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A Message from the CEO

The rapid evolution of health care in the United States has our physicians, scientists, allied health professionals and staff working harder than ever to educate patients and their families about how to prevent and manage chronic diseases such as diabetes, obesity and hypertension.

This profound care commitment to patients and their families has deepened Wake Forest Baptist Medical Center’s ties to the communities we serve and the overall health of those who live here.

As an academic medical center, we bring a true multidisciplinary effort to fight these chronic health issues through leading-edge care, advanced technology, groundbreaking research and new product innovation. Let me share a few examples with you.

In 2014, we formed a new shared services company with two leading health systems—Vidant Health in Greenville and WakeMed Health & Hospitals in Raleigh. We believe this company will, among many benefits, help us with initiatives designed to improve care coordination at lower cost for patients.

Our latest building in Wake Forest Innovation Quarter, 525@Vine, opened in 2014 and is an exemplar of the public-private partnership we believe is required to advance health care and improve community health in the 21st century. The building’s tenants include:

- Wake Forest Baptist’s Division of Public Health Sciences, one of the leading departments in the country that studies how diseases affect the public.
- Wake Forest School of Medicine’s Department of Physician Assistant Studies, home to one of the nation’s top-ranked physician assistant programs.
- A branch of the YMCA of Northwest North Carolina, which gives downtown Winston-Salem a space for the public to get fit.
- Flywheel, an innovative shared space in which small businesses can have their own workspace while growing.
- Forsyth Tech @ Innovation Quarter, which trains 1,200 students a year and is home to a small business resource center.

In addition, in December 2014 we announced plans to create a $50 million medical education building in the Innovation Quarter that we expect to be ready to welcome medical students in July 2016. This state-of-the-art building will better prepare our students for the new models of care now being pioneered as they become the physicians of tomorrow.

We’re proud of the diversity of ideas Wake Forest Baptist is able to bring to the community to improve health, and hope you’ll enjoy reading more about some of these exciting efforts.

John D. McConnell, MD, CEO
Vision, Mission and Values

Our Vision
Wake Forest Baptist Medical Center is a preeminent, internationally recognized academic medical center of the highest quality, with balanced excellence in patient- and family-centered care, research and education.

Our Mission
Wake Forest Baptist Medical Center’s mission is to improve the health of our region, state and nation by:

• Generating and translating knowledge to prevent, diagnose and treat disease.
• Training leaders in health care and biomedical science.
• Serving as the premier health system in the region, with specific centers of excellence recognized as national and international care destinations.

Our Values
• Excellence—Demonstrate the highest standards of patient-centered care, education, research and operational effectiveness.
• Compassion—Responsive to the physical, emotional, spiritual and intellectual needs of all.
• Service—Cultivate selfless contribution for the greater good.
• Integrity—Demonstrate fairness, honesty, sincerity and accountability.
• Diversity—Honor individuality and protect the dignity of all.
• Collegiality—Foster mutual respect, facilitate professional growth and mentorship, and reward teamwork and collaboration.
• Innovation—Promote creativity to enhance discovery and the application of knowledge.

Our Patient and Family Promise
Wake Forest Baptist offers its patient promise to patients and their families no matter the situation or circumstance.

We will…
• Keep you safe.
• Care for you.
• Involve you and your family.
• Respect you and your time.
**Measures of Excellence**

Wake Forest Baptist Medical Center was ranked in 2015 by U.S. News & World Report among the nation’s best hospitals in four adult medicine areas: Cancer (17th), Nephrology (18th), Urology (28th), Ear, Nose & Throat (29th), Gastroenterology & GI Surgery (37th), Pulmonology (37th), and Neurology & Neurosurgery (46th). The Medical Center was named as High Performing in five additional specialties: Cardiology & Heart Surgery, Diabetes & Endocrinology, Geriatrics, Gynecology and Orthopaedics. The U.S. News ratings recognize Wake Forest Baptist as the No. 1 hospital in the Piedmont Triad region—no other area hospital earned a top-50 ranking—and No. 2 in North Carolina. Wake Forest Baptist also ranked the highest in North Carolina in Cancer and Gastroenterology. This is the 23rd consecutive year that Wake Forest Baptist has been ranked among the nation’s best hospitals by U.S. News & World Report.

In 2015, Brenner Children’s Hospital, part of Wake Forest Baptist Medical Center, was also ranked by U.S. News & World Report as one of America’s best children’s hospitals. It is nationally ranked in Orthopedics (#48).

Wake Forest Baptist Medical Center has received a Consumer Choice Award as the top-rated hospital in the Winston-Salem area every year since 1999. The awards are determined through surveys by the National Research Corp. on the basis of hospitals’ scores in multiple categories.

Wake Forest School of Medicine was recognized in U.S. News & World Report’s “2016 Best Medical Schools” list, placing 49th in the nation among research programs and 71st in primary care. The Medical School’s Physician Assistant program is ranked 9th in the country.

The Comprehensive Cancer Center is one of only three in North Carolina and 45 in the country to be designated as “comprehensive” by the National Cancer Institute. The center has continuously held the designation since it was initiated in 1991.

Wake Forest Baptist is one of 70 medical centers nationwide to be certified as a Comprehensive Stroke Center by The Joint Commission and the American Heart Association/American Stroke Association.

The Medical Center’s Nurse Anesthesia program was the first in the country and the second in the world to be accredited by the International Federation of Nurse Anesthetists.

The 2014 Best Doctors in America database includes 278 physicians from Wake Forest Baptist Medical Center. The list includes physicians in 33 specialties, 46 of whom are pediatric specialists at Brenner Children’s Hospital.

Medical Center nurses have been recognized since 1999 for quality patient- and family-centered care, nursing excellence and innovations in professional nursing practice through the American Nurses Credentialing Center’s Magnet Recognition Program®. The program provides patients with the ultimate benchmark to measure the quality of care that they can expect to receive.

The Medical Center is fully accredited by The Joint Commission, which surveys, accredits and certifies more than 15,000 health care organizations and programs in the U.S. and is recognized nationally as a symbol of quality that reflects an organization’s commitment to meeting performance standards.
About Wake Forest Baptist Medical Center

A focus on patient- and family-centered care

Since the founding of the medical school in 1902 and North Carolina Baptist Hospital in 1923, Wake Forest Baptist Medical Center has grown into a nationally recognized academic medical center, operating as an integrated enterprise of educational and research facilities, hospitals, clinics, diagnostic centers, and other primary and specialty care services.

With more than 12,500 employees, it is the largest employer in Forsyth County and provides health care services to a 24-county area in northwest North Carolina and southwest Virginia.

The main campus and additional locations in downtown Winston-Salem at Wake Forest Innovation Quarter encompass 173 buildings on 446 acres, delivering superb service with a proven record of outstanding achievement in education and research endeavors and patient- and family-centered care.

Its divisions are:

- **Wake Forest Baptist Health**, a regional clinical health system, anchored by an 885-bed, tertiary care hospital, community hospitals, and affiliated partners. The network encompasses the 144-bed Brenner Children’s Hospital and 148-bed Comprehensive Cancer Center on the main campus, the 94-bed Wake Forest Baptist Health Lexington Medical Center in Davidson County, and the 25-bed Davie Medical Center – Mocksville inpatient hospital and $89 million Davie Medical Center – Bermuda Run campus, both in Davie County. All told, Wake Forest Baptist operates two community hospitals in neighboring Davidson and Davie counties, two urgent care centers, four emergency departments, 25 primary care and 114 specialty clinics, 16 dialysis centers, and freestanding imaging and endoscopy centers. The Wake Forest Baptist Health staff includes more than 1,000 physicians, 2,500 registered nurses, 566 residents, 113 fellows and more than 1,500 other professional clinicians.

- **Wake Forest School of Medicine**, which is recognized as one of the nation’s best medical schools and a leading research center in the fields of regenerative medicine, cancer, neuroscience, aging, addiction and public health sciences. It ranks in the top third of institutions in the nation in funding by the National Institutes of Health.

- **Wake Forest Innovations**, which promotes the commercialization of Wake Forest’s research discoveries and operates Wake Forest Innovation Quarter, an urban district for research, business and education specializing in biotechnology, materials science and information technology.

Wake Forest Baptist clinical, research and educational programs have been ranked among the best in the country by U.S. News & World Report since 1993. Wake Forest Baptist also holds a Gold Seal of Approval from The Joint Commission, the independent organization that accredits and certifies health care organizations and programs in the United States.

For detailed information about Wake Forest Baptist Medical Center, visit [WakeHealth.edu](http://WakeHealth.edu).
Transformational Initiatives

Across the nation, health care is changing. Medical practitioners who are not doctors are providing patient care. Many medical procedures allow patients to go home the same day. As populations age, more people find they need additional services to help them in the transition from care facility to home. Determining how to improve delivery of this care while keeping costs down is accomplished through new models of health care.

• Wake Forest Baptist has entered into a strategic affiliation agreement with Cornerstone Health Care, P.A. through its wholly owned management services organization, Cornerstone Health Enablement Strategic Solutions, LLC (CHESS). The goal of the affiliation is to operate as an Accountable Care Organization and bring down the cost of care for patients through population health management.

• Wake Forest Baptist and Blue Cross and Blue Shield of North Carolina have joined to launch the Center for Healthcare Innovation. The purpose of this collaboration is to explore new ways to improve the quality of health care while reining in the cost of medical expenses for patients.

• Wake Forest Baptist has begun a new shared services company with Vidant Health (Greenville) and WakeMed Health & Hospitals (Raleigh) called Socius Health Solutions that will allow all three to provide more efficient and effective patient care.

• The Community Partnership for Compassionate Care is a collaboration among Wake Forest Baptist, Novant Health and the Hospice & Palliative Care Center to create conversations about health care decisions while people are well and before they face crises.

• The FaithHealthNC program includes community advocates known as Supporters of Health who connect with patients as they are discharged, assisting them through various non-medical issues that complicate their lives by connecting them with the help they need.

• A $14 million award from the Patient-Centered Outcomes Research Institute (PCORI) will allow Wake Forest Baptist to be involved in the first statewide study of its kind to determine whether longer-term, post-stroke care improves the daily function of patients after they leave the hospital.
Education and Research

Wake Forest School of Medicine directs the education of nearly 1,900 students, residents and fellows, including physicians, basic scientists and allied clinical professionals. Here, students, trainees and faculty are active partners in the learning process. The school offers a transformational and supportive experience to cultivate physicians and health care providers who set the standard for compassionate, collaborative care; lead the way in socially responsible health care and biomedical sciences locally, nationally and globally; and engage in lifelong learning and discovery through the application of innovative knowledge technology and skills in medicine.

In addition to MD, PhD and MS degrees (including an MMS for physician assistants), the School of Medicine has five joint-degree programs and a nurse anesthesia teaching program. It is also the clinical site for several Forsyth Technical Community College programs.

The School of Medicine provides continuing medical education and advanced training for health care professionals through the Northwest Area Health Education Center (AHEC), as well as leadership and organizational development, education, and research in continuing medical education. Some 35,248 people participated in nearly 1,900 Northwest AHEC training activities in the 2014 fiscal year.

The School of Medicine strategically investigates opportunities that will expand basic and clinical investigations, resulting in nationally and internationally recognized excellence in biomedical research. The School of Medicine seeks to leverage its current areas of strength and focus to improve integration of its research programs with areas of major importance in population health, and to maximize multidisciplinary and translational approaches.

Current research priorities include:

- Aging/Alzheimer's disease
- Diabetes/obesity/metabolism and associated cardiovascular disorders
- Cancer
- Regenerative medicine

In the 2014 fiscal year, the School of Medicine was awarded $193.4 million in research funding from federal and state agencies, industry and other sources.

In December 2014, the School of Medicine announced a $50 million capital campaign project to create a new medical education building in the Innovation Quarter. This building will provide students with the advanced environment in which to learn; it will offer small group learning spaces, an anatomy lab, clinical skills labs and opportunities to train in patient simulation suites that mimic medical facilities. In this digital age of computer-guided imaging and surgical procedures, the new medical education building will offer the latest technologies and advancements as training tools for students. The building, whose construction is entirely reliant on philanthropic donations, is expected to open in July 2016.
To further its key emphasis on generating and translating knowledge, several School of Medicine departments conduct research in the newest high-tech laboratories at Wake Forest Innovation Quarter in downtown Winston-Salem.

The Innovation Quarter is also home to Wake Forest Innovations, the commercialization division of Wake Forest Baptist Medical Center, and to some of the world’s foremost biomedical, materials sciences, information technology and public health sciences research. There, for example, the Wake Forest Institute for Regenerative Medicine is working to engineer replacement tissues and organs, and develop healing cell therapies for more than 30 different areas of the body.

**Innovation**

*Wake Forest Innovations* commercializes the ideas, discoveries, and scientific and clinical research assets of Wake Forest Baptist Medical Center and *Wake Forest University*. It also is responsible for agreements with industry to develop and commercialize proprietary products, to provide specialized preclinical and clinical research services, and to sponsor basic scientific research.

Product Innovation & Commercialization Services works with faculty to develop high-value products that it licenses to industry for commercialization.

The group includes three Product Accelerators (Therapeutics/Vaccines, Medical Devices, Diagnostics) that support the preclinical and clinical development of proprietary technologies. Activities include business case analytics, proof-of-concept and validation studies, device prototyping and intellectual property protection. In addition to securing licensing agreements with established companies, Product Innovation & Commercialization Services assists startups with business planning, capital formation, incubation and early development.

