



PULSE

PHILANTHROPY in ACTION at the
UNIVERSITY of VIRGINIA HEALTH SYSTEM



“Thank you for having faith, for believing in the dream, and for making the dream possible.”

Former UVA School of Nursing Dean
JEANETTE LANCASTER, R.N., PH.D., F.A.A.N.

Building For the Future

The Dedication of the Claude Moore Nursing Education Building

More than 350 faculty, students, alumni, and friends of the UVA School of Nursing gathered in September to celebrate the dedication of the Claude Moore Nursing Education Building. The ceremony was held on the terrace of McLeod Hall, directly across the street from the new 32,000-square-foot facility.

School of Nursing Dean Dorrie Fontaine, R.N., Ph.D., F.A.A.N., opened the ceremony by honoring her predecessor, Jeanette Lancaster, R.N., Ph.D., F.A.A.N., the visionary behind the building. UVA President John T. Casteen III also praised Lancaster for her unwavering commitment to the project, the School of Nursing’s first new building in 35 years.

Lancaster recognized all those who helped along the 16-year journey to making the building a reality. “Thank you for having faith, for believing in the dream, and for making the dream possible,” she said.

Faculty moved into the building in mid-summer, and the first classes were held in late August. The opening of the new building coincided with Lancaster’s stepping down from her role as dean of the School of Nursing, after 19 years at the helm.

After the ceremony, students and volunteers led tours of the Claude Moore Nursing Education Building. For many nursing alumni and friends, it was the first glimpse inside the new facility. Attendees were impressed with the building’s large wall of windows that infuse the building with natural light.

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Health System Charts Bold Course

At the UVA Medical Center, an ornate compass rose is set in the floor of the front lobby. Many of the patients and visitors who enter the hospital each year do not know the symbol recognizes the efforts of a group of benefactors who are helping chart the course of healthcare at UVA.



The Compass Rose Society is the Health System's most prestigious donor society whose lifetime gifts of \$250,000 or more have advanced the Schools of Medicine and Nursing and programs across the Medical Center. In October, members of the society came together to meet with the new deans of the School of Medicine and Nursing—Steven DeKosky, M.D., and Dorrie Fontaine, R.N., Ph.D., F.A.A.N.—and the CEO of the Medical Center, R. Edward Howell.

Their lively discussion hit upon the familiar notes of collaboration and innovation that have helped set the Health System apart from other institutions. The new deans talked about their background in healthcare, their hopes for the future, and how the UVA Health System will help answer the challenges of 21st-century medicine. CEO Howell provided an overview of the Campaign for Health and discussed the role UVA will play in answering the challenges facing the U.S. healthcare system.

“We are indebted to the members of the Compass Rose Society,” says Karen Rendleman, UVA Health Foundation executive director, “whose generosity, commitment, and spirit have made an indelible impact on the UVA Health System. Their continued support speeds critical initiatives that are improving human health, today and in the future.”

PULSE Goes Digital

Want to learn more about the UVA Health System and the groundbreaking work taking place in our labs, clinics, and classrooms? Then sign up for PULSE Online. Delivered twice a year to your inbox, this e-mail newsletter will keep you informed about what's going on at UVA. To subscribe, just send your name and e-mail address to pulse@virginia.edu. Then look for your first issue this spring.

A Time of Transition, an Opportunity for Unprecedented Growth

This is a tremendous time of positive transition throughout the University, as five new deans took office in 2008. The effect is being felt across Grounds, especially here in the Health System as we welcomed Deans Dorrie Fontaine and Steven DeKosky to our schools of nursing and medicine.



For nursing and medical students returning to the University this fall, not only new deans but—for the nursing students—a new home awaited them. Medical students watched as the groundwork was laid for their own new building, slated to open in 2010.

These buildings are more than bricks and mortar. They will give our people the resources and space they need to advance medicine. They represent unrivaled potential, a potential made possible through the dedication and generosity of many people.

Even in uncertain economic times, it's comforting to know that the UVA Health System is building for the future. Your past support has been an investment in the search for answers—on how disease starts, how best to treat it, and how to cure it. You have helped deserving students enter the University regardless of financial circumstances, and allowed us to recruit and retain incredibly talented faculty. We can be proud of what we've accomplished together.

But we cannot rest on our laurels. Our leadership is developing a bold new vision for healthcare. With your continued support we can make this vision a reality.

With best regards,

Karen B. Rendleman
Executive Director, UVA Health Foundation
Associate Vice President, UVA Health System Development

Medical Simulation & the Art of Healing

Breaking New Ground in the UVA School of Medicine

A young medical student bends over his patient, trying to insert a breathing tube. He carefully extends the patient's head, trying to work the tube between the vocal cords and into the trachea. He labors to get it right. Meanwhile, the patient can't breathe; time is running out.

