

Cape Fear Valley Health is...



**The Center for Medical Education and Research
at Cape Fear Valley Health**

With your help, we will cultivate a new generation of physicians to enrich our communities with the services we need and the care we deserve.





A thriving community begins with access to quality healthcare for all its residents. When our children, our parents – all those near and dear to us – need medical attention, we want to know exceptional care is close at hand.

“The Residency Program is a real game changer for Cape Fear Valley Health and for this region. This program will help us meet the region’s healthcare needs for generations to come. The impact on our health system, our community, and our economy simply cannot be overstated.”

Mike Nagowski, CEO, Cape Fear Valley Health System

Cape Fear Valley Health – the leading healthcare provider for southeastern North Carolina – is launching a new initiative in a state-of-the-art center that will transform the landscape of healthcare for the six-county region we serve for generations to come. Through our Residency Program and our new Center for Medical Education and Research, Cape Fear Valley Health is caring for the future.

Our Residency Program will add significant numbers of new doctors to our region as it trains the healthcare professionals of tomorrow.

Now in its third year, the Residency Program – in conjunction with our academic partner, Campbell University’s Jerry M. Wallace School of Osteopathic Medicine – has already grown to include over 100 residents, and we are bursting at the seams. At full capacity, more than 300 residents will be on site, requiring additional space for offices, classrooms, lecture halls and simulation labs. With a home in the future Center for Medical Education and Research, the Residency Program will radically increase both the number of patients served each year and the quality of care they receive.

Additionally, the Center will have an enduring positive impact on the region’s economic development, creating hundreds of new jobs with salaries well above the regional median income – infusing new tax dollars and spending into our community, and increasing regional educational attainment levels.

With your help, we will cultivate a new generation of physicians to enrich our communities with the services we need, and the care we deserve.

We’re not just your healthcare provider for today. As a teaching hospital and burgeoning center for medical research, Cape Fear Valley Health is Caring for the Future.

“A great teaching hospital is a great learning hospital.”