During fiscal years 2010 through 2014, Wake Forest Innovations and its partners had 406 invention disclosures, filed 222 patent applications, formed 19 start-up companies, executed 110 licensing and option agreements, and saw 79 patents issued to faculty and staff members. Licensing revenue for the five-year period was $345.5 million.

Contract Research & Development Services provides industry-specialized preclinical and clinical research & development services based on the unique skills and capabilities of Wake Forest. Once studies have been contracted, Contract Research & Development Services provides project management, regulatory compliance and business support services to ensure successful outcomes.

Current offerings include:

- Preclinical surgical services for testing devices, including in large animals under GLP, preclinical and clinical testing of therapeutics, diagnostics and medical devices.
- Clinical trial design and management for multicenter trials.
- Core research laboratory and imaging facilities for data collection and analysis.
- Experiential, immersive training for health care professionals.
Wake Forest Innovation Quarter

Wake Forest Innovation Quarter in downtown Winston-Salem is one of the fastest growing urban districts for research, business and education in the United States, with a master plan for as much as 6 million square feet of world-class office, laboratory and mixed-used space over its 145 developable acres.

The Innovation Quarter is currently home to more than 50 companies and 26 academic departments and entities, which occupy more than 1.1 million square feet of space. More than 3,000 people work in the Innovation Quarter alongside 1,200 students annually enrolled in workforce education in emerging technologies. Several hundred residents live in or close to the Innovation Quarter.

The Innovation Quarter saw a number of key developments during 2014, including:

- The opening of a 242,000-square-foot Team Support Center and Headquarters for Inmar at 635 Vine St., which houses more than 900 employees.
- The opening of 525@Vine, a 234,000-square-foot mixed-use building that is home to Wake Forest Baptist’s Division of Public Health Sciences and the Department of Physician Assistant Studies, as well as private companies including FlyWheel, a co-working space, Clinical Ink, a clinical services company, Forsyth Tech at Innovation Quarter, and the Y at Innovation Quarter.
- The phased opening of Plant 64, a five-building residential complex with 243 loft apartments and numerous amenities.
- The opening of Research Parkway, a four-lane road through the center of the Innovation Quarter that eventually will connect to U.S. 52 through the Salem Creek Connector.
- In partnership with the city of Winston-Salem, the completion of the storm-water retention system that handles water runoff from approximately 300 acres in the city.
- The construction of Bailey Park, a 1.6-acre publicly accessible park that opened in April 2015.
- The announcement that Wexford Science & Technology, a BioMed Realty company, will develop a former R.J. Reynolds Tobacco Co. building to house, among others, the medical education facilities of Wake Forest School of Medicine.
- The construction of the Center for Design and Innovation, a 27,000-square-foot complex being built by the University of North Carolina system that will open in the spring of 2015.
In the Community (Programs operated by Wake Forest Baptist Medical Center)
As Forsyth County’s largest employer, Wake Forest Baptist Medical Center has long been committed to giving back to the communities it serves. The following are some of the most recognizable of these programs:

Be Involved
Be Involved is an online resource that allows the public access to information about hundreds of clinical trials and studies that may be of benefit to them. The site allows people to register to be notified when studies begin that could match conditions they face.

BestHealth
BestHealth™, the community wellness outreach program of Wake Forest Baptist Health, offers health seminars, screenings, cooking and fitness classes, online health resources and a membership program with special benefits. Seminars led by experts from Wake Forest Baptist provide the latest information on a variety of health topics held at convenient locations throughout the community. Membership benefits include members-only events, free health screenings, discounts at participating local merchants, e-newsletters, and priority notification of events and programs. For more information about BestHealth programs or membership, call 336-713-BEST (2378).

Care Transitions
The Care Transitions Program is a collaborative set of services that provides enhanced care to support patients and families after discharge from the Medical Center and when they may need assistance determining the best type of care in the community based on their goals. Seven programs are included: palliative care, enhanced care resource nurses, ANCHOR, CarePlus, advanced practice providers, skilled nursing facility partners and Wake Forest Baptist Health Care at Home. The latter is a joint program between Wake Forest Baptist and Gentiva Health Services that focuses on helping adult patients of all ages with complex health problems. These patients need help adjusting to living at home after they are discharged from the hospital into the community.

Center for Worker Health
The Center for Worker Health provides a nexus for basic and translational research focused on all aspects of the work-health relationship. It brings together investigators, health care providers, community members and business leaders interested in protecting and promoting worker health and quality of life, as well as creating workplace solutions that are beneficial for employers, workers and their families.

Community Benefits
In the most recent figures submitted to the state of North Carolina, Wake Forest Baptist reported giving nearly $259 million in community benefits—including community outreach, education, research, charity care and many other unique efforts—to help those in need.

Community Partnership for Compassionate Care
This fledgling program began in late 2014 with a conference co-sponsored by Wake Forest Baptist Health, Novant Health and the Hospice & Palliative Care Center. The long-term goal of this program is to create thoughtful conversations about health care decisions before people face a crisis.
DEAC Clinic (Delivering Equal Access to Care)
The DEAC Clinic is a program initiated and developed entirely by a group of School of Medicine students. The clinic provides long-term primary health care to the local underserved community.

Downtown Health Plaza
The Downtown Health Plaza (DHP) is a full-service, outpatient medical clinic, subsidized by the Medical Center, that serves many of Forsyth County’s uninsured and underinsured residents with a state-of-the-art medical home. Its many services include:

- Collaboration with the Northwest Community Care Network (NCCN); NCCN case managers are onsite in Pediatrics and Internal Medicine.
- An onsite pharmacy as well as an onsite PharmD position co-located in DHP Internal Medicine Clinic (funded by NCCN). DHP also is a PharmD precepting site for Campbell University.
- A satellite site for the Women, Infants and Children Nutrition Program (WIC). More than 1,000 participants access WIC services at the DHP.
- A Medical Home Patient Navigator who visits homes of patients post-discharge, assuring that medications are filled, referrals are prepared and more.
- A community garden that provides free fresh vegetables and herbs for patients. The project is supported by patients, providers and staff. Food is distributed in clinics to encourage healthy diets. DHP also is home to a food pantry in which bagged nutritious foods are available for patients and their families.
- Legal Aid of Northwest NC, which is in the DHP to assist families with legal issues that affect health. DHP also is a National Health Service Corps site.
- CenteringPregnancy, a program to reduce incidence of low-birth-weight babies in collaboration with March of Dimes and Forsyth Medical Center. Statistics show that women patients at DHP in CenteringPregnancy had a 5 percent incidence of low-birth-weight babies, compared with a 12 percent rate for those not in the program.
- CareNet Counseling, which has a mental health counselor available at DHP, as does The Children’s Home, Inc.
- A Parent Educator program, run by a local nonprofit, Imprints, in the Pediatric Clinic, which helps families address developmental delays early.
- A Regional High Risk OB Clinic for Forsyth County and 10 area counties.
- Reach Out and Read, a program that provides free books to young patients to promote reading, has a site in the DHP Pediatric Clinic.
- The Care Plus Program, which offers home visits for the approximately 200 DHP patients needing more intensive interaction.

FaithHealthNC
FaithHealthNC helps ease the journey to health and healing for people and the communities in which they live by connecting the caring strengths of congregations, the clinical expertise of providers and a network of community resources. FaithHealthNC also serves as a liaison between Wake Forest Baptist Health and congregations of all denominations.
Share the Health Fair
Share the Health Fair is a free, annual community health day that offers screenings, health education and physician consults, and typically reaches more than 600 people. The event is hosted by students from the School of Medicine and supported by Northwest AHEC.

Triad Free Health Clinic
Wake Forest Baptist Health physicians and nurses volunteer to support the Triad Free Health Clinic, held twice a month to serve the medical needs of the uninsured and underserved members of Winston-Salem and surrounding communities. The clinic is open from 9 am to 1 pm at the Community Mosque, 1419 Waughtown St., Winston-Salem. The clinic offers free care without discrimination based on race, religion or gender; its services include screenings to combat chronic diseases such as diabetes, obesity and cardiopulmonary disease.

Wellness and Corporate Health Services
This service specializes in corporate wellness programs for companies in Forsyth and surrounding counties. Wellness and Corporate Health Services provides the corporate community access to medical services, wellness programs and resources available through the Medical Center, including on-site health screenings, risk assessments and education to improve the health of the workplace. Call 336-716-1270 for more information.
Quick Facts About Wake Forest Baptist Medical Center*

Total Licensed Beds 885
Inpatient Admissions 36,363
Day Hospital 26,115
Emergency Department Visits 103,754
Other Outpatient Visits (includes ambulatory visits and outpatient departments) 991,718
Wake Forest Baptist Medical Center Budget $2.02 billion
Total Research Awards $193.4 million
School of Medicine Faculty 1,226
Registered Nurses 2,502
House Officers (residents) and Fellows 679
Medical Students 469
Total Wake Forest Baptist Medical Center Workforce 12,563

*Beds and admissions data covers only the main campus of Wake Forest Baptist Medical Center for the fiscal year ending June 30, 2014.
Wake Forest Baptist Medical Center Board of Directors

Stephen L. Robertson  
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Edwin L. Welch  
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Administration

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Chief Executive Officer, Wake Forest Baptist Medical Center

**Edward Abraham, MD**
Dean, Wake Forest School of Medicine

**Todd Bankhead, MBA, MPA, PMP, CSSBB**
Vice President, Corporate Revenue Cycle, Wake Forest Baptist Medical Center

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**Chad Eckes, MBA, PMP**
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**Conrad Emmerich, MBA**
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**Deette (Dee) Emon, MS, BSN**
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**Gary R. Gunderson, DMin, MDiv**
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**Terry L. Hales Jr., MBA**
Vice President, Academic Administration and Operations, Wake Forest School of Medicine

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Vice President, Network Clinical Affairs, Wake Forest Baptist Health

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President, Wake Forest Baptist Health – Lexington Medical Center

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Senior Associate Dean, Biomedical Research Services and Administration, Wake Forest School of Medicine

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Chief Medical Officer, Wake Forest Baptist Health – Lexington Medical Center

Bret Nicks, MD, MHA
Chief Medical Officer, Wake Forest Baptist Health – Davie Medical Center

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Erwin Stainback, MS, FACHE
Vice President, Clinical Operations, Wake Forest Baptist Health

Eric Tomlinson, DSc, PhD
President, Wake Forest Innovation Quarter, and Chief Innovation Officer, Wake Forest Baptist Medical Center

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Senior Vice President, Health System Operations and Integration, Wake Forest Baptist Health

J. McLain Wallace Jr., JD
Vice President, Legal Affairs and General Counsel, Wake Forest Baptist Medical Center

Cathleen Wheatley, MS, RN, CENP
Chief Nursing Executive and Vice President, Wake Forest Baptist Health

Terry G. Williams, MBA
Executive Vice President, Strategy and Administration, Wake Forest Baptist Medical Center
Subsidiaries, Joint Ventures and Affiliates

Subsidiaries and Joint Ventures

- Assuring Affordable Quality Healthcare in NC, LLC, is a partnership with nine additional entities to conduct advocacy activities to ensure access to safe, affordable and quality health care.
- Blue Cross and Blue Shield of North Carolina, a joint venture to launch the Center for Healthcare Innovation, which is exploring new ways to improve the quality of health care while reining in the cost of medical expenses.
- Cancer Center of Davidson County, LLC, a joint endeavor with Wake Forest Baptist Health – Lexington Medical Center that offers radiation therapy and medical oncology treatments to Davidson County residents.
- CareNet, Inc., a not-for-profit corporation organized to provide pastoral counseling services at a network of locations throughout North Carolina.
- Carolina Behavioral Health Alliance, LLC, a joint venture with East Carolina University and the University of North Carolina to contract with providers and facilities to provide patient services.
- Cornerstone Health Care, P.A., an affiliation through its wholly owned management services organization Cornerstone Health Enablement Strategic Solutions, LLC (CHESS) that provides new models of health care delivery being driven by health care reform.
- Dialysis Access Group of Wake Forest University, LLC, provides vascular access maintenance procedures to dialysis patients close to where they receive dialysis treatments.
- MedCost, LLC, an integrated benefits solutions company owned jointly with Carolinas HealthCare System.
- North Carolina Baptist Hospital Foundation, which supports, promotes and advances the interests of the clinical operation in the pursuits of its ministries of healing.
- North Carolina Baptist Hospital Outpatient Endoscopy Center, LLC, provides off-campus outpatient endoscopy services.
- Northwest Community Care Network, a company that administers the Carolina Access II Medicaid program.
- Primary Care, LLC (Medical Pavilion – Mocksville) (Care Center – Davie), a Mocksville facility that offers primary care, urgent care and occupational health services.
- Socius Health Solutions, a shared services company jointly owned by Wake Forest Baptist, Vidant Health and WakeMed Health & Hospitals. It allows member organizations to gain benefits of scale through sharing of services and best practices while maintaining their current governance and independence.
- The Center for Congregational Health, Inc., a not-for-profit organization that assists congregations in becoming healthier communities of faith.
- The Dialysis Centers of Wake Forest University consists of 16 dialysis centers throughout the region.
- The Hawthorne Inn & Conference Center, a hotel, conference center and restaurant that serves the general public as well as Medical Center patients and their families.
• The Medical Foundation of Wake Forest University Health Sciences and North Carolina Baptist Hospital, a joint venture to aid and promote by financial assistance education, service and research in preventive and curative medicine.