In real life, this scene could be a disaster. In this case, however, the patient is a computer simulator mannequin, and the student can simply start over—and practice until he gets it right.

More and more, medical simulation is becoming an indispensable training tool for new students and anyone trying to master new medical procedures. As the simulators become more sophisticated, their value only increases. They are becoming so important that an entire floor of the new Claude Moore Medical Education Building will be dedicated to simulation training. In this Medical Simulation Center, new learning techniques will be developed, tested, and evaluated to determine the very best approaches for educating the greatest variety of students.

“If our goal is to prepare highly skilled and versatile physicians, the UVA School of Medicine must be an innovator and leader in medical simulation,” says Keith Littlewood, M.D., co-medical director, UVA Medical Simulation Center. “This requires an investment in the latest and most effective teaching technology—and a commitment to judiciously evaluate and embrace new methodologies.”



UVA School of Medicine students can master life-saving procedures in a safe, controlled environment in the Medical Simulation Center.

The UVA School of Medicine seeks a total of \$5 million to fund medical simulation equipment and program development. For more information on the center, or how you can help, please call (800) 297-0102.

UVA Simulation Today

Today, UVA's simulation lab occupies five patient bays outfitted to simulate various emergency, surgical, and hospital ward environments. It includes emergency care simulators (adult and pediatric), a maternal and neonatal simulation system, and a variety of other simulation tools.

The UVA Medical Simulation Center is working to integrate simulation technologies across the entire undergraduate, graduate, and continuing medical education continuum. “The center's progress has exceeded our expectations,” says Elisabeth Wright, director of operations. “In 2008, we tripled the teaching hours and quintupled the educational encounters in the center over the previous year.”

A critical element of simulation training is interdisciplinary education, where nurses, doctors, and other healthcare professionals come together to learn. Moving forward, faculty at UVA will look for new opportunities to bring together medical and nursing students for team skills training.

The Future of UVA Medical Simulation

In 2010, with the opening of the new building, the center will move into 11,000 square feet of newly designed space. It will become a core hub for medical simulation, with new capabilities for transmitting real-

time simulations to large class settings, providing greater access to more diverse equipment, and enhancing the scope of use.

“The new Claude Moore Medical Education Building offers an unprecedented opportunity to expand the UVA Medical Simulation Center and to create an extraordinary learning program for UVA medical students,” says Mark Kirk, M.D., co-medical director. “We can help to shape the future of medical education, while creating a resource of utmost importance to future patients.”

Putting Children First

Barry and Bill Battle Building Takes Shape

For children with complex illnesses, going to their UVA doctors will soon get easier.

When the Barry and Bill Battle Building at UVA Children's Hospital is completed, children and their families will be able to see all the specialists they need in one place. Long a vision of a group of dedicated volunteers, this new facility is finally taking shape. The building will be designed to put children and families at the center of care.



As home to children's outpatient services, the Battle Building will include pediatric specialists, physical and occupational therapists, imaging and infusion areas, and more—all in a family-friendly setting. Today, children who visit various UVA specialty clinics may travel to as many as five different locations spread over three miles. In the new Battle Building, a child with spina bifida, for example, can find the clinics and services he or she needs—from physical and occupational therapy to nephrology, urology, neurosurgery, and rehabilitative engineering—all in one place.

"The Barry and Bill Battle Building will be an integral part of advancing UVA Children's Hospital's continuum and coordination of care," says R. Edward Howell, vice president and CEO of the UVA Medical Center. "This building will allow UVA Children's Hospital to further strengthen our commitment to the children and families of this community."



"Our annual outpatient visits exceed 100,000," adds Nancy McDaniel, M.D., medical director of UVA Children's Hospital. "For these children and families, the Battle Building will serve as a vital bridge between hospital and home."

A Bridge from Hospital to Home

The Barry and Bill Battle Building will also be physically linked to the University Hospital from its location on West Main Street through an enclosed, climate controlled link. This close proximity to the hospital promotes the essential collaboration of services and specialists, especially for children who may sometimes need acute care treatments in the hospital.

With 80,592 square feet of dedicated space, the Battle Building will include approximately 75 exam rooms (more than double the current outpatient space) on six floors. The basement level of the building will house an outpatient surgery center, which will have a dedicated entrance and waiting room for children. A portion of the ground floor facing West Main Street will include retail space, in accordance with city planning guidelines.

Neighborhoods of Care

Within the new Battle Building, architects are creating a unique neighborhood model for delivering care. These neighborhoods will be organized to bring related services and specialists together for the ease and convenience of families. The gastroenterology clinic, for example, will be grouped with

“For these children and families, the Battle Building will serve as a vital bridge between hospital and home.”

