



EMORY | WOODRUFF HEALTH SCIENCES CENTER

At a Glance | 2023





Cover and above: The WHSC Health Sciences Research Building (HSRB) II opens spring 2023.



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Founded in 1966, the Woodruff Health Sciences Center is named for the legendary leader of The Coca-Cola Company, Robert W. Woodruff. It includes three schools, a national primate research center, a cancer institute, four research and educational units, and the most comprehensive health care system in Georgia. The center is a component of Emory University (see box below), and many of its facilities are located on Emory's main campus, five miles east of downtown Atlanta. The center also has clinical facilities throughout metro Atlanta and the state.

Woodruff Health Sciences Center (WHSC) Components

- Emory University School of Medicine
- Nell Hodgson Woodruff School of Nursing
- Rollins School of Public Health
- Emory National Primate Research Center
- Winship Cancer Institute
- Emory Global Diabetes Research Center of the WHSC
- Emory Global Health Institute
- WHSC Office of Interprofessional Education and Collaborative Practice
- WHSC Office of Well-Being
- Emory Healthcare (EHC)
 - Emory University Hospital
 - Emory University Hospital Midtown
 - Emory University Orthopaedics & Spine Hospital
 - Emory Rehabilitation Hospital
 - Emory University Hospital at Wesley Woods
 - Emory Saint Joseph's Hospital
 - Emory Johns Creek Hospital
 - Emory Decatur Hospital
 - Emory Hillandale Hospital
 - Emory Long-Term Acute Care
 - Emory University Hospital Smyrna
 - Emory Clinic (physician practice of Emory faculty physicians)
 - Emory Specialty Associates (Emory-owned outreach physician practice organization with locations throughout the city and state)
 - Emory Wesley Woods Campus (includes a psychiatric hospital as well as a skilled nursing care facility and an affiliated residential retirement facility)
 - Emory Healthcare Network (clinically integrated network of Emory faculty and private practice physicians and hospitals formed to improve care coordination and quality outcomes)

The Woodruff Health Sciences Center is part of Emory University, which also includes the Candler School of Theology, Emory College of Arts & Sciences, Emory School of Law, Goizueta Business School, Laney Graduate School, and Oxford College. Including the health sciences, Emory has a total of 15,846 students, 5,678 faculty, 38,226 employees, and \$11 billion in endowment.

Comprehensive Figures in Woodruff Health Sciences Center (WHSC)

| | |
|---|-----------------|
| Faculty | 4,009 |
| Adjunct faculty | 574 |
| Students and trainees | 6,136 |
| • Medical | 592 |
| • Medical residents and fellows..... | 1,388 |
| • Nursing | 1,284 |
| • Public health | 1,458 |
| • Postdocs | 373 |
| • Allied health..... | 497 |
| • Graduate Division of Biological and Biomedical Sciences..... | 413 |
| • MD/PhD | 92 |
| • Master’s in Clinical Research..... | 39 |
| Employees (includes 4,009 faculty) | 32,003 |
| Hospital beds | 2,796 |
| Annual Emory Healthcare hospital admissions..... | 102,564 |
| Annual Emory Healthcare outpatient service visits | 5.95 million |
| Annual Emory Healthcare nursing home admissions..... | 678 |
| Number of unique patients treated annually in Emory Healthcare .. | 887,874 |
| Annual inpatient and outpatient service visits (Emory Healthcare and affiliate hospitals)..... | 6.05 million |
| Research funding (FY 2022)..... | \$944.5 million |
| Annual operating expenditures (FY 2022)..... | \$7.03 billion |
| Annual budget (FY 2023) | \$7.4 billion |
| Annual economic impact on metro Atlanta..... | \$13.74 billion |
| Emory Healthcare charity care (FY 2022)..... | \$148.2 million |
| WHSC annual community benefit | \$813 million |
| Endowment | \$4 billion |
| Total buildings..... | >105 |
| Total net square feet..... | 5.7 million |

Emory University School of Medicine (founded 1854)

Carlos del Rio, MD, Interim Dean and Distinguished Professor
med.emory.edu

Emory University School of Medicine has 3,493 full- and part-time faculty and 891 volunteer faculty. The school had 12,392 applications in 2022 for 148 first-year medical student positions. This MD class is composed of 69.9% women and 31% underrepresented minorities, and 90% of the class members are nontraditional (they were out of college for at least a year before entering medical school). In 2022, the pass rate for first-time takers of step 1 of the National Board Exam (testing basic science knowledge and skills) was 91%.

The school has 592 medical students and trains 1,388 residents and fellows in 115 accredited programs. It has 92 MD/PhD students, with 25 of those funded through NIH training grant lines. Some of these students are in a joint program with Georgia Tech, with which the medical school shares a biomedical engineering department ranked #2 in the country by *US News & World Report*. The medical school also offers a joint MD/MSCR (master’s in clinical research) degree, an MD/MPH degree with the Rollins School of Public Health, and an

MD/MA in bioethics with the Laney Graduate School. Dual programs with law (juris master) and business (MBA) also are available. Training predoctoral bioscience researchers in eight programs in the Graduate Division of Biological and Biomedical Sciences in the graduate school are 168 medical faculty.

Faculty in five allied health programs train 497 students. These include physician assistant (PA) and physical therapy (PT) programs ranked #5 and #8 respectively in the nation by *US News & World Report*. The allied health programs also include the Anesthesiologist Assistant (AA) program, Genetic Counseling Training program, and Medical Imaging program.