Dr. Donald Maharty

VP, Graduate Medical Education at CFVH

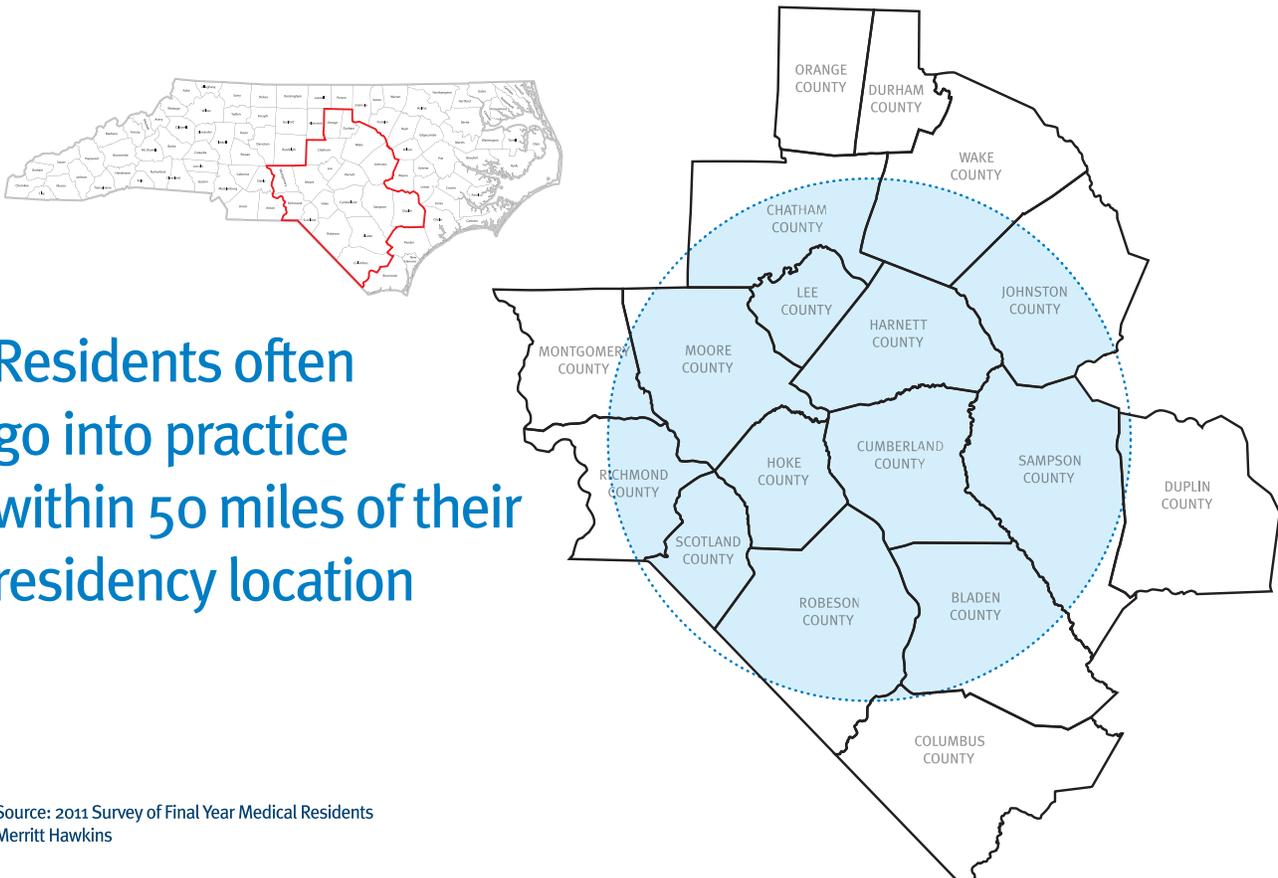
The Need – Physicians for the Future

North Carolina is facing a physician shortage. Fully 25 percent of counties in our state have no doctors specializing in Ob/Gyn, general surgery, pediatrics or psychiatry. Research indicates that by 2025, the U.S. could face a shortage of close to 90,000 doctors nationwide. At the same time, we know access to quality healthcare is a leading indicator of overall community vitality and wellbeing.

The Cape Fear Valley Health Residency Program expands our medical staff today, while providing a seamless transition from education to practice for the healthcare professionals who will serve our community in the years to come.

According to the Association of American Medical Colleges, 68 percent of doctors who complete all their training in one state end up practicing there. More than half of all physicians go into practice within 50 miles of where they do their residency. One of the best things we can do to ensure our region attracts and retains the top-notch physicians we'll need in the future is to provide a robust center for education and training as they begin their careers.

We also know a great teaching hospital is a great learning hospital – the kind of hospital that never stops asking questions and sharpening its skills. Isn't that the kind of hospital we all want for our community?



Residents often go into practice within 50 miles of their residency location



25% of North Carolina counties do not have OB/Gyns, General Surgeons, Pediatricians, or Psychiatrists.



We are taking a direct, hands-on approach to address physician shortages across our region by becoming a teaching hospital, creating a supply chain to serve future generations.

Current Residencies: Cape Fear Valley Health Facilities

	2017	2018	2019	2020	2021	2022
Internal Medicine (45)	15	30	45	45	45	45
Emergency Medicine (32)	8	16	24	32	32	32
Transitional (13)	5	13	13	13	13	13
General Surgery (15)	4	7	10	13	15	15
Obstetrics/Gyn (16)	4	8	12	16	16	16
Psychiatry (16)		4	8	12	16	16
Pharmacy (7)	7	7	7	7	7	7
Totals (Residents Only)	43	85	119	138	144	144
Medical Students	110	110	110	110	110	110
Totals	153	195	229	248	254	254

Residency Program and Center for Medical Education and Research

Cape Fear Valley Health's Residency Program will be implemented in two phases, with Phase One residencies as the primary focus in 2017-2020. In addition to the estimated 300 medical residents, the program will also provide training for an estimated 100 medical students from Campbell University who will do their rotations at Cape Fear Valley Health.