NANCY MCDANIEL, M.D.
Medical Director, UVA Children’s Hospital



Preliminary design concept

the nutrition program and feeding clinic. The musculoskeletal neighborhood will include orthopedics, physical and occupational therapy, the Gait Lab, prosthetics and orthotics, and developmental pediatrics—all typical services needed by a child with cerebral palsy.

To care for the greatest number of children, the neighborhoods will be multifunctional, housing different clinics throughout the week. Filled with caring nurses, physicians, therapists, and other children’s healthcare professionals, these neighborhoods will become warm, welcoming homes-away-from-home for many children. Here, in the Barry and Bill Battle Building, children and families will find comprehensive, family-centered care in a setting that is cheerful and welcoming—just what they need to promote health and healing outcomes.



Barry & Bill Battle

The naming of the building honors Barry and Bill Battle, longtime supporters of children’s health in Central Virginia. Before his death in 2008, Bill Battle served as chair of the Ivy Foundation of Charlottesville. In 2006, the foundation made a \$15 million lead gift for the building as part of an overall \$45 million gift to advance clinical care and research.

Barry Battle has been involved with UVA Children’s Hospital for more than 20 years. She chaired the Children’s Medical Center Committee when it was created in the 1980s, as well as the first Children’s Hospital Telethon.

“Breaking ground on this building will be the realization of a long-held dream for me,” says Barry Battle. “Over the years, I have met many families who credit UVA Children’s Hospital with saving their children’s lives. This new facility will extend that care in a warm, family-centered setting.”

\$18 Million Needed by December 2009

The total project cost for the new facility is estimated at \$117 million, with the UVA Medical Center pledging \$79 million and \$38 million needed in private support. To date, \$20 million in philanthropic support has already been raised, including a \$15 million gift from the Ivy Foundation, which named the building in honor of Barry and Bill Battle, longtime supporters of children’s healthcare. Additional gifts of \$18 million are needed by December 2009 in order to break ground on the Barry and Bill Battle Building in 2010.



Six floors connected to University Hospital via an enclosed link.

Estimated completion: 2013
Project cost: \$117 million

A volunteer steering committee is actively engaged in raising the additional funds. “The finish line is in sight, and now is the time for the community to come forward,” says Randl Shure, campaign steering committee chair and UVA Health Foundation board member. “For anyone wanting to make a difference in the lives of children fighting complex illnesses, this is a very special opportunity. Over the next 12 months, we will work with donors to make Barry and Bill’s vision for children’s healthcare a reality.”

The new building will include a number of prominent naming opportunities. Gifts at all levels are welcome and appreciated and will play a critical role in the construction of this vital community and state-wide resource for children and families. For more information or to make a gift, call Jeff Lamie, director of development for UVA Children’s Hospital at (800) 297-0102 or visit online at www.campaign.virginia.edu/supportuvachildrenshospital.

The Claude Moore Nursing Education Building

Continue from page 1.



Alumni, friends, and trustees from the Claude Moore Charitable Foundation gathered for the dedication of nursing's newest building.

Walking up and down the open stairway, which flanks these windows and spans all four floors, nursing alumni and friends also enjoyed the building's unique collection of donated artwork.

Meeting the Needs of Today and Tomorrow

The Claude Moore Nursing Education Building plays a key role in the school's plans to address the worsening shortage of nurses and nursing educators across the country. The building's much-needed classroom and graduate work space, and its seamless integration of the latest technologies, will help the School of Nursing reach its goal of increasing enrollment by as much as 25% over the next five years.

Large enough to accommodate the school's growth, the Claude Moore Nursing Education Building is also small enough to feel like a home for students. The building's design includes ample space for students to study, socialize, or just relax after their morning clinicals. A dedicated student organization workroom on the first floor gives groups like Nursing Students Without Borders and Nursing Student Council a place they can count on for monthly meetings and get-togethers.

The Role of Philanthropy

The building's naming honors one of UVA's most generous benefactors, Claude Moore, M.D. (Med '16). In 2006, the Claude Moore Charitable Foundation awarded the School of Nursing \$5 million—the largest single gift in the school's history—to support its expansion. This transformational gift, along with a large commitment from the Commonwealth of Virginia, made the new building possible, by meeting a significant portion of the building's cost, as well as motivating other donors to step forward.

Mark A. Sternheimer (A&S '50) was one of many who answered this call. His generous gift to the building was made in memory of his late wife, Anne Young Sternheimer (DIPL '50, BSNE '52). The first floor atrium and student life center now bear her name, a fitting tribute to a dedicated alumnus whose enthusiasm for the school was evident to all who knew her. In total, 19 spaces were named, forming a testament to the School of Nursing and the lives it has touched.

