley managed to inveigle some of you bottles of Scotch out of a few hundred dollars, you have never ceased to forgive a greenback. Faithful alumni succeeded nobly in instilling the same tough old grind. Graduates pharmacists, professional by now in hierarchy, soda jerking, and drug dispensing, tell sad tales to farmers endeavoring to become pharmacists. The tricks and the trials of a sombre existence in the freshman year were at times fathomable only because a couple of hundred brains were stubborn. Cadavers, assumed importance and these unsuspecting humans provided the necessary playground for scalps, forceps and blunt dissecting fingers.

I've been known to speculate on the reasons for this people being called medics. Some say they do it for the money but I doubt it. Many years ago there was a man who was a medic and had a heart attack. He lived through it and then decided to become a medic. Ever since then, I've been known to wonder about the motives of those who become medics.

(Continued on page two)

AUTOBIOGRAPHY OF A TERATOMA

Of all the mixed up things on earth I'm chosen the last, for utility and worth.

My eyes were strangled amid all the rush.

My lips just failed me and so I was hush.

I've lost my kidneys, misplaced my teeth—

I'm so disarranged, I'm indiscreeet.

My sundry pieces all botted and mixed,

Are scattered all over, I certainly was fixed!

I am almost toothless—sure they're solid and sane;

But somewhere in the literature, there's a caviar just the same!

I found my teeth mingled up with my brain.

An 'lungs an' liver . . . like it was hit by a train!

Discovered bits of stomach, how, I couldn't see,

'Cause they stayed away where my neck should be!

I've cursed an' sworn at the blasted blomsterme,

For mewing me up, oh I'd like to choke him here!

Thoughts were fine to . . . A Greta Garbo be . . .

But nobody can do what no eyes can see!

I'm scattered and strewn in discarded disgrace,

I'm hick-de-pickle-de all over the place!

When first I visioned my dastard plight,

I cursed at the pieces, for once I was right!

Thought a maiden I'd be . . . but a man I insist

But the hell of it is . . . I'm a deformed cyst!

Now a brain cell here and a lung cell there . . .

(Continued on page three)

DR. LOBAR P. NEUMONIA EXPLAINS NEW PHYSICAL DIAGNOSIS METHODS

In an auditorium filled to capacity, with Sophomores crowding out all available, standing room, Dr. Lobar P. Neumonia, noted diagnostician and chest specialist, addressed the M. C. V. student body and faculty.

Dr. Neumonia, a graduate of the Hannun School of Diagnos-

sis, received his post-graduate training at the Ushomie Hospital in Missouri. During his years he devoted all his energy to the French Front. His work is the topic of every progressive student.

The methods of physical diagnosis, as outlined by Dr. Neumonia, are, to say the least, revolutionary. At the same time, it must be said in fairness to the students at M. C. V. that at least the present Sophomores have anticipated this great work and have shown definite tendencies in the direction of this new and improved method of diagnosis.

Briefly, the secret of success in the diagnosis of any disease lies in the development of a super-sense. In order to accomplish this, the student must train himself for years. The first essential is to get a divorce of the common ordinary live senses we are supposed to have (divorces at student discount rates can be had in Reno) from the atmosphere of the diagnostic room. In order to aid the novice, a natty blue scarf folded thrice upon itself is secured around the eyes by means of fifty-luffy-diaper-pins. A clamp or clothespin is then applied to the nose; divers plugs do very well to shut off the menialora tympanum from the ethereal vibrations. Nothing need be done really about the gustatory sense. The hands are protected by a pair of heavy gloves—preferably such as are ordinarily seen in a fluorescroscope room. The examiner is now ready for the patient. For best results, the patient should be placed in a room as far removed from the consulting room as possible. It adds greatly to the patient's peace of mind and comfort.