In Phase Two, additional residency areas will be integrated, potentially including anesthesiology, orthopedics, neurology, ENT, and more. Additionally, we hope to begin offering Fellowships, such as cardiology and critical care, to support more focused areas of specialization.

One of the further benefits of becoming a teaching hospital is that we can attract a higher caliber of physicians to work with us – physicians with a desire to pass along their knowledge and experience, while also treating patients with excellent care.

The Center for Medical Education and Research will be located on the medical center campus, just north of the Cape Fear Valley Cancer Treatment and CyberKnife Center.

The first floor of the five-story edifice will house an auditorium that seats 500 – large enough to accommodate the full program of residents, medical students, and faculty members. This flexible space can also be divided into smaller units suitable for specialty lectures, workshops and seminars.

The second and third floors will house faculty and chief resident offices, resident lounge, small classrooms and a state-of-the-art simulation lab. The simulation lab will provide residents with opportunities for hands-on, applied learning, utilizing responsive mannequins and sophisticated digital technology replicating real-world medical scenarios.

Cape Fear Valley Health's Neuroscience Institute will also be located within the center, on the fifth floor, providing the department with desperately needed room for growth, as well as a vital training opportunity for residents. The fourth floor will be shelled out, but not immediately occupied, providing Cape Fear Valley Health room for strategic growth.



\$57.9 million

The projected annual economic impact of the Residency Program on spending and employment (across the state, including alumni spending and employment)



Cape Fear Valley Health's new Center for Medical Education and Research will add approximately 115,000 square feet of space to our operations – providing an excellent training facility for our medical residents and attracting high caliber physician instructors from around the country.

Floor 1: Auditorium with seating for 500 and high-quality video technology; this flexible space can be modified to create three smaller conference rooms, each with audio-visual capabilities. The first floor will also feature a bright and inviting food court with commercial food options and indoor/outdoor seating.