• Wake Forest Ambulatory Ventures, LLC, a wholly owned subsidiary of Wake Forest University Health Sciences that holds the certificate of need for the undeveloped ambulatory surgical center to be located in Clemmons.

• Wake Forest Baptist Health Care at Home, LLC, a joint venture with Total Care Home Health of NC, LLC to support efforts to lower cost of home health services.

• Wake Forest Baptist Health Community Physicians, a physician network that provides care within the Medical Center’s service area.

• Wake Forest Baptist Imaging, LLC, a freestanding, full-service diagnostic imaging center.

Affiliated Hospitals

• Alleghany Memorial Hospital*
• UNC Health Care – Caldwell Memorial Hospital*
• Carteret General Hospital*
• Catawba Valley Medical Center*
• Frye Regional Medical Center*
• Granville Medical Center* (in collaboration with WakeMed Health & Hospitals)
• Hugh Chatham Memorial Hospital
• Iredell Memorial Hospital*
• Lake Norman Regional Medical Center*
• Lenoir Memorial Hospital*
• Morehead Memorial Hospital
• Moses Cone Health System
• Pioneer Community Hospital of Stokes
• Randolph Hospital
• Watauga Medical Center
• W.G. Hefner VA Medical Center
• Wilkes Regional Medical Center*

*Member of the Wake Forest Baptist Telestroke Network.
Wake Forest Baptist Medical Center offers expertise in more than 100 areas of medicine, encompassing preventive and highly specialized care for all ages. At the same time, faculty at Wake Forest School of Medicine received $193.4 million in direct funding for research in the 2014 fiscal year.

The ability to offer the latest technologies and clinical trials to patients makes Wake Forest Baptist a national leader among academic medical centers. What follows are capsule summaries highlighting some key departments, services and programs.

Addiction and Substance Abuse
Wake Forest Baptist is a longtime research leader in the field of addiction and substance abuse, and continues to be funded in the following areas:

Alcohol
Translational Studies on Early Life Stress and Vulnerability to Alcohol Addiction is funded by the National Institute of Alcohol Abuse and supports rodent, nonhuman primate and human studies directed at understanding neurobiological risk factors associated with alcoholism.

Narcotics
The Center for Neurobiology of Addiction Treatment (CNAT), which is funded by the National Institute on Drug Abuse, is a major research effort that examines the brain processes that mediate compulsive cocaine abuse. The research integrates a variety of technologies including molecular biology, neurochemistry, in vivo brain imaging, voltammetry and behavioral analysis to identify novel medications for treatment of cocaine addiction.

Tobacco
Wake Forest Baptist is helping to lead one of three projects at a new Center for Regulatory Research on Tobacco Communications at the University of North Carolina. The federally funded project focuses on effective risk communication of novel tobacco products—items such as hookah, flavored cigars and electronic cigarettes—targeted at adolescents and young adults.
Aging and Cognition
With an approach that presumes excellent health care goes beyond curing and helps patients achieve their desire for a more active life, the Gerontology and Geriatric Medicine program has become a national leader. Ranked as a High Performing program by U.S. News & World Report, patients are offered a myriad of leading-edge clinical and research programs at one of the earliest established geriatrics-focused facilities in the United States, the J. Paul Sticht Center on Aging and Rehabilitation.

Sticht Center programs help seniors and family members understand and address the unique physical, social and emotional needs that come with aging or illness. Center programs bring together more than 90 faculty members from 20 departments, institutes and centers with a multidisciplinary approach to issues around aging and illness. The Sticht Center is the home of two major affiliated programs: the Claude D. Pepper Older Americans Independence Center and the Kulynych Center for Memory and Cognition Research. The groundbreaking research taking place includes more than 70 federally funded, investigator-initiated grants and nine research training awards. Thousands of seniors have taken part in studies that involve diet, medicines, exercise and more, taking advantage of a gym and an aquatics center, among other amenities. In 2015, Wake Forest Baptist will lead several national studies testing novel interventions to preserve memory and prevent the onset of dementia.

Animal Research
The Center for Comparative Medicine Research initiates and facilitates the development and then application of animal models—especially nonhuman primates—to diseases of human relevance. Comparative pathology is a primary resource, allowing the center to focus on end organ complications of disease.

The Center comprises a unique combination of research excellence in cancer, diabetes, neurobehavioral biology, cardiovascular disease, sex differences and radiation countermeasures, combined with decades of technical expertise in nonhuman primate and other large animal biology and medicine, pathology, nutrition, imaging, cognition, surgical innovations, genomics and regulatory compliance.

In addition, the Center has developed internationally recognized postdoctoral training programs in animal model development and research, laboratory animal care and veterinary pathology that have contributed new generations of researchers and clinicians to laboratories throughout the United States and abroad.

The multidisciplinary Center draws membership from virtually all Wake Forest Baptist departments and institutes, and has significant funding from the National Institutes of Health and industry sponsors, as well as a key partnership with Bogor University in Indonesia.
Behavioral Health
The mission of Psychiatry and Behavioral Health is to provide positive recovery and wellness outcomes throughout the region by promoting patient- and family-centered care, education and research. Adult inpatient services emphasize crisis stabilization for the evaluation and treatment of depression, bipolar disorder, anxiety disorders and schizophrenia, offering inpatient electroconvulsive therapy (ECT) when needed. Brenner Children’s Hospital offers pediatric inpatient services that provide evaluations and intensive treatment for children and adolescents diagnosed with psychiatric disorders such as mood disorders, ADHD, pervasive developmental disorders and oppositional defiant disorder.

Outpatient programs are available for all ages, and include a faculty member participating with a resident physician in the evaluation of every patient at every visit. The programs include evaluation and treatment for problems ranging from depressive and anxiety disorders to alcohol and substance abuse. There are dedicated clinics for ECT, geriatric psychiatry, neuropsychiatry and office-based opiate dependence therapy. Intensive outpatient group therapy, individual evaluations and therapy form the core of alcohol and substance abuse services. An active forensic psychiatry program accepts both civil and criminal cases for review.

The Kate Mills Snider Geriatric Psychiatry Outreach Program supports geriatric psychiatry consultations to older individuals who cannot easily come to a doctor’s office. A grant from the Kate B. Reynolds Charitable Trust supports the Medical Center’s Homeless Opportunities and Treatment (HOT) Project, which serves the homeless mentally ill.

Biomedical Research Services and Administration
Biomedical Research Services and Administration (BRSA) is a unified organization created to serve faculty and staff conducting research at Wake Forest Baptist Medical Center. Its goal is to be adaptive to the ever-changing research environment by providing creative tools and services while maintaining the highest standards for conducting safe and ethical research in accordance with federal, state and institutional regulations, policies and procedures. BRSA is committed to 1) providing exceptional customer service; 2) protecting the interests of research participants and Wake Forest faculty and staff; and 3) promoting collaborative research by offering tools and services adaptive to faculty and staff needs.

Cancer
The Comprehensive Cancer Center has long been a national leader in treatment and research. In 2015, it was recognized by U.S. News & World Report as the best cancer hospital in North Carolina and 17th best in the nation. The center conducts biomedical research at the basic, clinical and population-studies levels across seven states, offering participation in clinical trials to cancer patients. It includes more than 150 faculty members and has programs in cell growth and survival, DNA damage and cellular defense, clinical research, and cancer prevention and control. The center offers medicine’s most advanced technologies, which allow for a level of accuracy and focused treatment never before possible. For example, a Precision Medicine program based on human genomics analyzes tumor mutations through DNA sequencing. Precision Medicine offers patients who have failed first- or second-line therapies access to clinical trials utilizing drugs that have shown promise in targeting specific mutations.
In the most recent fiscal year, the Comprehensive Cancer Center had 4,534 total cases, including 3,211 newly diagnosed invasive cancer cases. A $125 million expansion of the Comprehensive Cancer Center was completed in December 2013, consolidating inpatient and outpatient services. The new center offers 530,600 square feet of space, making it the largest integrated cancer hospital in North Carolina.

The Comprehensive Cancer Center’s outpatient services provide multidisciplinary clinics such as the Breast Care Center, the Neuro-oncology Clinic and the Thoracic Oncology program for consensus treatment planning by expert teams so that patients benefit from multiple opinions with regard to their care. On the research side, three centers are working to identify new treatments for breast cancer, prostate cancer and brain tumors.

Blood Disorders and Blood and Marrow Transplantation
The Hematology and Oncology Unit treats a variety of malignant blood cancers, including leukemia, Hodgkin’s lymphoma, multiple myeloma, myeloproliferative neoplasms (MPN), non-Hodgkin’s lymphoma, polycythemia vera and thrombocytosis. Wake Forest Baptist offers the newest treatments for cancers of the blood, including clinical trials when possible, for the patient.

The leukemia program is widely recognized for excellence in patient- and family-centered care, teaching and clinical research. As one of the largest adult leukemia services in the Southeast, Wake Forest Baptist is active in national research studies in acute and chronic leukemias and myelodysplastic syndromes. Collaboration between basic science research faculty and clinical researchers ensures patients are offered leading-edge therapies.

Lymphomas, including Hodgkin’s disease and the array of non-Hodgkin’s lymphomas, represent a growing area of clinical research at the Comprehensive Cancer Center. Treatment options include local and national research trials investigating novel therapies. One particular area of emphasis is dose-intensive therapy followed by either bone marrow or peripheral stem cell transplantation.

The nationally recognized Blood and Marrow Transplant (BMT) program is among the larger collection centers in the United States for the National Marrow Donor Program. As a result, donors and recipients are assured of a caring and competent experience. The complex transplantation procedure uses stem cells that were isolated from bone marrow or blood from either the patient or a compatible donor (related or unrelated). Transplantation can be used to treat non-Hodgkin’s lymphoma, Hodgkin’s disease, multiple myeloma, acute and chronic leukemias, and other forms of cancer. Members of the transplant program have been active participants in clinical trials.

Brain Tumors
The Brain Tumor Center focuses on improving patient- and family-centered care through translational research. Many brain tumors represent unmet needs in medicine so a multidisciplinary effort is carried out on the research and clinical side. The Thomas K. Hearn Jr. Brain Tumor Research Center offers clinical trials for patients with brain tumors, and its faculty have a growing specialty in neuro-oncology. Because the center is a member of the Adult Brain Tumor Consortium of the National Institutes of Health, brain tumor patients have access to the latest surgery, radiosurgery, laser and chemotherapy treatments.
Breast Cancer
The Breast Cancer Center concentrates its research efforts on four specific areas:
• Biology of how breast cancer forms and how malignancies progress.
• Analysis of large amounts of data to identify biological factors that might predict occurrence of breast cancer.
• Quality of life and survivorship issues.
• Novel imaging and therapeutics.

The center facilitates collaborative research among basic scientists, public health scientists and clinical researchers that addresses important questions regarding breast cancer formation, progression, screening and diagnosis, therapy, outcome and survivorship.

The Breast Care Center offers a full spectrum of services to improve breast health. Services include screening and diagnostics, treatment for both benign and malignant breast disease, and prevention and survivor programs, all delivered with the expertise, compassion and individualized service expected from an academic medical center.

Cancer Patient Support Program
The Cancer Patient Support program is among the first in the nation to address the emotional, psychological and spiritual needs of patients and family members dealing with cancer. The program has pioneered studies in effective communication between physicians and patients dealing with cancer.

Genomics
The Center for Cancer Genomics uses genomics to understand the development and progression of various types of cancer, and to develop approaches for the prediction of cancer and personalized intervention. In addition, the Center for Genomics and Personalized Medicine research program performs translational and multidisciplinary research into the genetics and genomics of rare and common diseases. The Center encompasses nearly every major research effort at the Medical Center—heart disease, cancer, diabetes, high blood pressure, pulmonary disease, drug and alcohol abuse, women’s health and aging.

Prostate Health
The Prostate Cancer Center catalyzes collaboration and translation among scientific and clinical programs in research and clinical treatment of prostate cancer. Research largely falls into three key areas: chemoprevention, genetic epidemiology and novel therapies. All of these areas hold promise for future treatment and some include ongoing clinical studies.

Tumor Immunotherapy Program
The Tumor Immunotherapy program focuses on the treatment of melanoma and renal cell cancer with biologic therapies including vaccines, interferon and high-dose Interleukin-2. As the first academic, comprehensive immunotherapy program in northwest North Carolina and southwest Virginia, this multidisciplinary program consists of dedicated and specially trained physicians, nurses, pharmacists and social workers.
Childress Institute
The Childress Institute for Pediatric Trauma was established in 2008 through the generosity of Richard and Judy Childress and receives considerable support from Wake Forest Baptist Medical Center. The Childress Institute discovers and shares the best ways to prevent and treat severe injuries in children. Life-threatening injury is the #1 killer of children in the U.S. Nearly 10,000 children die each year—more than all other causes combined. By funding research, education and advocacy programs, the Childress Institute will save the lives of injured children by focusing on two goals: improving pediatric trauma readiness across the U.S. and reducing head injuries in youth sports and recreation.