A system of weights and currents and telephones connects the consulting room with that of the patient. The examiner now attaches a small instrument to the mastoid process of his left ear and, through his phone, instructs the patient to tell his story. Of course the doctor factor cannot hear what the patient is saying, but that little gadget on his left mastoid con. The

Wed. 100

HEART DISEASE IS DISCUSSED

Those morbid creatures who read the obituary column in J . B M. I have probably been impressed with the frequency with which "Heart Disease," "Coro-

nary Arteriosclerosis," "Hypertension," and "Myocardial Infarc-

tion" appear as the cause of death among physicians. We have tried to determine the cause for the frequent appearance of heart disease in this noble profession. The literature has helped us but little. Being noble! If Seniors now, however, very old and very wise, we think we can explain this high morbidity. We personally feel quite confident that our theory is right.

It has often been said by learned men that worry and care predispose to hypertension and heart disease. Of course, everyone worries and cares these days. But let us consider the evolution of the medic's troubles. You will soon agree with us wholeheartedly—unless you are a medic and have no heart left.

Our story goes back to dear old high school days. You just came proudly off the platform following graduation exercises. Mother and Sister and Grandmother and Cousin Cara are all there, those hands red from unnecessary applause, and all insist on kissing you—also unnecessarily. You get home, and when the evening Father takes you to his office to have a heart-to-heart, or man-to-man talk with you. "Of course you are going on to college, John. Time flies; before very long you will be back here and take over my practice." Your heart sinks—you are just sixteen, and you look around Pater's library—all these incomprehensible rows of unintelligible print! But there is still hope!

College is not as much fun for you as it is for Bill. While Bill plays football and becomes the idol of every campus queen, you spend your time with flasks, crutches, impossibly small weights and odorous bottles. But somehow the years pass and you are a Senior. Your record in college is not too worse—you wish for home. You begin your Senior year with an extensive correspondence, and without knowing why, you are excited. Good schools, boys, two-year schools, and four-year schools, and town and out of town—all receive requests for

(Turn to page 4, column 2)
MCV’s Intramural Flag Football Team Beats The College of William & Mary’s Varsity Football Squad

For the 2nd Time in History MCV Beats W&M at Scrimmage Invitational

JIM SOX

MCV Team Captain, Andrew Bogle, noted, “We went into this game with nothing to lose, and, guess what, we won.” Linebacker and All American Medical Student, Aaron Stike, agreed with Bogle’s claim and went on to say, “We had heard that W&M was terrible at football, but we did not know that they were that bad.” This game came after a long dead rivalry between MCV & W&M. The last time the two teams met was in 1932 where the then underdog MCV beat the Tribe.

Students from MCV broke out into the College Song after the event. It was visible reminder of the durable MCV Campus spirit. In honor of the accomplishment the Medical Center Bookstore agreed it would lift its policy on MCV paraphernalia. General Manager, Mrs. Paige Turner, said, “Although MCV paraphernalia is normally not available at the Medical Center, we thought this momentous occasion was an appropriate opportunity to reward the students.” WINNERS continued on C5

Larrick Center Suspected to have Extraterrestrial Origins

Leaders from the Worldwide Observation of the Weird UFO Chapter (WOW UFO) Met University Leaders About the “Flying Saucer” Looking Building

NORMA LEIGH LUCID

WOW UFO Spokesman, Dr. Spock, claims they have conclusive proof that the Larrick Student Center is really a deconstructed spaceship. University Vice President for the Paranormal, Dr. Peter Venkman, commented, “We can neither confirm nor deny that the Larrick Student Center is constructed from any extraterrestrial materials either from within our solar system or from without.” Concerned by VCU’s response, the MCV Student Government is commissioning a study by Dr. Egon Spengler of the famed Paranormal Studies Institute at Columbia University. Dr. Spengler said, “I would like to disassemble the Larrick Center not just because it looks like it is from outer space, but to understand the genius of an architect that could build such a thing.”