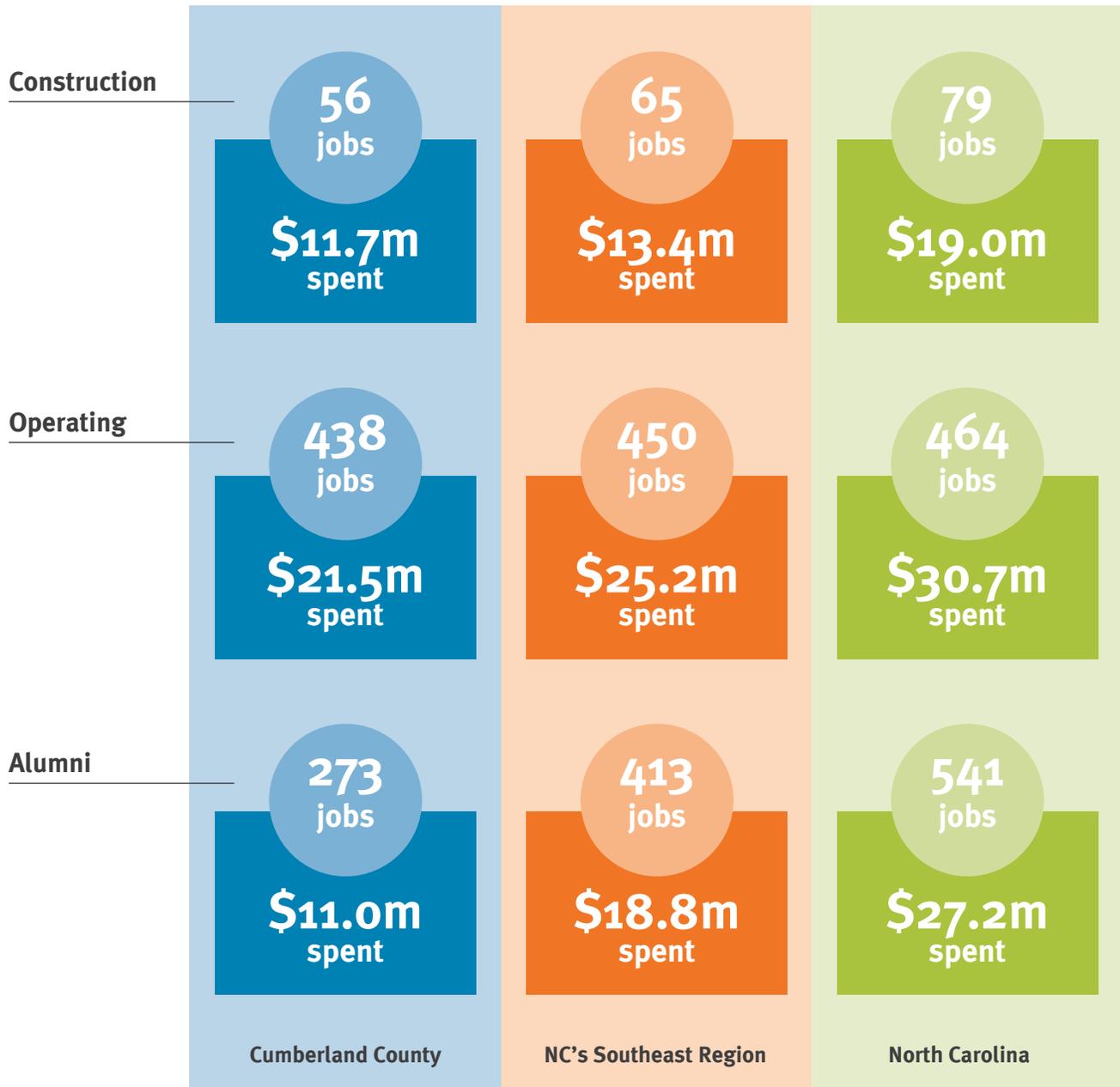
Floor 2: Large board room to seat 50, multiple classrooms and teleconference rooms, office space for Residency Program faculty and administration.

Floor 3: State-of-the-art Simulation Center to provide medical residents hands-on training in surgery, emergency/trauma treatment, obstetrics, neonatology, intensive care and more. This floor will also contain a resident lounge, study and exercise area, and space for future growth.

Floor 4: Space for future growth

Floor 5: Neuroscience Institute, including physician offices, exam rooms, nurses' stations and patient waiting area. This floor also contains space for future growth.

Residency Program and Center for Medical Education and Research Economic Impact



- All projections include direct, indirect and induced figures, and full-time and part-time employment.
- From a 2015 study, *Economic Impact of a Residency Program at Cape Fear Valley Health System*, conducted by Walden Economic Consulting

Outcomes

Improved access to care and improved health outcomes are the ultimate measures of the value of any changes to a healthcare system. We know the influx of medical residents into our healthcare system will improve access from the very start, even before those residents complete the program. That access factor is multiplied for each resident who then chooses to stay in the region following completion of their residency.

Studies have also shown that health outcomes are statistically higher in the areas immediately surrounding a teaching hospital. Increased access and improved health do more than contribute to the quality of life for individuals and families; they also act as an economic engine locally and regionally. Improved health contributes to the productivity of the economy. It is estimated that chronic diseases and illnesses cost the North Carolina economy \$31 billion annually in lost worktime and output.

Of the many measures of health conditions, perhaps the most prominent is the death rate. According to an analysis by the American College of Physicians, the addition of a single primary care physician per 10,000 population in an area results in 3.5 fewer deaths per year.