Dermatology
The Department of Dermatology is the region’s leader, drawing patients from throughout the Southeast in a state-of-the-art clinic. The department provides high caliber clinical care for patients, top-notch training for future dermatology practitioners and a productive setting for clinical and epidemiologic research. Faculty focus on the diagnosis and treatment of disorders of the skin, hair, nails and mucous membranes, with special areas of clinical and research targeting psoriasis, itch, diseases of the hair, pediatric dermatology, dermatopathology and cosmetic dermatology.

The Center for Dermatology Research (CDR) includes practicing dermatologists as well as specialists in epidemiology, health economics and biostatistics. CDR researchers use nationally representative data to characterize and to track changes in the delivery of dermatological care in the United States.

Diabetes and Endocrinology
Wake Forest Baptist’s Diabetes and Endocrinology program is ranked as High Performing by U.S. News & World Report and is at the forefront of research and clinical treatments.

The Section on Endocrinology and Metabolism focuses much of its research on clinical investigations addressing type 2 diabetes, which is increasing among all populations and coincides with a rise in obesity in the United States. Medical Center physicians and researchers are heavily involved in a long-term national study aimed at identifying ways to prevent heart attack, stroke or cardiovascular death in adults with type 2 diabetes. In addition, the Section offers diabetes education, with outreach to primary care physicians and the community.

In recognition of the impact that disease has on public health, the Center for Diabetes Research is expanding research into diabetes. Research studies at the Medical Center cover the spectrum from laboratory studies investigating basic cellular mechanisms leading to diabetes to national prevention and treatment studies.

In 2012, the Joslin Diabetes Center opened one of its 24 affiliates in the United States at Wake Forest Baptist. At the Joslin Center, a multidisciplinary team works to help patients get the care they need in one easily accessible location. The Joslin Center is a nationally recognized diabetes treatment program based at Harvard Medical School.
Digestive Health
The Digestive Health at Wake Forest Baptist offers authoritative consultations by faculty gastroenterologists, the most advanced procedures to diagnose and treat gastrointestinal diseases, a highly trained nursing staff, a full-service anesthesia team, and an environment sensitive to patient comfort and privacy. The Center’s expertise in the diagnosis, treatment and research in gastrointestinal diseases was recognized in 2015 when U.S. News & World Report ranked it as the 37th best program in the nation for Gastroenterology & GI Surgery.

Wake Forest Baptist faculty gastroenterologists perform more than 20,000 procedures a year, serving patients from throughout the country, state and region with digestive problems that range from the common to the very unusual and complex.

The Digestive Health includes these clinical services:

• The Gastroenterology Consultation Clinic, where gastrointestinal diseases from common to rare are diagnosed and treated.

• Outpatient Endoscopy, an outpatient, off campus, state-of-the-art facility for colon cancer screening with colonoscopy made comfortable by faculty gastroenterologists, expert nurses and anesthesia services.

• The Gastrointestinal Neuromuscular Disorders Program provides diagnoses and treatments for uncontrolled heartburn, unexplained swallowing disorders, unexplained nausea and vomiting, and unexplained constipation, diarrhea and fecal incontinence. The program performs more than 1,800 GI neuromuscular tests a year (esophageal manometry, pH impedance, electrogastrography, anorectal manometry, breath tests) to diagnose the cause of these symptoms.

• The Biliary-Pancreatic Program focuses on advanced procedures such as endoscopic ultrasound and ERCP to diagnose and treat diseases ranging from common bile duct stones to pancreatic cysts and cancers.

• Advanced Endoscopy Services include endoscopic resection of large polyps in the colon and double balloon enteroscopy for unexplained GI bleeding problems.

Research includes a variety of clinical, translational and molecular studies such as:

• Gastrointestinal Neuromuscular Disorders and Regenerative Medicine Program. Research encompasses the Gastroparesis Clinical Research Consortium, an NIH-sponsored center where patients with unexplained nausea and vomiting and gastroparesis are evaluated and offered the latest treatment and research studies. Ongoing GI research studies in the Wake Forest Institute for Regenerative Medicine are designed to regenerate sphincters and tubular constructs for new treatment approaches for GI neuromuscular diseases.

• Inflammatory bowel disease. Clinical studies with the newest drugs available are offered to our patients with Crohn’s disease and ulcerative colitis.

• Endoscopic ultrasound (EUS): Outcomes and development of new diagnostic and therapeutic approaches for pancreatobiliary disease.
Ear, Nose and Throat; Head and Neck Surgery

The Department of Otolaryngology provides specialty expertise and advanced therapies to treat common and complex disorders of the ear, nose, throat, head and neck. The department in 2015 was ranked 29th in the nation by U.S. News & World Report, which reflects its commitment to delivering the highest level of patient- and family-centered care. Areas of expertise include voice and swallowing, head and neck cancer, facial plastic and reconstructive surgery, rhinology (nose and sinus), allergy, otology (ears and hearing), neurotology and skull base surgery, and pediatric ENT/head and neck surgery.

As a leading teaching and treating center, patients have access to the latest technology, therapies and research, including robot-assisted head and neck surgery, microvascular head and neck reconstruction, office-based laryngeal surgery, endoscopic skull base surgery, adult and pediatric implantable hearing devices, salivary gland regeneration, biochemical effects of aging on laryngeal function, minimally invasive parathyroid surgery and repair of congenital ear deformities.

Wake Forest Baptist otolaryngologists specialize in transoral robotic surgery (TORS), a minimally invasive, advanced surgical method to treat tumors of the tongue base, larynx and skull base. They also are pioneering new techniques to restore swallowing and salivary gland function.

As part of the Department of Otolaryngology, the Section of Dentistry allows optimal, long-term collaboration of dental faculty, residents and students with trauma, oncology and pediatric patients. The section continues to collaborate with University Dental Associates in Winston-Salem through a general practice dental residency program. UDA is one of the largest private multispecialty dental group practices in North Carolina, with 16 general dentistry and specialty practices in the Winston-Salem, Charlotte and Raleigh-Durham areas. Its full-time professional dental staff provides general dentistry, periodontal services and other specialty referrals. Several UDA practices also provide specialty care in oral and oral maxillofacial surgery, orthodontics and dentofacial orthopaedics, pediatric dentistry and endodontics.

Education

In addition to the School of Medicine, Wake Forest Baptist offers advanced learning in many other programs.

Biomedical Engineering

The Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences is a unique collaboration that has drawn from work at both schools in areas such as tissue engineering, biomedical imaging, nanomedicine and nanobioengineering, biomechanics, neuroengineering, cardiovascular engineering and translational cancer research. Overall, the program has 78 faculty and 97 students, with 14 partner centers and institutes, and about $75 million in research funding. At Wake Forest, there are eight primary faculty, 23 core faculty and 45 graduate students studying diverse areas. Prominent research efforts include:

- The groundbreaking Imaging, Telemetry and Kinematics Modeling (iTAKL) study that provides ongoing information to track exposure of youth football players for head impacts and concussion.
- Tissue engineering in areas such as biomechanics, fluid flow and material science, and regenerative medicine.
- Injury biomechanics, with one goal to lay the long-term foundation for the prevention, diagnosis and treatment of veterans returning from Iraq and Afghanistan with blast-exposure injuries.
- The wounded warrior tissue engineering/regenerative medicine program.
Nurse Anesthesia
For more than 70 years, the School of Medicine’s Nurse Anesthesia Program has been highly regarded for the exceptional quality of its graduates, as well as for a faculty of outstanding achievement and international recognition. The program offers high quality education and opportunity to an exclusive group of professional nurses to prepare them for a lifelong study and practice of anesthesia. Graduates receive a master’s degree and are prepared to plan, administer and manage anesthetic delivery to a wide range of patients in diverse settings. With the benefit of Wake Forest Baptist’s Center for Applied Learning, students experience critical situations in a controlled environment, and optional global health study exposes students to diverse health systems and cultures.

Center for Applied Learning
The Center for Applied Learning (CAL) provides clinical training in 24 specialty areas. Since its creation, CAL has provided laboratory training for over 40,000 practitioners in clinical procedures involving the use of cadavers, patient simulation and task training, medical ultrasound and surgery education. Participants include students at the School of Medicine, PA program and CRNA program. In addition, CAL offers hands-on continuing education for health care professionals at the Medical Center and for a growing clientele of regional, national and international medical professionals. This includes trauma care training events designed for pre-hospital medical providers including EMS personnel, nurse practitioners, physician assistants and physicians serving in the armed forces.

CAL’s overall mission is to improve the quality of care delivered to patients by imparting the latest techniques through immersive learning activities. Participants are challenged to improve performance outcomes through realistic training scenarios that enhance individual procedure skills as well as crew resource management and clinical team performance. Classes and training events are offered at several sites on the main Medical Center campus as well as offsite. The CAL education laboratories total more than 50,000 square feet of teaching space. CAL’s faculty and staff reaches across multiple clinical disciplines.

Northwest AHEC
The Northwest Area Health Education Center (AHEC) is a program of the School of Medicine and part of the NC AHEC System. Its mission is to improve the supply, distribution, and quality of health and human service personnel in a 17-county region. In fiscal year 2014, Northwest AHEC celebrated its 40th anniversary and provided 1,883 programs that served 35,248 health care workers. Its core functions are to:

- Offer underrepresented minority and disadvantaged students in grades 9-16 exposure to health careers.
- Provide support to undergraduate and graduate health professions’ students in community-based rotations.
- Support primary care and psychiatry residency programs.
- Offer continuing education and training to health professionals.
- Provide technical assistance to community health coalitions.
- Offer certified consultants to assist regional medical practices in transitioning to electronic health records, achieving patient-centered medical home status and providing quality improvement processes to improve health care quality.
- Offer access to evidence-based medicine through medical library services.
Center of Excellence for Research, Teaching and Learning (CERTL)

Wake Forest Baptist’s Center of Excellence for Research, Teaching and Learning (CERTL) seeks to improve the quality of science, technology, engineering and mathematics education (STEM) through professional development of teachers and curriculum enrichment for K-12 students. Specifically, CERTL aims to increase the participation and success of underrepresented minority students in advanced science and mathematics courses, and to increase the interest and commitment of all students in science, mathematics and technology careers. CERTL focuses on STEM pipeline development and inquiry training that includes both problem- and project-based learning.

Physician Assistant Program

The Physician Assistant (PA) Program has a unique history of curricular innovation using inquiry-based learning strategies that emphasize a team approach to clinical reasoning and problem solving. It was one of the first programs of its kind in the country and is ranked as the 9th best program in the nation by U.S. News & World Report. Graduates of the PA program complete a 24-month course of study and are awarded the Master of Medical Science degree. To address health care provider shortages in rural and underserved areas of North Carolina, the PA program expanded to include two campuses last year: Winston-Salem and Boone. Through partnership with Appalachian State University, the new campus was launched and the first students began their training at University Hall on the ASU campus in June 2014. The expansion aims to meet workforce needs in western North Carolina, train more PA students (enrollment will exceed 170 in June 2015), and increase recruitment of U.S. military veterans and those who are interested in training and working in underserved communities.

Integrative Medicine

The Center for Integrative Medicine oversees a collaboration of educational, community outreach and research activities that emphasize wellness and healing of the whole person, with special emphasis on patient and family participation, and attention to mental and spiritual health. It does so through monthly discussions, referrals to community resources and a library that is open to the public. Healing of the whole person might include such non-traditional care as acupuncture, the arts, music and the environment, communication and counseling skills, dietary supplements and herbal medicine, Healing Touch, massage therapy, mindfulness-based stress reduction, nutrition, tai chi and qi gong, and yoga.

Structural Biology

The Center for Structural Biology (CSB) at Wake Forest University, located at Wake Forest Biotech Place in the Innovation Quarter, is a cross-campus, interdisciplinary organization that combines research and educational resources from the School of Medicine as well as the University's graduate and undergraduate Schools of Arts & Sciences. Structural and biochemical research at the Center addresses fundamental biological questions relating to DNA and protein repair, cellular signaling and redox enzyme function. The Center houses a state-of-the-art X-ray diffraction and crystallization laboratory, computing and graphics facility, and many other instruments for the molecular characterization of protein, DNA and their ligand interactions in solution.
Emergency, Trauma and Transport Services

The Emergency Department (ED) encompasses four areas to rapidly assess and care for patients of all ages who require immediate medical attention for all levels of illness acuity. The ED is a designated Level I trauma center for adults and children. The Level I designation is the highest awarded certification and indicates the 24-hour availability of a full range of trauma experts and physician specialists. The ED includes a specialized eight-bed burn unit for adults and children, and a 23-hour observation area for patients requiring a short stay to treat their illness. The Pediatric Emergency Department is unique in the region and offers specialized care to children and their families.

AirCare provides critical care air and ground transport services to patients within a 150-mile radius of the Medical Center. AirCare has three air ambulances in service 24/7. Three ground ambulances include one with 24/7 availability and two with 12-hour availability.

Eye Center

Wake Forest Baptist's Eye Center is the only university-based academic center in western North Carolina that cares for people with eye-related medical needs. Its mission is to: provide outstanding patient- and family-centered care to those living in western North Carolina and adjacent states; offer diversified educational programs to community and regional physicians; educate the next generation of ophthalmology residents and fellows; and conduct research that advances the eventual elimination of many eye diseases and disorders. Current studies include development of a stem cell-derived cornea for transplant into humans.

The Eye Center sees more than 100,000 patients and performs more than 2,500 surgeries each year, offering leading-edge minimally invasive Femtosecond laser Lasik and cataract surgery. Wake Forest Baptist's Optical Designs offers eyewear and contact lenses.