GHOSTBUSTERS continued on A9

Monroe Park and MCV Campuses to Start New Online Dating Service

After Failed Mixers Between Schools on the MCV Campus a New Program is Offered

ANITA MANDALAY

Many students have been feeling particularly frustrated in the dating department. The new online dating service should solve much of the dating woes found at MCV. With the recent fiasco at the Nursing School & Medical School mixer, where medical students said the nurses were “too uppy” and the nursing students said the medical students acted like they were “God’s gift to the earth.” the program is expected to be a great success. This also comes after another failed mixer between the Dental School and Pharmacy School where the Pharmacy students kept giving the Dental Students mind altering drugs and the future Dentists kept saying the future Pharmacists had “poor dentition.”

The new dating service is expected to mimic many of the other dating services like Match.com and E-Harmony. VCU Vice President for Student Copulation, Dr. H. Heffner, stated he had received numerous complaints about the issue. In response this new program was created. It will offer added features compared to the other online dating services. There will be a section in the personal profiles for MCV students that lists a difficult to define, yet important quality. Money Earning Potential (MEP). Dr. Heffner believes this will help undergrads in selecting the type of professional they would like to date at the MCV Campus. Likewise, there will be a section in the personal profiles of the undergraduates that lists type and location of tattoos and piercings, goth or non-goth status, and most importantly, membership status in fraternities and sororities. Many hope this program will relieve much of the sexual frustration found at MCV.

SEXUAL HEALING continued on D3
Report: Aspirin Taken Daily With Bottle Of Bourbon Reduces Awareness Of Heart Attacks

Article Compliments of the Onion, Inc. © 2006

Bud Weiser
PHILADELPHIA—In a medical breakthrough that should come as welcome news for millions of at-risk Americans, University of Pennsylvania cardiologists announced Tuesday that taking one aspirin tablet and a fifth of bourbon daily can “significantly reduce” an individual’s awareness of heart attacks.

“This study represents a major victory in the fight against heart disease, America’s number-one killer,” said Dr. Arthur Katzef, head of the University of Pennsylvania team. “Each year, more than two million Americans clutch their chests in terror and say, ‘Oh my gosh! I’m having a heart attack!’ But with this new aspirin-bourbon treatment, future heart attacks should be much less traumatic.”

According to Katzef, test subjects who were administered a single aspirin tablet in the morning, followed by a fifth of bonded Kentucky bourbon over the next several hours, were 85 percent less likely to realize they were having a heart attack than subjects who did not take aspirin with bourbon.

Americans are excited about the findings. “My four heart attacks have all been hellish,” said Ronald Diering, an Evansville, IN, auto mechanic. “I was aware of everything that was happening, and I was gripped by the fear that I was going to die. But with this new aspirin-bourbon treatment, future heart attacks should be much less traumatic.”

“Who wants to spend what could be their last moments on Earth in terror?” said Alex Broadhurst of San Jose, CA. “Better to enjoy another bourbon and lie on the floor waiting for the ambulance to show up.”

University of Pennsylvania researchers said individuals who take aspirin and bourbon in the prevention of heart attacks may experience certain side effects, including slurred speech, impaired vision, and vomiting. Upon waking up from a heart attack, researchers said, there is also a chance of having “a wicked hangover.” In such cases, individuals are strongly advised to avoid bright lights and to not move around too much.

FDA Approves Sale Of Prescription Placebo

Article Compliments of the Onion, Inc. © 2006

Molly Keuhl
WASHINGTON, DC—Placebo gained approval for prescription use from the Food and Drug Administration. “For years, scientists have been aware of the effectiveness of placebo in treating a surprisingly wide range of conditions,” said Dr. Jonathan Bergen of the FDA’s Center for Drug Evaluation and Research. “It was time to provide doctors with this often highly effective option.”