This ratio was applied to the expected location of the Residency Program graduates in North Carolina. The finding was that annual deaths would fall by 14 in Cumberland County, with an additional reduction of 5 deaths in North Carolina's Southeast Region, and an additional reduction of one death elsewhere in the State, for a total reduction of 20 deaths per year in North Carolina.

The economic benefits of the Residency Program are also significant. The annual spending and employment impact of the Residency Program is projected at \$21.5 million and the equivalent of 438 jobs just within Cumberland County. This does not include the economic spending or job impact of the building construction or the eventual spending and employment impact of Residency Program alumni who stay in the region.*

Project Costs and Campaign Goal

With generous support from Campbell University, The Duke Endowment, the Thomas R. and Elizabeth E. McLean Foundation, the Cape Fear Valley Volunteer Auxiliary, and other funders, we have already secured more than 75 percent of the approximately \$30 million needed to construct the center and make the Residency Program fully operational.

Of the total amount required to complete the project, Cape Fear Valley Health Foundation anticipates raising \$3 million from individual donors, area businesses and local foundations. **Pledges can be paid over a period of up to five years. Naming opportunities are available.**

**From a 2015 study, Economic Impact of a Residency Program at Cape Fear Valley Health System, conducted by Walden Economic Consulting*



Exceptional Care – Today and Tomorrow

Over the past two decades, Cape Fear Valley Health has expanded the depth and breadth of its services and has been nationally recognized for quality:

- ▶ The Leapfrog Group Grade A for Patient Safety
- ▶ Healthgrades Top 100 Hospital for Cardiac Care and Coronary Intervention
- ▶ IBM Watson Top 50 Cardiovascular Hospital
- ▶ North Carolina Level Three Trauma Designation
- ▶ Level-IV Neonatal Intensive Care Unit (the highest level of NICU)
- ▶ Expansion of the Cancer Care Center and the addition of CyberKnife® technology
- ▶ Expansion of the Heart & Vascular Center and the addition of TAVR (transcatheter aortic valve replacement) technology
- ▶ Establishment of the Steven A. Cohen Military Family Clinic, offering comprehensive mental healthcare, at no or low-cost, to area veterans and their families
- ▶ Numerous other national accreditations and accolades across multiple service areas

Now, we're ready to take on new challenges by growing the next generation of doctors for our region, so our patients can access quality care, close to home.



Cape Fear Valley Medical Center earned a **HOSPITAL SAFETY GRADE 'A'** from The Leapfrog Group for hospital performance in patient safety, quality and resource utilization.



Cape Fear Valley Medical Center has been named **A TOP 50 Cardiovascular Hospital** for 2018 by IBM Watson, formerly Truven Health Analytics.



Making a Difference

Cape Fear Valley Health Foundation is the philanthropic arm of Cape Fear Valley Health. Like our fellow health systems around the country, with private community generosity, we provide our region with tens of millions of dollars of charity care each year. The following is just a small sampling of our benefit to the region we serve in southeastern North Carolina.

- ▶ Uncompensated care for uninsured and underinsured patients, including free mammograms for uninsured women
- ▶ Basic needs assistance for cancer patients in financial need
- ▶ Free community health screenings
- ▶ Community education including CPR training and information sessions on high blood pressure, diabetes, asthma, heart health, and more
- ▶ Nursing scholarships and continuing education support
- ▶ New equipment and technology the hospital could not otherwise afford, such as bacteria-resistant bassinets, patient transport carts, portable ultrasounds, simulation training mannequins, vein finders, blanket warmers, and other equipment and supplies throughout the hospital

Thanks to the generosity of our community, we continue to ensure access to quality care for all our neighbors, friends and family members.

“The true
meaning of life
is to plant
trees, under
whose shade
you do not
expect to sit.”

– Nelson Henderson

We invite you to join your fellow
community members, and invest in
Caring for the Future.

For more information,
contact Gifts Officer, Jamie Powell, at
jpowell2@capefearvalley.com
or 910-615-1358.



cfvfoundation.org