Heart and Vascular Center

Wake Forest Baptist's Heart and Vascular Center is transforming the way cardiovascular care is delivered. Cardiology, cardiothoracic surgery and vascular surgery are now combined to provide a multidisciplinary team approach to patient- and family-centered care. As a one-stop prevention and treatment center, patients have more systematic and effective treatments. The Center has unprecedented opportunities to understand and treat heart disease that are emerging from molecular biology, genomics and other disciplines, resulting in better outcomes for patients. The Center is western North Carolina's only advanced cardiac care and transplant program. It is the first Chest Pain Center in the region to be accredited by the Society of Chest Pain Centers, and it has disease-specific certification by The Joint Commission in acute myocardial infarction and congestive heart failure. It holds the American College of Cardiology Gold Performance Award for heart attack care and has received the highest possible recognition for quality cardiac surgery from the Society of Thoracic Surgeons. In 2015, U.S. News & World Report ranked Wake Forest Baptist as High Performing for Cardiology & Heart Surgery.

On the vascular side, Wake Forest Baptist performs some of the most complex and leading-edge treatments available in addition to providing routine vascular care of the highest quality. Unique treatments to this region include the newest treatment for abdominal aortic aneurysms, the fenestrated endograft, as well as open surgical management of complex aortic aneurysms and renal
and visceral artery pathology. Wake Forest Baptist surgeons are among a handful nationwide with expertise in these treatments. Vascular faculty combines board-certified, fellowship-trained specialists from both vascular surgery and vascular medicine in one program, which is unique in the region.

The Heart and Vascular Center was an early pioneer in vascular imaging and brought one of the first CT scanners to the region; it also offers cardiovascular MRI and 3-D echocardiography. Heart and Vascular Center electrophysiologists provide state-of-the-art therapies including a new hybrid form of atrial fibrillation treatment that combines the tools for surgical and catheter ablation for patients with resistant atrial fibrillation, ventricular tachycardia and other complex arrhythmias. They also implant cardiac defibrillators and pacing devices—including one of the nation’s first wireless pacemaker implants. The Center’s cardiothoracic surgeons are recognized as leaders in heart valve repair, replacement and research. The cardiac rehabilitation program is the first in the state and one of the first in the country.

Newest programs include:

• Cardiovascular disease prevention, offering patients a comprehensive analysis of their individual risk factors by specialists in diet, exercise and hypertension.

• Heart valve service, focusing on the growing field of minimally invasive transcatheter interventions to repair and replace valves. The center’s close collaboration between pediatric and adult care will help young patients diagnosed with congenital heart disease transition seamlessly to adult care as they grow.

• Integrated cardiovascular research enterprise, involving services such as cardiovascular imaging, interventional radiology, the Hypertension Center, the J. Paul Sticht Center on Aging and Rehabilitation and the Wake Forest Institute for Regenerative Medicine. This vigorous research focus is intended to lead to new discoveries in the genesis and treatment of cardiovascular disease, and to continue to provide patients with the most advanced cardiovascular care.

Imaging Research and Outpatient Imaging
Wake Forest Baptist offers an easily accessible, freestanding imaging center for patients, and as an academic medical center uses digital equipment and the latest technologies in key research efforts across health disciplines.

Molecular Imaging Research
Leading-edge imaging capabilities are an essential component of successful research organizations. Wake Forest School of Medicine has a rich and successful history of performing molecular imaging research using positron emission tomography (PET). The school’s state-of-the-art molecular imaging assets include a cyclotron, 2 PET/CT scanners, a microPET scanner and a fully functional radiochemistry facility. These resources are integrated with the clinical nuclear medicine service into the newly formed Section of Nuclear Medicine and Molecular Imaging.

This combined section is led by a funded molecular imaging researcher and practicing, board-certified nuclear medicine physician overseeing the expansion of translational molecular imaging research into all of the institutional strategic priorities. The new section also works with individual investigators to incorporate molecular imaging services into their research programs. This allows researchers to add significant value to their existing work and can lead to new imaging innovations through close collaboration between talented researchers and molecular imaging experts.
MRI and Structural Imaging
Wake Forest Baptist has a dedicated MRI research facility with a new human and NHP 3T MRI scanner. Wake Forest Baptist received a grant of nearly $1 million in 2012 from the National Institutes of Health to purchase state-of-the-art Vevo LAZR Photoacoustics imaging technology. The system integrates the sensitivity of light-based imaging with the resolution of high-frequency sound waves to produce insights into living tissue cellular environment and flow of blood.

In 2013, Wake Forest Baptist opened a Virtual Microscopy Core Facility, offering state-of-the-art digital technology to generate highly accurate, detailed virtual images of glass slides that can produce publication-quality static micrographs.

Outpatient Imaging
Wake Forest Baptist Outpatient Imaging offers a full spectrum of outpatient imaging including:

- Magnetic Resonance Imaging (MRI)
- CT
- Digital screening mammography
- 3-D mammography
- Ultrasound
- Digital X-ray
- Bone density

In most cases, patients are scheduled the same day or the next day, and X-ray walk-ins are welcomed. A staff of more than 50 board-certified radiologists offers comprehensive interpretations of imaging exams.

Cardiovascular Imaging
Cardiovascular imaging at Wake Forest Baptist combines the expertise of the Heart and Vascular Center and the Radiology Department to detect and diagnose heart disease more accurately with faster scans that provide clearer images of the heart and cardiovascular structures. These two departments collaborate to give inpatients and outpatients access to state-of-the-art cardiac MRI, CT angiography, and cardiac ultrasound and stress testing services.

Brain Imaging
Magnetoencephalography (MEG) is a brain imaging technique that measures the magnetic fields emitted by brain cells (neurons), and allows mapping of brain activity with great precision in real time. Wake Forest Baptist is one of only 29 clinical sites in the country, and the only site in North Carolina and surrounding states to use MEG, which has the following advantages:

- It is non-invasive.
- It is highly sensitive and accurate.
- It is completely safe and patients are not exposed to radiation.

At the Comprehensive Epilepsy Center, MEG is being used to localize epileptic discharges in the brains of patients with seizures. MEG can also localize major brain regions that control movement, sensation, hearing, vision and language, which can be important for presurgical planning in neurosurgery. Surgeries are tailored to the individual patient based on the results of MEG.
Infectious Diseases

The **Section on Infectious Diseases** at Wake Forest Baptist is committed to excellence in research, clinical care and education. Its faculty members are recognized locally, nationally and internationally for their work in each of these areas.

The Section is involved in collaborative, translational research in hematology and oncology, microbiology, immunology, molecular medicine, aging, public health, vaccines and infection control. In 2014, external research funding exceeded $3 million.

The **Ryan White HIV Primary Care and Infectious Diseases Specialty Clinic** is one of the largest infectious diseases outpatient clinics in the state, following approximately 2,000 patients with HIV. It provides comprehensive services for HIV-positive adults, including specialty medical, nursing and pharmacy care; social work services; benefits advocacy; prescription assistance; oral health care; referrals to regional service organizations and to the full spectrum of medical care offered at Wake Forest Baptist.

The Section’s **International Travel Clinic** provides quality health information, medications and vaccinations to ensure safe and healthy travel overseas. The outpatient clinic also offers: preventive and curative medicine for tropical and infectious diseases; high-altitude medicine; travel-related obstetrics; occupational health, military and migration medicine; and pre- and post-exposure rabies vaccination.

The Section directs programs to prevent and control antimicrobial resistance and hospital-acquired infections within the Medical Center, and provides inpatient and outpatient consultations for a wide variety of infections.

**Minority Health/Health Disparities**

Wake Forest Baptist has long served as a leader in research and education focused on minority health and health disparities. The region is very diverse, and Wake Forest Baptist faculty members are nationally recognized for their research in African-American, American Indian, Hispanic/Latino, LGBT, and migrant/immigrant and rural populations. These initiatives address longstanding disparities in diabetes, cardiovascular disease, cancer, HIV and sickle-cell anemia, and seek to improve quality of care and quality of life in underserved communities.

A major component of the efforts at Wake Forest Baptist is the **Maya Angelou Center for Health Equity** (MACHE). The MACHE, created in 2002, envisions the achievement of health equity by advancing scientific discovery to action. The MACHE seeks to achieve this goal through research designed to improve population health, community partnerships to strategically impact health policies, and through programs designed to diversify the biomedical and public health workforce. The MACHE brings together centers and departments interested in health disparities, and includes more than 60 Medical Center faculty members. The MACHE is designated as a Health Disparities Center of Excellence with the National Institute on Minority Health and Health Disparities.
Nanotechnology
Wake Forest Innovations and the School of Medicine have a growing relationship with Wake Forest University’s Center for Nanotechnology and Molecular Materials. The commitment to nanotechnology in medicine is seen through research studying cancer, antibiotic resistance in infection, cardiothoracic disease, tissue regeneration, trauma and rapid response to injury, and toxicity. Nanotech solutions that are regenerative and reparative at the molecular level are being aggressively pursued by physicians, scientists and researchers.

Nephrology
Wake Forest Baptist Nephrology is a world forerunner in leading-edge research on inherited kidney diseases. In 2015, the program was ranked No. 18 in the country by U.S. News & World Report. The nephrology section has a faculty with internationally renowned expertise and provides highly specialized care for patients with chronic kidney failure, end-stage renal disease and hypertension. In addition to caring for the hundreds of patients who have transplant procedures each year, the program offers patients options in several types of home and outpatient dialysis at 16 freestanding centers located throughout the region. Wake Forest Baptist’s nephrology staff members take pride in their responsiveness and personal attention to patients and referring physicians.

The Section is well known for its research on peritoneal dialysis, hemodialysis, hypertension and the genetics of kidney disease, and has a patient-centered approach to research and other projects. Clinical issues are prime subjects for study, and this dedication to applied research has made the nephrology section a leader in clinical trials on dialysis and kidney disease funded by the National Institutes of Health. This has allowed Wake Forest Baptist physicians to make significant contributions to advancing the treatment of kidney disease.

Neurology and Neurosurgery
The combined 53-member faculty of Neurology and Neurosurgery offers comprehensive care for some of the country’s most disabling neurologic diseases. By partnering in research and state-of-the-art technology, Wake Forest Baptist is one of the largest providers of neurologic care in the region.

Neurology and Neurosurgery provide the best diagnostics with the most advanced technology and treatment available to patients with neurological disorders in western North Carolina, Virginia, Tennessee and West Virginia. Many of the department’s physicians are regarded as world experts in complex neurologic conditions, including spinal disorders, epilepsy, movement disorders and strokes. Nineteen physicians with Neurology and Neurosurgery have been named to the 2014 Best Doctors in America database.

The program was ranked in 2015 as 46th best in the nation by U.S. News & World Report. In 2014, Wake Forest Baptist became one of just 33 medical centers nationwide to be designated as a Comprehensive Stroke Center by The Joint Commission. The Stroke Center operates the Wake Forest Baptist Telestroke Network, serving 12 hospitals and 24 counties in North Carolina and Virginia, and providing expert stroke assessment and consultation in remote areas where smaller hospitals lack 24/7 neurological coverage.
Other specialty centers include: the Brain Tumor Center, the Level 4 Comprehensive Epilepsy Center, the Multiple Sclerosis Treatment Center, the Sleep Disorders Center, the Deep Brain Stimulator program (for patients with Parkinson’s disease or tremor) and the ALS Center (for patients with Lou Gehrig’s disease), one of two located in North Carolina. The pediatric neurology section has seven full-time members, four with specialty training in epilepsy and one with additional training in headache.

Neurology and Neurosurgery has one of the nation’s most experienced Gamma Knife treatment teams for noninvasive treatment of certain brain tumors and abnormalities, as well as the most advanced, next-generation technology: the Leksell Gamma Knife® Perfexion™. It is also home to North Carolina’s only MEG (magnetoencephalography), a noninvasive diagnostic tool that pinpoints brain activity centers and helps ensure the greatest precision in neurosurgical planning.

Wake Forest Baptist neurosurgeons and epilepsy specialists were among the first in the nation to use both a new, minimally invasive diagnostic procedure to identify locations where seizures originate in the brain and a minimally invasive laser ablation treatment to burn those areas and successfully reduce, and in many cases eliminate, seizures in patients. Wake Forest Baptist performs the most procedures in the state. Wake Forest Baptist is also home to the Epilepsy Information Service, a hotline managed by an internationally known epilepsy expert who handles 8,000 calls a year from physicians and patients seeking general information about epilepsy, the latest treatment options and locations of support groups.

Neurology and Neurosurgery faculty are involved in leading-edge research and clinical trials. Neurology researchers receive funding from the National Institutes of Health (NIH) for dystonia, neuromuscular disease, stroke and traumatic brain injury studies. Additional funding comes from the Department of Defense, foundations and industry. Many of the clinical trials offered are not available elsewhere in North Carolina, including: new and innovative research studies that focus on dystonia, Parkinson’s disease, epilepsy, stroke, spasticity, multiple sclerosis, ALS and Huntington’s disease. Faculty also conduct research with high-resolution, relational, resonance-based, electroencephalic mirroring (HIRREM™). This is a novel, noninvasive technology to facilitate relaxation and auto-calibration of neural oscillations by using auditory tones to reflect brain frequencies in near real time. Faculty have an active interest in new treatments incorporating integrative medicine in such disabling problems as headache and sleep.