Administration Responds to Parking Woes

Egyptian Building To Be Demolished

Rex Easley

VCU Vice President for Parking and Urban Sprawl, Dr. Metermaid, announced they were looking for a new site for a parking deck. An online SGA Poll, which has been shown to be a very effective measure of student opinion, determined with a response rate of 10% that most students thought the Egyptian Building to be outmoded and ugly. With these data in hand, SGA and VCU are working to build a state-of-the-art parking structure that will serve all the needs of the Medical Center. TICKETS continued on B3

VCU Medical Center Offers New Healthy Food Options

Chris P. Bacon and Pepe Roni

In response to repeated calls for healthier food, the Administration for the Health System has decided to close and expand on existing dining facilities. First to go will be Alpine Bagel. It will be replaced by Kentucky Fried Chicken and Arby’s. Other plans are underway to expand on the existing McDonald’s facilities. The general manager believes that maybe a sideline dedicated to Big Macs could fast track customers who demand the taste delight.

VCU Vice President for Student Nutrition & Obesity, Colonel Sanders, believed this move could go either way depending on the demand for these kinds of venues. He said, “If people frequent these places then this would be a good opportunity for students and faculty to become obese like many of their patients. I believe this would offer a new way for professionals and future professionals to empathize with their patients.” HEART ATTACK continued on A6

VCU May Change Name of VCU

After National Media Confuses Virginia Commonwealth University (VCU) with Virginia Union University (VUU) the BOV Considers Option

Warren Place

An article in US News & World Reports recently confused VCU with VUU in a story about VCU’s new program in Homeland Security. This underscores issues that VCU has had in the past with getting recognition for accomplishments. VCU Vice President for Problem Solving, Mr. Richard Sly, noted that this was not a new issue for VCU. He went on to say, “We believe our past experience with getting rid of names and creating new ones solves the issue of improper branding in the media. The goal is to stay ahead of the media so that they will never actually know what our name is. We are considering the new name of the Unspecified University in Richmond, Virginia.” NAME Continued on A7

The New Medicare Drug Card

The government unveiled a Medicare prescription drug discount card last week. What are some of the card’s features?

- Cardholders save 11 to 17 percent off the average wholesale price of prescription drugs.
- Each generic drug purchase earns points toward a Medicare windbreaker or cape.
- Personal ID number prevents card from falling into hands of roo-good young Hollywood star who will use it for God knows what.
- Fine print states that if an uninsured individual’s annual income is not more than $12,569, it’s really a shame.
- All cardholders eligible for free one-time-only sleeping pill overdose.
- Front of card lists known drug allergies; back has pentagonal image of St. Petter and the Lord’s Prayer.
- With eight stamps to card, user gets one 0.5 mg Klonopin or side salad free.

The long-awaited approval will allow pharmaceutical companies to market placebo in pill and liquid form with dose ranging from 1 to 40,000 milligrams.

Pain suffer Margerite Kohler comments, “For years, I battled with strange headaches that surfaced during times of stress.” Kohler said, “Doctors repeatedly turned me away empty-handed, or suggested that I try an over-the-counter pain reliever—as if that would be strong enough. Finally, I heard about Sucrosa. They said, ‘This will work,’ and it worked. The headaches are gone.”

Researchers diagnosed Kohler with Random Occasional Nonspecific Pain and Discomfort Disorder (RONPDD), a minor but surprisingly pervasive medical condition that strikes otherwise healthy adults.

GlaxoSmithKline expects to have a version of the placebo on the shelves in late December called Inerita and Eli Lilly plans a $3 million marketing campaign for its 400-milligram tablet, Pacifex.

“All placebos are not the same,” Eli Lilly spokesman Giles French said. “Pacifex is the only placebo that’s green and shaped like a triangle. Pacifex: A doctor gave it to you.”
In presenting this edition of the X-Ray, we wish to express our sincerest appreciation and thanks to all of those who have made possible the successful completion of this volume and especially to the following, in no particular order:

Barbara Payton, Kenny Wong, Constantine Franz Michaelides, Jodi Koste, Dr. Young, all the SGA leaders, Meredith Bryk, Dean Reinders, Sukhmani Sarao, J. Patrick Powell, Bradford Allen, Lanetta Presley, Janet Mundie, Louise Mitchell, Monica White, Courtney Zadell, Ida Trice, Meghana Gowda, Alumni Association, James P. Neifeld, Jerry Quirk, Tonnie Peoples, Hannah Cherian, Tony Nguyen, Jason Baranowski, and faculty that submitted photos.