With the new building complete, the School of Nursing has the tools and space it needs to begin a new chapter in its history. This next chapter promises to be one of achievement and distinction, following in the footsteps of those who came before, and forging new paths into the future.

Focus Returns to McLeod Hall

Built in 1972, McLeod Hall has served as the hub of the UVA School of Nursing for more than 30 years. With the Claude Moore Nursing Education Building complete, plans for the long-awaited renovation of McLeod are underway, driven by input from nursing faculty and students. Fund raising for McLeod is in progress and renovations are slated to begin later this year. For more information call (434) 924-0138.

UVA Program Awards \$10 Million to Study Smoking-Related Diseases

Nine researchers at the University of Virginia were awarded a total of \$10 million over three years from the UVA Tobacco research Program to advance the study of diseases associated with smoking. This independent research program, created in 2007, awards funds provided by a generous gift from Philip Morris USA.

“There is incredible value in a partnership like this with the University of Virginia,” says Marty Barrington, executive vice president of Altria Group, the parent company of Philip Morris USA. “We are proud to support this important research.”



The UVA Tobacco Research Program will give researchers like Jay Fox, Ph.D., the resources they need to increase our understanding of smoking-related diseases.

Smoking is a leading cause of preventable death. Understanding the complex relationships between smoking and chronic disease is the first step to finding new treatments and cures.

“We have long understood that smoking causes extensive damage to our bodies. What has not been studied are the mechanisms by which smoking causes diseases such as lung cancer, chronic obstructive pulmonary disease (COPD), and emphysema,” says Erik Hewlett, M.D., senior associate dean for research at UVA. “Our researchers have chosen to focus on lung cancer, genetics, biomarkers, and the important relationships between smoking and inflammation in this first round of grants.”

One project is led by cancer researcher Jay Fox, Ph.D., and clinician Jennifer Harvey, M.D.. They are studying the relationship between cigarette smoking and breast cancer risks. Smoking, especially starting at a young age, has been identified as a possible risk factor for breast cancer. Fox and Harvey are investigating the chemical and structural differences between normal and dense breast tissue and the relationship between breast density and chronic inflammation, a condition linked to the progression of cancer.

“Women with denser breast tissue, as seen on a mammogram, have a higher risk of breast cancer,” explains Fox. “Unfortunately, dense breast tissue can also make it more difficult for physicians to spot problems on mammograms. We hope that by using tissue imaging and in-depth sample analysis we can better understand the molecular mechanisms associated with inflammation and breast density in the development of cancer.”

The Tobacco Research Program was designed to preserve the independence of UVA’s scientific research. An internal School of Medicine committee evaluates proposals and chooses the award recipients. The structure and administration of the grants program is overseen by an External Advisory Board of independent physician scientists.

“This innovative grant program lays the foundation for the understanding and treatment of smoking-related diseases,” explains Steven DeKosky, M.D., vice president and dean, UVA School of Medicine. “It gives our investigators the resources they need to objectively look at some of the core questions surrounding smoking-related diseases today, and how best to treat them in the future. We are grateful for Philip Morris USA’s support of this important endeavor.”

PULSE

PHILANTHROPY IN ACTION AT THE UNIVERSITY OF VIRGINIA HEALTH SYSTEM ■ WINTER 2009 ■ VOLUME 14, ISSUE 1



An Outpouring of Support. In September, more than 2,500 women participated in the Charlottesville Women's Four Miler. The race—now in its 26th year—raised more than \$320,000 to support the UVA Cancer Center's Breast Care Program.

Leadership Starts at Home

Throughout the Campaign for Health, we have seen extraordinary generosity by benefactors who believe in the mission of the UVA Health System. The Claude Moore Medical Education Building, in particular, has generated interest and support from alumni, and from departments within the Health System. This internal support is a hallmark of the University—a belief in collaboration and the enduring value of education.

We are grateful to the following departments for their leadership support for the medical education building:

Department of Anesthesiology
Department of Dermatology
Department of Plastic Surgery
Department of Surgery
Department Urology

TELETHON CELEBRATES 25TH YEAR

25th Annual UVA Children's Hospital Telethon
May 30 and 31, 2009

This year marks the 25th anniversary of the UVA Children's Hospital Telethon. Part of the celebration will focus on the Barry and Bill Battle Building and its critical role in expanding family-centered care at UVA Children's Hospital. The two-day, live broadcast will feature community children and local sponsors. There will be some new faces and also some old friends at the biggest and most exciting Telethon yet. Last year's Telethon raised \$1,669,435 for care of children in our community.

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Health System Development works on behalf of the Schools of Medicine and Nursing, the Medical Center, and the Claude Moore Health Sciences Library to raise private support for needs tied to the missions of the UVA Health System.

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Please write to us at our return address to remove your name from the list or to receive fund-raising materials supporting the UVA Health System.

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