Neurosurgery also has an active basic science and clinical research program studying and collecting data in areas including: neuronal plasticity in trauma, stroke and epilepsy; multicenter, funded studies on the response of acute spinal cord injury to gangliosides, a type of molecule found in the nervous system; the safety of stereotactic radiosurgery for metastatic and primary brain tumors; the management of asymptomatic and symptomatic carotid artery disease, a type of biophysical technology called flow cytometry and cytogenetics used in analyzing pediatric and adult tumors; and gene therapy for brain tumors.
Orthopaedics

Orthopaedics at Wake Forest Baptist is a leader in the country, ranked as High Performing by U.S. News & World Report. Wake Forest Baptist’s orthopaedic specialists treat every type of condition, from broken bones to complex joint replacements, with advanced techniques and research-based approaches. Orthopaedic surgeons perform procedures, many of which are minimally invasive, and follow pain and anesthesia protocols not widely available in the region. The department’s new Life Optimization program helps prepare patients for an active lifestyle, for surgery, or designs a program to maximize their activity and quality of life.

Orthopaedics’ expanding research mission has garnered millions of dollars to support translational work. Several faculty members are developing nanotechnology and tissue engineering solutions to manage orthopaedic pathology. Wake Forest Baptist also is participating in a consortium, established with support from the Department of Defense, to develop a network of clinical study sites that perform clinical outcome studies aimed at providing treatment guidelines for orthopaedic trauma.

Wake Forest Baptist also features an experienced sports medicine team, which includes orthopaedic rehabilitative and family medicine physicians, neurosurgeons and biomedical engineers. These sports medicine specialists treat high-level performers, “weekend warriors” and young athletes with the same level of individualized care. Wake Forest Baptist is the sports medicine provider for Wake Forest University, Winston-Salem State University, Salem College, UNC School of the Arts and the Winston-Salem Dash baseball team. Wake Forest Baptist is also the health care partner to D1 – Winston-Salem and has served as the Official Medical Provider of the Winston-Salem Open Tennis Tournament for the past four years.

Pediatrics and Brenner Children’s Hospital

The region’s only full-service pediatric hospital provides expert care for neonates through teens in a state-of-the-art facility. Brenner Children’s expertise includes more than 140 pediatricians specializing in more than 30 areas of pediatric medicine. In 2015, Brenner Children’s was named by U.S. News & World Report as one of America’s best children’s hospitals and is nationally ranked in Orthopedics (#48).

As the state’s first level I pediatric trauma center, Brenner Children’s Hospital’s pediatric emergency department is staffed 24/7 by pediatric specialists. The Level IV NICU at Brenner Children’s Hospital serves as the referral center for the more than 28,000 neonates born in Northwest North Carolina’s Perinatal Region II. It provides a comprehensive range of services from care of the tiny premature infant to complex cardiothoracic surgery using state-of-the-art equipment in one of North Carolina’s largest children’s hospitals. Highly specialized and unique treatment in pediatric specialties such as gastroenterology, urology, neurosurgery, cardiac care and orthopaedic surgery draw patients from across the Southeast.

Services also include Brenner FIT, the region’s first comprehensive pediatric obesity program, which helps families overcome obesity and offers innovative partnerships that provide health education and increase awareness. Many Brenner FIT programs and classes are open to the community at the William G. White Jr. Family YMCA in Winston-Salem, where Brenner FIT has a teaching kitchen.

In addition, Amos Cottage houses the programs and services that comprise the Pediatric Developmental & Behavioral Section. Developmental Pediatric Clinics, Children’s Developmental Services Agency, and Therapeutic Day Program offer medical sub-specialty and allied health care, early developmental intervention services and behavioral health care for children from across northwestern North Carolina.
Physical Medicine & Rehabilitation

Physical Medicine and Rehabilitation (PM&R) at Wake Forest Baptist, located in the Janeway Tower, is a newly created department that combines most of the Medical Center’s rehabilitation services.

PM&R is a nonsurgical, highly collaborative medical specialty that focuses on restoring patient functionality, in adults and children, following injury or illness. The most common conditions for patients participating in these programs include, but are not limited to, stroke, brain injury, spinal cord injury, major trauma, amputation, and other neurological and orthopaedic conditions.

PM&R integrates the services of rehabilitation physicians, nursing, rehabilitative psychologists and additional therapy modalities including physical, occupational, recreational and speech therapy in order to comprehensively approach a patient’s medical, physical, cognitive, social, emotional and vocational needs.

The new department offers a broader array of timely inpatient and outpatient treatment designed to improve patient care, shorten hospital stays and reduce readmissions.

PM&R works closely with our network of Supportive Care Services to ensure continuity of care from hospital to home.

PM&R manages inpatient rehabilitation beds at the Sticht Center on Aging and coordinates outpatient rehabilitation services, working collaboratively with the Comprehensive Cancer Center, Otolaryngology, Orthopaedics, Trauma, Neurology and Neurological Surgery departments depending on patient need.

Some of the programs are offered in a 39-bed facility at the Sticht Center on Aging and Rehabilitation that features private and semi-private rooms with fully accessible showers, a heated indoor pool, a horticulture room and a designated unit for patients with brain injury. Partnering with the patient and family, an interdisciplinary team of rehabilitation specialists, led by physicians specializing in Physical Medicine and Rehabilitation, prepares an individualized plan for each patient, with the ultimate goal of improving their functional independence and discharging them to their home. The inpatient rehabilitation programs have been awarded seven program accreditations from the Commission on Accreditation of Rehabilitation Facilities.
Plastic and Reconstructive Surgery

Plastic and Reconstructive Surgery at Wake Forest Baptist offers the highest quality in aesthetic and reconstructive surgery. The department provides cosmetic procedures such as facial rejuvenation, otoplasty, abdominal and extremity contouring, the treatment of varicose and spider veins, tattoo removal and scar revision. The unit’s reconstructive services include: trauma treatment of hand, head, neck and soft tissue injuries; congenital reconstruction, including hand, extremity, chest wall and breast; reconstructive surgery for cancer, including head and neck tumors and breast reconstruction; and acute and chronic burn care through the Wake Forest Baptist’s Burn Unit, one of only two in North Carolina.

The department includes the Center for Comprehensive Wound Care, which specializes in the evaluation, diagnosis and treatment of acute and chronic wounds through innovative techniques and individualized treatment plans, and the North Carolina Center for Cleft and Craniofacial Disorders, which provides thorough and up-to-date care for cleft lip and palate, craniofacial syndromes, congenital ear deformities, vascular anomalies and other conditions. The department has offices in Winston-Salem and Greensboro.

Public Health Sciences

The Division of Public Health Sciences (PHS) is a group of public health-oriented faculty and staff focused on enhancing public health and preventing disease by developing better strategies for maintaining the health of the entire community.

The division features world-class expertise in three departments: Biostatistical Sciences, Epidemiology & Prevention, and Social Sciences & Health Policy.

Biostatistical Sciences includes faculty and staff with expertise in statistics, programming, data management, and clinical trial conduct and management. The department conducts and publishes research in statistical methodology, study design, statistical applications, quantitative epidemiology, systems development, applications programming, and other empirical or information-based disciplines.

The faculty and staff in Epidemiology & Prevention are dedicated to research and teaching, and they study the cause and prevention of chronic diseases and their complications. The ultimate goal of these efforts is to reduce death and disability, and improve quality of life.

The mission of Social Sciences & Health Policy is to improve the human condition through the application of social sciences and policy research to health and health care. Recognizing that health and health care represent complex challenges, faculty and staff are committed to collaborative, interdisciplinary and translational approaches to research, education and community involvement.

Overall, PHS is heavily involved in clinical trials and population research studies, frequently tackling complex health problems such as cardiovascular disease, diabetes and cancer, and often working with at-risk populations with the ultimate goal of improving the health of communities. The division is located in the 525@Vine building at the Innovation Quarter.
**Pulmonology**

Ranked 37th in the nation by U.S. News & World Report for pulmonology, Wake Forest Baptist provides a full range of clinical services to patients with respiratory, allergic, immunologic and sleep disorders. It is the only comprehensive center for allergic and respiratory disease in the southeastern United States with NIH-supported networks in asthma, severe asthma, COPD and adult respiratory distress syndrome. It offers the largest number of diagnosis and treatment options in western North Carolina.

Respiratory disease services provided at Wake Forest Baptist are coordinated in the Section on Pulmonary, Critical Care, Allergy and Immunologic Diseases. Many of these services are not readily available at other medical facilities, including:

- Clinical trials for leading-edge diagnostic and treatment options for common pulmonary problems such as asthma, chronic obstructive pulmonary disease, acute respiratory distress syndrome and lung cancer. The Lung Cancer Alliance has named Wake Forest Baptist a Screening Center of Excellence.
- Expertise in advanced diagnostic and therapeutic bronchoscopy.
- Comprehensive management of chronic respiratory diseases.
- A thoracic oncology program.
- Advanced treatments for occupational pulmonary diseases such as mesothelioma and asbestosis.
- Specialty clinics for severe asthma, pulmonary hypertension, sleep disorders, bronchiectasis and cystic fibrosis.

Critical care services provided at Wake Forest Baptist include expert management of patients with critical illness by physicians who are board certified in critical care medicine, in conjunction with expert consultants representing the full range of medical and surgical specialties. Patients with severe critical illness are regularly transferred to Wake Forest Baptist for life-sustaining treatments often unavailable at other hospitals. A rigorous safety and quality improvement structure within the medical intensive care unit ensures that each patient receives the best available care during their illness, while dedicated support nurses focus on the comfort and experience of patients and their families.

At the core of this Section’s expertise is extensive clinical experience and knowledge gained through active research. The Section has ongoing National Institutes of Health-funded research programs in asthma and chronic obstructive pulmonary disease, acute respiratory distress syndrome and sepsis, and genetic susceptibility to respiratory diseases.
Radiology and Interventional Radiology
Wake Forest Baptist offers a full complement of screening, diagnostic and interventional radiological technologies. The physician staff has more than 50 board-certified radiologists, 14 radiology fellows and 40 residents, who, cumulatively, interpret more than 400,000 imaging exams each year. Among the services available are:

- Advanced magnetic resonance imaging (MRI) techniques.
- Computed tomography (CT) using 64-slice technology, suitable for advanced cardiovascular and neurologic applications.
- Cerebral and peripheral angiography, including stenting of blocked carotid, renal and lower extremity blood vessels.
- A wide range of percutaneous therapeutic techniques, such as fine-needle biopsies, treatment of stroke, and stenting of carotid, renal and other arteries.

Interventional Radiology
Many conditions that once required surgery can now be treated without surgery through an interventional radiologist, a physician who specializes in minimally invasive procedures using X-ray, ultrasound, MRI and CT scans. The most common procedures performed include angiograms with angioplasty and stenting, uterine fibroid embolization (UFE), varicose vein ablation, chemoembolization and radiofrequency ablation. The minimally invasive procedures offered by Interventional Radiology have less risk, less pain and less recovery time compared to open surgery.

Vein Services provides comprehensive care for a wide range of venous problems, including the virtually painless treatment of varicose veins, spider veins and advanced venous stasis disease.

Regenerative Medicine
The Wake Forest Institute for Regenerative Medicine (WFIRM), which is among the most prominent programs of its kind in the country, is working to engineer replacement tissues and organs and develop healing cell therapies for more than 30 different areas of the body. In 1999, this research team was the first in the world to successfully engineer replacement organs in the lab that were implanted in patients. As a testament to its reputation, the institute was selected in 2013 to direct the second phase of the Armed Forces Institute for Regenerative Medicine study, a federally funded project that applies regenerative medicine to battlefield injuries, and has led to a “body on a chip” project to speed up the development of antidotes for chemical and biological weapons. In 2014, the team reported success implanting engineered vaginas in four teenage girls with a rare congenital defect. This followed other world firsts, such as implanting engineered urine tubes and developing a mini-liver that functions in the lab. The Institute is based at Wake Forest Innovation Quarter in downtown Winston-Salem and collaborates with many other programs at Wake Forest Baptist, elsewhere in the U.S. and around the world.
Transplantation Services
Wake Forest Baptist transplantation services are unique in the region and encompass kidney, pancreas, heart, corneal and marrow transplants. The Heart and Vascular Center performs heart transplants, offers the community’s only ventricular assist device (VAD) program and holds advanced certification as a VAD Center from The Joint Commission. In the 2015 fiscal year, the abdominal organ transplantation program performed 165 transplants, including 48 for patients who were older 60 and four transplants to pediatric patients. The overall patient, kidney and pancreas graft survival rates are 99.4 percent, 98 percent and 100 percent, respectively. The Medical Center is one of the 30 most active kidney and pancreas transplantation centers in the country, as well as the largest kidney and pancreas transplant center in the state of North Carolina.

The HLA/Immunogenetics Laboratory at Wake Forest Baptist Medical Center provides critical testing services for:
- Patients awaiting kidney, pancreas and heart transplantation.
- Patients requiring allelic level HLA typing for related and unrelated bone marrow transplantation.
- Patients requiring HLA-compatible platelet transfusions.
- Patients with conditions or diseases associated with certain HLA antigens.