Most importantly, we would also like to thank the student body for contributing the funds that made this yearbook possible.

This list is in no way includes all the people necessary to make this book possible. Therefore, for those not mentioned, you are deeply appreciated.

The following works were also instrumental in making this book possible:

Blanton, Wyndham B. *Medicine in Virginia in the Nineteenth Century.*
Caravati, Charles M., M.D. *Medicine in Richmond, 1900-1975.*
Dabney, Virginius. *Virginia Commonwealth University: A Sesquicentennial History.*
Medical College of Virginia. *The First 125 Years of the Medical College of Virginia.*
Carruth, Ricki. *Medical College of Virginia Story.*

Finally, the staff has a few personal favorites and would also like to thank the following:


The X-Ray Yearbook Staff
As I reflect back on this year as Editor-in-Chief, I am amazed at how the theme, “Then and Now,” can be applied not only to the yearbook but to my collective experiences here at MCV. It has been a long haul. From those first fearful days in medical school to my now bright future in Navy surgery at San Diego, I am amazed at what an eventful and surprising experience it was.

I am not alone. MCV has molded young men and women for the last one hundred and sixty eight years from barely mature youth to responsible professionals who care for others. This same mission continues today.

At the completion of this volume, it is my sincerest hope that current students may read this and feel a sense of pride for having been a part of the Medical College of Virginia. From a Nobel Laureate to pioneers in transplantation, the faculty and alumni of this institution can be rivaled by few other places in the country. As she becomes less MCV and more VCU, it is incumbent upon all of us to preserve the Campus’s fine history and accomplishments.

My staff and I present to you not only a panorama of the events of 2005-2006, but many of the events of MCV’s history. So, wherever your profession leads you, we hope this volume can stay with you as a reminder of what was your MCV experience, and what it has been for generations before you.

Patrick Sweet III
Editor-in-Chief of The X-Ray
The closer you live to a city's heart, the more you feel its pulse

The Overlook is Richmond's newest neighborhood, and the city's most sought-after address. On the banks of the James River, it's within walking distance to Belle Isle, VCU, and all the excitement and culture that thrives downtown. With contemporary floor plans, optional garages, and luxury finishes, this is the urban living at its very best.

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Megan Shaw

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From: Your Family

Tiffany Matthews

Congratulations on your successful completion of Medical School. We are so proud of you! Always remember that nothing is impossible if you believe.

Love,
Mom & Dad

“Lord, deliver me from the man who never makes a mistake, and also from the man who makes the same mistake twice”

–Dr. William J. Mayo

Congratulations, Brian!
Love,
Mom, Louise, Kevin, Becky, & Adelaide!

Barbara Simpson

To our talented and brilliant daughter Barbara who has been such a joy for her mother and father. This graduation is another one of the proud moments that we have shared, and our only sadness is that her mother is not here to enjoy it. We do know that her mom is here in spirit.
In Honor of

RANA DENISE GRAHAM

a May 2006 Doctor of Dental Surgery (DDS) Candidate at MCV.

“Congratulations on completing the DDS requirements.”

Rana, you completed all the hard work but know that you inspired us too as we cheered for you along the way.

WE ARE SO PROUD OF YOU!

From the Graham and Anderson families, and the spirits of Granny, Pop, Pop’s, and Grandma who we know are equally proud.
Chris Gebert

We are so very proud of you for choosing Medicine as a way to help the sick and dying. We wish you success and happiness for many years to come. There is an old Chinese Proverb: Knowledge, is like a boundless sea, but diligence is the way to reach the shore. Keep on learning and helping others.