Urology
Wake Forest Baptist’s Department of Urology was ranked in 2015 as the 28th best program in the nation by U.S. News & World Report. The department is a major referral center that brings together the best of patient- and family-centered care and research, offering understanding, expertise and the latest in diagnostic techniques and treatments for kidney stones, urologic cancer, incontinence, pelvic pain, congenital abnormalities and men’s health issues. Wake Forest Baptist urologists are experienced in caring for the most complicated and difficult cases. In many areas, the department’s urologists have helped set nationwide standards for urologic care. Because faculty members are active clinicians as well as researchers, the department is able to offer patients new treatments and technology before they are widely available.

The department also specializes in minimally invasive surgical procedures using the newest technology, including robot-assisted laparoscopic procedures for both adults and children. The minimally invasive surgery team is led by an internationally recognized expert who helped establish robotic surgery in the field of urology and has traveled the globe initiating urologic robotic surgery programs.

Weight Management Center
The Weight Management Center at Wake Forest Baptist is among a handful of weight loss clinics nationwide to offer comprehensive medical weight loss and surgical weight loss programs in one location. The facility in Winston-Salem allows patients to make the most informed decision when choosing a weight loss option, and engages a dedicated team of dietitians, fitness specialists, health behaviorists and doctors for optimal success. The surgical weight loss program has been recognized as an accredited Surgery Center of Excellence by the American Society of Metabolic and Bariatric Surgery. Surgeons perform all major bariatric surgeries, but patients who do not desire or need surgery also can choose from two tailored non-surgical programs to help them make key lifestyle changes that lead to weight loss and improved overall health. The Weight Management Center has an onsite private fitness studio and a nutrition shop.
Women’s Health
Wake Forest Baptist’s Department of Obstetrics and Gynecology is ranked as High Performing by U.S. News & World Report, affirming the program’s status as a national leader in innovation, surgery, research and clinical service. Recently, 13 new faculty physicians have joined the program, expanding the department’s expertise in general gynecology, urogynecology and pelvic reconstructive surgery, and maternal-fetal medicine. The department’s centers for assisted reproductive technology and comprehensive fetal care continue to be nationally recognized for outstanding patient outcomes.

The mission of the Center for Research in Obstetrics and Gynecology is to advance knowledge and improve clinical care for women throughout their lives. The center has active, funded investigation in the areas of ovulation induction, embryonic implantation, effects of the fetal environment on long-term health, preterm birth prevention, endometrial and ovarian cancer, and menopausal health.

Educational programs include organized curricula for patient outreach, undergraduates, medical students, residents (in Ob/Gyn, Internal Medicine and Family Medicine), fellows in maternal-fetal medicine as well as the training of advanced visiting scientists.
History

1902
Wake Forest College Medical School is founded as a two-year program on the campus of Wake Forest College in Wake Forest, N.C.

1923
North Carolina Baptist Hospital opens in Winston-Salem as an 88-bed facility with a School of Nursing.

1939
A trust fund of $750,000 established in the will of Bowman Gray Sr. is pledged to relocate the Wake Forest Medical School to Winston-Salem and expand its program to four years.

1941
Bowman Gray School of Medicine opens in Winston-Salem with 75 students.

1942–44
North Carolina Baptist Hospital adds programs to train dietitians, nurse anesthesiologists, X-ray technicians and medical technologists.

1943
Members of first graduating class of Bowman Gray School of Medicine receive MD degrees.

1947
The School of Pastoral Care opens.

1956
Wake Forest College relocates to Winston-Salem.

1957
The Medical Center becomes the first in the state to use cobalt to treat cancer patients.

1964
The Medical Center adopts desegregation policies related to patient and family-centered care, education and employment.

The first hand reimplantation in the United States is performed at the Medical Center.

1967
Wake Forest College becomes Wake Forest University.
1968
The Division of Allied Health Sciences and the Physician Assistant program are established.

1969
The Medical Center is the first in the nation to use ultrasound to detect prostate cancer.

1974
The Northwest Area Health Education Center (AHEC) is established to improve the quality and accessibility of health care through education. Headquartered at the School of Medicine, Northwest AHEC serves a 17-county area.

The School of Nursing is closed.

1977
Obstetrical services in Forsyth County are consolidated at Forsyth Memorial Hospital (now Novant Health Forsyth Medical Center).

1981
Brenner Center for Adolescent Medicine opens. It is the first facility of its kind in the state to provide a teaching program in adolescent medicine for medical students and pediatric residents, and an adolescent medicine clinic.

1983
Magnetic resonance imaging (MRI) system is installed, the first in the state at an academic medical center.

The Medical Center is first in the nation to use transcranial Doppler ultrasound, measuring atherosclerotic buildup on the walls of the carotid artery and imaging the arterial circulation in the brain.

1986
The Medical Center launches AirCare, a critical care helicopter transportation service.

Brenner Children’s Hospital is established through a gift from the Brenner Foundation, incorporating and expanding upon the Brenner Center for Adolescent Medicine.

The Medical Center is the first in the nation to use lithotripsy to break up common duct gallstones.

1989
Bone marrow transplantation program is created.

Medical Center surgeons perform the first single-lung transplant in the state.
1990
National Cancer Institute designates the Cancer Center of Wake Forest University as a Comprehensive Cancer Center.

The state’s first molecular cell genetics laboratory is established at the Medical Center.

The Medical Center is the first in the state to use stereotactic radiosurgery to treat tumors and blood vessel abnormalities deep within the brain.

Medical Center cardiologists are the first in the state to open a blocked artery with a laser.

1991
The Medical Center is named a Claude D. Pepper Older Americans Independence Center.

1993
The Department of Physiology and Pharmacology moves into a converted R.J. Reynolds Tobacco Co. warehouse in downtown Winston-Salem, the start of what would become Piedmont Triad Research Park (now Wake Forest Innovation Quarter).

1997
North Carolina Baptist Hospital and the Bowman Gray School of Medicine become Wake Forest University Baptist Medical Center. The medical school is renamed Wake Forest University School of Medicine and its site is renamed the Bowman Gray Campus.

The J. Paul Sticht Center on Aging and Rehabilitation opens. It is the first center in the world to incorporate geriatric acute care, transitional care, psychiatry and rehabilitation under one roof.

1998
The state’s first Gamma Knife is installed at the Medical Center.

1999
The Medical Center is the first in the world to report the successful use of magnetic resonance imaging (MRI) to diagnose significant blockages in blood vessels leading to the heart.

The Medical Center is the first in the state to achieve Magnet Award status from the American Nurses Credentialing Center (ANCC), recognition that the nation’s highest standards for nursing excellence are met.

2000
The School of Medicine establishes a Center for Human Genomics to facilitate the identification of high-risk genes linked to common diseases, enabling improved treatment.

The Downtown Health Plaza of Baptist Hospital opens, replacing Reynolds Health Center.
2002
The Medical Center announces plans for a long-term expansion of the Piedmont Triad Research Park (now Wake Forest Innovation Quarter) with the goal of creating a 200-acre, mixed-use park focusing on biotechnology and life sciences.

The School of Medicine establishes the Maya Angelou Research Center on Minority Health, now called the Maya Angelou Center for Health Equity.

Ardmore Tower West is opened. The $142 million, 400,000-square-foot tower includes 11 new floors, six of which house Brenner Children’s Hospital.

The world’s first live Internet broadcast of a deep brain stimulator implantation for Parkinson’s disease, representing the state’s first live webcast of a surgical procedure of any kind, takes place at the Medical Center.

The Medical Center signs an agreement to manage Davie County Hospital in Mocksville.

2003
Classes begin at the new Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences. Students attend at their home school and also online with video conferencing (today, Wake Forest students meet at Wake Forest Biotech Place).

2004
Internationally recognized tissue engineering program moves to the Medical Center to become the Wake Forest Institute for Regenerative Medicine.

Comprehensive Cancer Center opens a 250,000-square-foot outpatient facility.

2005
The Medical Center is the first in the state to install magnetoencephalography (MEG), a diagnostic tool that noninvasively measures minute brain activity.

2006
The first human recipients of organs grown in the laboratory from patients’ own cells are reported by researchers at the Wake Forest Institute for Regenerative Medicine.

The 180,000-square-foot Biotechnology Research Facility 1 (now the Richard H. Dean Biomedical Building) opens in the Piedmont Triad Research Park (now Wake Forest Innovation Quarter).

2007
A major restructuring creates a “single CEO” organization for Wake Forest University Baptist Medical Center, with clinical, education and research leaders reporting to one chief executive officer.

The Medical Center’s Board of Trustees assumes control of Davie County Hospital (now Wake Forest Baptist Health–Davie Medical Center). It announces plans to build a replacement hospital in eastern Davie County and a primary care center in Mocksville.
2008
John D. McConnell, MD, is named the first chief executive officer of the integrated Medical Center.

The Medical Center’s first primary care center and walk-in clinic opens in Mocksville.

Scientists from Wake Forest Baptist’s Center for Human Genomics report that a simple blood test can help determine which men are likely to develop prostate cancer.

The Medical Center announces an affiliation agreement with Lexington Memorial Hospital (now Wake Forest Baptist Health – Lexington Medical Center).

2010
Following up on groundbreaking 2003 School of Medicine research that found unidentified genes on chromosomes 18 and 3 are linked to severe kidney damage in younger blacks with diabetes, Medical Center researchers are one of three groups of investigators to identify APOL1 as a key gene. The research shows that people with this gene, usually African-American, are more likely to have non-diabetic kidney disease. Wake Forest Baptist researchers continue to work on understanding the gene and how it works, hoping to develop means of blocking the problem and protecting people from kidney disease. Wake Forest Baptist has the largest network of academically operated dialysis centers in the nation.

2011
Wake Forest University Baptist Medical Center changes its brand name to Wake Forest Baptist Medical Center. A new clinical enterprise, Wake Forest Baptist Health, is announced, while education and research functions are renamed Wake Forest School of Medicine.

Brenner Children’s Hospital opens a 20,665-square-foot Emergency Department and is designated a Level I Pediatric Trauma Center, the first in the state.

Researchers at the Wake Forest Institute for Regenerative Medicine engineer the first functional anal sphincters from human cells.

Wake Forest School of Medicine is one of six research institutions across the country chosen to be part of Toyota’s Collaborative Safety Research Center to enhance the development, testing and implementation of new automotive safety measures.

2012
The Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences launches the first study of head impacts in the millions of children and teenagers who play in Pop Warner football programs and on middle school and high school football teams.

The 242,000-square-foot Wake Forest Biotech Place opens in two converted R.J. Reynolds Tobacco Co. buildings in the Piedmont Triad Research Park (now Wake Forest Innovation Quarter).
2013
Piedmont Triad Research Park is renamed Wake Forest Innovation Quarter, and a new division, Wake Forest Innovations, is created to drive the commercialization of products and services developed at Wake Forest Baptist.

The Wake Forest Baptist Health—Davie Medical Center campus in Bermuda Run opens, providing 24/7 emergency services and outpatient surgery to Davie Country residents.

A 282,800-square-foot addition to the Comprehensive Cancer Center opens, consolidating inpatient and outpatient cancer services under one roof.

2014
Wake Forest School of Medicine stroke researchers play a key role in the development of new guidelines issues by the American Heart Association to helping to prevent stroke in women.

The U.S. Department of Defense funds Wake Forest School of Medicine research to evaluate the effect of using brainwave balancing to reduce symptoms related to post-traumatic stress disorder (PTSD) in military personnel.

A new headquarters for Inmar opens in Wake Forest Innovation Quarter, allowing the information technology company to bring more than 900 employees downtown. In addition, another mixed-use building, 525@Vine, opens, becoming the home of Wake Forest Baptist’s Division of Public Health Sciences and Department of Physician Assistant Studies, as well as private ventures such as a YMCA branch, a co-working space called FlyWheel and a Forsyth Technical Community College small business program that will educate 1,200 students a year.

The Medical Center announces plans for a new $50 million medical education building in the Innovation Quarter to open by mid-2016.

2015
Wake Forest Baptist cardiac surgeons are the first in the state to perform a less-invasive aortic valve replacement procedure called transcaval valve replacement.

The Abdominal Organ Transplant Program at Wake Forest Baptist performs its 3,000th kidney transplant.

Division of FaithHealth

The mission of the Division of FaithHealth is to build, align, and animate the full breadth of religious and community health assets to improve access to health care and the health of the community, beginning with those served by Wake Forest Baptist Medical Center.

Supporting patients spiritually and offering ministries of growth, hope and healing is an important part of the work of an academic medical center, and Wake Forest Baptist has, since its earliest days, been an innovator in forging health and spiritual connections.

The division’s groundbreaking programs are:

• FaithHealthNC, which helps ease the journey to health and healing for people and the communities in which they live. It does this by connecting the caring strengths of congregations, the clinical expertise of providers and a network of community resources. FaithHealthNC also serves as a liaison between Wake Forest Baptist Health and congregations of all denominations. It has a strong relationship with the Baptist State Convention of North Carolina and the Cooperative Baptist Fellowship of North Carolina. It also coordinates and promotes the annual Mother’s Day Offering that assists patients in need at the Medical Center. FaithHealth Division’s Supporters of Health work in underserved areas of Winston-Salem in collaboration with various community-based agencies to connect them with vital resources, helping to improve overall community health.

• Chaplaincy and Clinical Ministries, which, through the Clinical Pastoral Education (CPE) program allows Wake Forest Baptist Health chaplains to provide spiritual and supportive care to patients, their loved ones and staff of the Medical Center. Chaplains serve in several capacities, including a 24-hour, on-call ministry within the hospital, and helping people with a range of medical, emotional and spiritual crises. The CPE educational program is one of the oldest and largest in the nation, and offers a variety of programs, including some in community-based settings.