Love, Mom and Dad

“Your children are not your children. They are the sons and daughters of life’s longing for itself. They come through you but not from you, and though they are with you, yet they belong not to you. You may give them your love, but not your thoughts. You may house their bodies but not their souls, for their souls dwell in the house of tomorrow, which you cannot visit, not even in your dreams.” -Khalil Gibran, The Prophet

You are an amazing young woman. We love you.

Mom, Dad, Lindsay, Nicholas and Noah.

Ashley:
You are truly a blessing from above! We could not be more proud of you and all that you have accomplished. You are a beautiful young woman inside and out, and you will make a fantastic doctor!!

Our love to you-
Mom, Dad, and Lindsay

Andrew Farland

Finally! We always knew you could do it! Here’s to a bright future for you and Sandra.

Mom, Dad, & Joe

CHRISTOPHER D. KENNEY, Ph.D.

The road has been long.
You have stayed the course.
We are certain you will succeed in any path you choose to follow.

Congratulations!

Love,
Dad, Val, Jonathan, Matt, and Jack
GARETT WILLIAMS

CONGRATULATIONS ON A STELLAR PERFORMANCE

Your loving family

From unpretentious beginnings

Garett grew into a Super Hero

Searched for life’s secrets

Found true love

And chartered a medical career that embraces the proverb, “What we do for ourselves dies with us, what we do for others lives on.”
Jayant P. Talreja:
You have honored us by pursuing Medicine as your career.
Our best wishes to you always.
From, your Parents

Stacie Leigh Schneider:
To the hard work and dedication that you have put into this ride. Never lose your compassion and love for your work.

CONGRATULATIONS!
A DREAM COME TRUE!

All our love,
Mom & Dad
Carole, Ken,
Grammy & Grandma
Jamill,
From the moment you were born, we’ve marveled at your strong, generous, exploratory, and determined self.
Your wings just get broader and stronger, and it is going to be a continuing source of pride and delight and astonishment not to mention your compliment to save the life of others in the most caring field of medicine, surgery. We know once beginning your field of discipline you will add milestones from the operation room to research. Your strength is determination and guidance is God. You continue to amaze us when gaining strength through those darkest moments by finding self worth and success. It is our chance to tell you again that we love and cherish you...and are so proud that you are our son.
All our love,
Mom and Dad.

COSTA MICHAELIDES

Congratulations and our best wishes!

Dr. and Mrs. Michael Michaelides

Joseph Zola

"The person who makes a success of living is the one who sees his goal steadily and aims for it unswervingly."
We are proud of your unswerving determination and dedication in medical school and wish that these qualities continue to guide you in your professional and personal goals.
Your loving family,
Joe, Joan, and Ginger

Pam Mickell:

Now you are not just playing doctor!

Congratulations. Love, Mom, Dad, Valerie, Jeremy, Jake & Pecker
Josh Karp,
You climbed a mountain,
Fوردed a stream,
Followed a rainbow.
Enjoy your dream!

Mazel tov and much love,
Mom & Dad, Aaron & Deborah

Dr. Jon Randall Frederick

Dear Son, In your life we have seen
boldness tempered with tenderness,
courage measured by kindness, and
compassion enhanced by love. You
have achieved much and we are
very, very proud. Now a new
chapter of your life begins, and
greater challenges await. May God
continue to bless you such that what
you have learned may take root and
bring forth abundant fruit.
We love you, Mom and Dad

The Junto would like
to congratulate its
Brothers who are
leaving the bosom of
this fine Medical
College to serve
Humanity from
all walks of life.

Life is short, the art is long, opportunity fleeting,
experience treacherous, judgement difficult-Hippocrates

Angie Strickland

Congratulations on all your hard work!

A dream that you have been working on since you were little, your family is
blessed to have you not only as a fine family member and friend but also as
a new professional in Medicine.

"In all these things we are more than conquerors through him who loved us” Romans 8-37.