• CareNet is a statewide behavioral health partner with FaithHealth. From a pastoral counseling tradition, CareNet’s 60 licensed clinicians and 20 graduate-level interns provide faith-integrated counseling, psychotherapy, education and professional services to individuals, families, groups, congregations, nonprofits and communities. Its 37 clinical sites (with two new regional areas slated to open in 2015) cover 80 of North Carolina’s 100 counties and parts of the four contiguous states. Considered a national thought and practice leader in clinical, educational and operational paradigms for traditional and leading-edge behavioral health programs, CareNet is the largest hospital-based program of its kind in the country. CareNet also provides a counselor to the YMCA of Northwest North Carolina and offers counseling to first-time homeowners through Habitat for Humanity.
• FaithHealth Education offers educational opportunities—such as Clinical Pastoral Education, Caregiver Training for congregational caregivers, and internships—that support the mission of the FaithHealth division.

• **Center for Congregational Health** provides ministry and training to hundreds of faith communities, lay leaders and clergies every year across the country and in several foreign countries. The Center for Congregational Health is one of the oldest and most respected church consulting institutions in the United States.

• **Stakeholder Health** is hosted at the Division of FaithHealth. Stakeholder Health is a national voluntary movement of people working within hospital health systems who see in the current policy environment the opportunity to address the underlying causes of poor health in their communities by strategically shifting existing resources and partnering with diverse stakeholders.

The Medical Center also is home to Davis Memorial Chapel, a place of reflection on the campus since 1954. The Tudor Gothic-style chapel is located on the first floor of Watlington Hall and is open 24 hours a day for prayer and reflection, with services Mondays, Wednesdays and Fridays at noon and a Sunday service at 12:30 p.m. Dress is informal.
Office of Development and Alumni Affairs

The Office of Development and Alumni Affairs seeks philanthropic support to help Wake Forest Baptist carry out its mission to improve health.

The office engages members of the community, friends and alumni throughout the country and the world who demonstrate their interest in helping others by supporting Wake Forest Baptist in:

- Providing compassionate care to patients and their families along with rigorous medical expertise.
- Educating the next generation of leaders in medicine and biomedical science.
- Advancing basic medical research and discoveries that will transform lives in our community and around the world.

Philanthropic gifts of all amounts ensure that Wake Forest Baptist’s vital work continues. In the 2014 fiscal year, the Medical Center received approximately $24.2 million in philanthropic support from more than 10,000 individuals, corporations, foundations and organizations.

Gifts to Wake Forest Baptist Medical Center, a 501(c)(3) charitable organization, are tax deductible as permitted by law. Each contribution is appreciated and is essential to funding the Medical Center’s mission.

To learn more about the Office of Development and Alumni Affairs, go to WakeHealth.edu/giving or WakeHealth.edu/alumni, or call 336-716-4589 or toll-free, 800-899-7128.
Coy C. Carpenter Library

The Coy C. Carpenter Library is the principal learning resource serving the academic needs of the faculty, staff and student body of the School of Medicine and the Medical Center. The library, named in memory of the longtime dean of the School of Medicine, owns more than 145,000 bound volumes, 4,594 periodicals, 1,400 electronic textbooks and 64 databases.

The library’s website allows affiliated users to access nearly all Web-based resources from any computer in the world. The public can link to a variety of websites dispensing medical information through the website.

The library offers instruction on databases (Reference Manager, EndNote), software (Microsoft Word, PowerPoint) and content management systems (Ektron). The library has more than 90 connections to the Academic Network for faculty and student users, as well as a wireless network. Open daily for 100 hours a week all year, the library serves as a haven for researchers and students looking for study space.

The library produces the Faculty Publications Database, which contains more than 46,000 citations to School of Medicine-authored journal articles, books and book chapters.

An archives program was begun in 1974 to create a permanent repository and reference center for records pertinent to the history of the School of Medicine, North Carolina Baptist Hospital and Wake Forest University (as it relates to medicine). Dedicated in 1991 to honor the widow of Coy Carpenter, the Dorothy Carpenter Medical Archives is the official repository for several professional associations. Archives members work closely with the library to develop and maintain special collections of rare and historical value, such as the McHenry Collection in the History of Neurology, the North Carolina Baptist Hospital Nursing School collection, the History of Medicine and the Suzanne Meads Art in Medicine Collection. The Archives’ website contains several digital collections and oral histories relating to the school’s past.
Global Outreach

Wake Forest Baptist’s Office of Global Health (OGH) serves as the conduit facilitating global health education, clinical outreach, service opportunities, research and affiliate collaborations. The OGH aligns with the Medical Center’s desire to positively impact global health through utilization of the expertise, energy and creativity of faculty, residents, students and staff at Wake Forest Baptist. Since its inception, the OGH has had incredible growth in the number of those participating and in the myriad of activities sponsored. Its current strategic focus areas include:

- Fostering collaborative growth with international affiliation sites around the world. Current affiliations include: Changhai Hospital & Second Military Medical University in Shanghai, China; Medical University of Vienna, Austria; Tamale Teaching Hospital in Tamale, Ghana; Tokai University in Tokyo, Japan; University of Navarra in Pamplona, Spain; UCIMED in San Jose, Costa Rica; and AMOS Nicaragua in collaboration with Wake Forest University.
- Increasing global health awareness and participation for students, residents, faculty and staff.
- Growing the capacity of the Global Health Certificate Program, launched in August 2014, a series of projects and seminars that culminate in a service or capstone project impacting health in developing or resource-limited countries.
- Increasing research and educational partnerships in global health.
- Serving alongside each other through “Wake Works” outreach projects.
Public Resources

Health On-Call®
Health On-Call offers physician referrals and answers general health questions through a free 24-hour community access line operated by registered nurses at 336-716-2255 or 800-446-2255.

Websites
The Medical Center maintains an award-winning website, WakeHealth.edu, through which information can be accessed about the services of Wake Forest Baptist Medical Center and its subsidiaries with regard to patient care, Brenner Children’s Hospital, Wake Forest School of Medicine, Wake Forest Innovations and more.

Patient and Family Relations
The Patient and Family Relations staff is privileged to assist patients, family members and visitors with questions, concerns or needs related to Wake Forest Baptist Medical Center or its subsidiaries.

Office hours are Monday through Friday from 8 am until 5 pm. Patient and Family Relations can be reached at 336-713-2273. After hours, please call the nursing supervisor at 336-716-3418.

Language Services
Wake Forest Baptist Medical Center recognizes that effective communication and understanding are the foundation of patient safety and quality care, and the Medical Center respects patients’ right to receive information in a manner that they can understand. In compliance with the Americans with Disabilities Act, Section 504 of the Rehabilitation Act of 1973, Title VI of the 1964 Civil Rights Act, CLAS Standards, The Joint Commission standards and other federal regulations, non-English and sign language interpreter services are available 24 hours a day, 7 days a week, free of charge to patients and their families.
Arts & Health

The Arts & Health program seeks to enhance health and well-being through visual and performing arts. It provides entertaining, inspirational and healing art programs for patients, their families and Medical Center employees. Its many offerings include:

- Healing Voices, a group of Medical Center employees and friends who enjoy singing and contributing to the healing arts. Healing Voices performs twice a month on various patient units in the Medical Center, once at noon on the first Wednesday of each month and once at 4 pm on the third Wednesday of each month.

- Arts Alive, a performing arts series to benefit patients, visitors and employees that includes free vocal and instrumental concerts at locations throughout the Medical Center.

- Art kits for patients, their family members and employees to use during times of stress, depression, pain, boredom and isolation in hopes of alleviating these symptoms and creating positive feelings that aid in healing.
Physician Resources

Physician’s Access Line
The Physician’s Access Line (PAL®) is a physician-to-physician hotline that provides convenient access to Wake Forest Baptist specialists 24/7, to assist with patient transfers, referrals or consultations. The PAL® number is 1-800-277-7654.

Brenner Children’s Hospital has its own physician’s access line called BrennerPAL®, 1-877-716-1999.

MedChannel.WakeHealth.edu, an Online Physician Learning Channel
MedChannel is an online physician education channel that provides national and regional clinical professionals easy access to Wake Forest Baptist educational resources. It serves as a platform to showcase the unique expertise, technology and state-of-the-art treatments offered by faculty and staff, and it provides medical professionals with a trusted resource for a wide range of educational content.

Physician Liaisons
The Physician Liaison program allows experienced health care professionals to work with referring providers and staff to better serve patients. The liaisons provide information about new programs, physicians, services and clinical trials. They also help resolve issues and service concerns with providers. The program also offers WakeHealthLink, a secure, password-protected Web-based portal that allows referring providers and their support staff view-only access to the medical records of patients who are either referred to, or by, Wake Forest Baptist.

Refer WFBH
The Refer WFBH mobile app offers physicians the resources to find a specialist, clinic location or clinical trial. It also provides direct access to a specialist’s office or a Wake Forest Baptist physician liaison.
Support Organizations

Amos Cottage Guild
The Amos Cottage Guild is responsible for volunteer services such as pet therapy and monthly birthday celebrations at Amos Cottage, the non-profit that provides services to children with developmental and behavioral disabilities. The Amos Cottage Guild raises money that make possible special celebrations for the children and supplies used by Amos Cottage therapists.

Friends of Brenner
Friends of Brenner Children’s Hospital are volunteers who support the hospital through fundraising and community awareness activities. The group holds three major fundraising events annually. They are:
- Cheers! A toast to children’s health, held annually in April.
- Brenner Fit 5k Challenge and Fun Run!, held annually in September.
- The 99.5 WMAG Brenner Children’s Hospital Radiothon, held annually in December.

Medical Center Guild
The Medical Center Guild, an organization for spouses of faculty and house staff, hosts prospective medical students and newcomer luncheons, and undertakes many projects and fundraisers that benefit the Medical Center.

Volunteer Services
The hospital has close to 1,700 volunteers who contributed more than 135,000 hours of service in the 2014 fiscal year working in a variety of jobs. Volunteers help with everything from assisting family members in the Emergency Department to playing with children in Brenner Children’s Hospital.
Health Services and Collaborations

**Wake Forest Baptist Medical Center** supports independent and collaborative community health efforts with funding and in-kind services.

- Northwest Community Care Network is a network of health care providers and care managers partnering to improve the health of the Medicaid population in Davidson, Davie, Forsyth, Stokes, Surry, Wilkes and Yadkin counties. There are 120 medical practices and more than 80,000 Medicaid patients enrolled.

- Community Care Center is a free medical care center operated by Davie/Forsyth/Stokes Medical Society.

- Community sponsorships for events from organizations that benefit the health of the community, such as the American Heart Association, the Susan G. Komen Foundation, the Ronald McDonald House, SciWorks, Senior Services and the N.C. Stroke Association.

- Forsyth County Healthy Community Coalition, which does community health assessment and resource planning.

- Forsyth County Department of Public Health, which involves planning and implementing strategies for the Community Health Assessment process and supporting the work of various disease-specific community coalitions (e.g., chronic disease, infant mortality).

- Forsyth County Infant Mortality Reduction Coalition, a community advocacy partnership.

- Forsyth Futures, a nonprofit collaborative of residents, organizations and institutions working together to address critical community issues.

- HealthCare Access, Inc., an initiative to equitably share the burden of indigent care in Forsyth County.

- Leadership Winston-Salem, an organization that works to educate, connect and energize leaders to serve and improve the community.

- N.C. Prevention Partners, a statewide nonprofit and leader in reducing preventable illness and early death caused by tobacco use, poor nutrition and physical inactivity.

- Resident Child Advocacy Program, which provides community-focused child advocacy training for the Medical Center’s pediatric residents.

- Safe Communities Coalition, a multi-agency group focused on injury prevention.

- School Health Alliance for Forsyth County (SHA) for school-based services.

- School Health Advisory Council (SHAC), which focuses on school policy and system changes to improve student health and safety.

- United Way of Forsyth County.

- Winston-Salem/Forsyth County Arts Council.

- YMCA of Northwest North Carolina.
Campus Map

Directions

From Business 40 East: Take Cloverdale Avenue, exit 4. Go straight at light onto Medical Center Boulevard. Turn left into Patient & Visitor Parking Deck. For valet parking, go up hill and around curve to Main Entrance. Turn left. Go under building and straight ahead.

From Business 40 West: Take Cloverdale Avenue, exit 4. Turn right onto Cloverdale Avenue. At traffic light, turn left onto Medical Center Boulevard. Turn left again into Patient & Visitor Parking Deck. For valet parking, go up hill and around curve to Main Entrance. Turn left. Go under building and straight ahead.
Telephone Numbers

Main Medical Center ................................................................. 336-716-2011
Medical Appointments ......................................................... 888-716-WAKE (9253)
Patient Information ................................................................. 336-713-0000
BestHealth ................................................................. 336-713-BEST (2378)
Volunteer Services ............................................................... 336-713-3514
Medical Education ................................................................. 336-716-4524
Alumni Affairs ................................................................. 336-716-4589
Communications, Marketing & Media........................................... 336-716-4587

Mailing Address

Wake Forest Baptist Medical Center
Medical Center Boulevard
Winston-Salem, NC 27157

WakeHealth.edu
336-716-WAKE

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