Medical school faculty received \$588.4 million in sponsored research funding from the NIH in FY 2022. Ranked #12 nationally in NIH dollars received, the NIH awarded the school 25 training grant lines for MD/PhD students. The school is best known for its work in infectious disease, brain health, heart disease, cancer, transplantation, orthopaedics, pediatrics, renal disease, ophthalmology, and geriatrics.

Physician faculty in Emory's own and affiliate teaching hospitals and outpatient venues were responsible for 5.95 million patient service visits in FY 2022. Alumni totals: 6,377 medical school, 13,067 residency/fellowship, 7,062 allied health, including 1,671 PT and 2,036 PA alumni. In addition, 5,938 physicians and other health care professionals participated in continuing medical education classes offered by Emory last year.

Nell Hodgson Woodruff School of Nursing (founded 1905)

Linda A. McCauley, PhD, RN, FAAN, FRCN, Dean and Professor
nursing.emory.edu

The Nell Hodgson Woodruff School of Nursing has 31 PhD, 180 Doctor of Nursing Practice (DNP), 363 Master of Science in Nursing (MSN), and 710 pre-licensure Bachelor of Science (BSN) and Master of Nursing (MN) students. Graduates go on to become national and international leaders in patient care, public health, government, research, and education.

The school is named among the nation's top nursing schools, with its BSN and master's degree programs ranking # 2 and its DNP program ranking # 6 by *US News & World Report*. The school is also # 3 among all nursing schools in NIH research funding and has been named a Center of Excellence by the National League for Nursing.

In addition to the traditional BSN program, the school offers an accelerated BSN program for distance learners, and its MN Pathway to MSN program provides a fast track to becoming an advanced practice nurse or midwife.

The school's MSN, DNP, and post-graduate certificate programs include specialties in adult/gerontology, nurse anesthesia, nurse midwifery, pediatrics, psychiatric mental health, womens/gender-related studies, and emergency, family, and neonatal care. Students can also combine knowledge across disciplines through dual degree options in bioethics and public health.

The school's PhD program is built on research strengths in artificial intelligence (AI), cancer, cardiovascular disease, data science, environmental health, HIV/AIDS, maternal-child health, neurodegenerative disease, palliative care, and women's health. In FY 2022, the school received more than \$24 million in research funding from all sources.

The school has 137 full-time, 80 part-time, and 234 adjunct faculty, which

includes clinical instructors working with students at numerous clinical sites. The school also offers international and domestic immersion experiences for students and engages in robust research and service projects alongside underserved populations in Atlanta and other parts of Georgia and the Southeastern US. The school has 10,250 alumni around the world.

Rollins School of Public Health (founded 1990)

M. Daniele Fallin, PhD, Dean and Professor

sph.emory.edu

The Rollins School of Public Health has approximately 1,250 master's degree students and 208 PhD students who choose from degree options in behavioral, social, and health education sciences; biostatistics and bioinformatics; epidemiology; environmental health sciences; health care management, health policy, and health services research; global health and development; and nutrition and health sciences.

An interdisciplinary studies leader, the school offers dual-degree programs with the schools of medicine, nursing, physician assistant, physical therapy, business, theology, law, and the graduate school. A distance-based master's program, the Executive MPH, allows professionals to pursue a degree while employed.

The school ranks # 8 nationally in NIH funding, receiving more than \$126 million in FY 2022. These funds support efforts in cancer prevention, cardiovascular epidemiology, nutrition, climate change, substance abuse disorders, environmental health, HIV/AIDS, maternal and child health, social determinants of health, safe water, tobacco control, mental health, addictive behaviors, injury and violence, antibiotic resistance, diabetes and obesity, and health services.

Many of the 200 full- and part-time faculty and 340 adjunct faculty in six academic departments are linked by appointments, shared programs, or research grants with CDC, The Carter Center, the American Cancer Society, CARE, Arthritis Foundation, Task Force for Global Health, and state and local public health agencies. Through these partnerships and as a center for international health research and training, the school helps make Atlanta a worldwide destination for public health. It is ranked #4 among peer institutions by *US News & World Report* and has 12,194 alumni.

Emory National Primate Research Center (founded 1930)

R. Paul Johnson, MD, Director

enprc.emory.edu

Dedicated to discovering causes, preventions, treatments, and cures of disease, Emory National Primate Research Center (NPRC) is improving human and animal health and lives worldwide. One of seven NPRCs funded by the NIH, the primate center conducts studies that make breakthrough discoveries possible. Research involves approximately 1,000 nonhuman primates at its main center on the Emory campus and another 2,400 at its field station in Lawrenceville, Georgia. The center also has approximately 5,000 rodents in its research vivaria.

The Emory NPRC has 427 staff members, 67 faculty scientists, 32 faculty in residence, and 46 postdoctoral fellows. Its research is grounded in scientific

integrity; expert knowledge; respect for colleagues; commitment to diversity; an open exchange of ideas; and compassionate, quality animal care. Supported by \$155.6 million in research funding (all sources) in FY 2022, Emory NPRC researchers are making discoveries in microbiology and immunology; neurologic diseases; neuropharmacology; behavioral, cognitive, and developmental neuroscience; and psychiatric disorders. The center advances vaccine development for infectious and noninfectious diseases, paves the way for earlier diagnosis of and new treatments for illnesses such as Alzheimer's and Parkinson's, defines the neurobiology and genetics of social behavior to support new therapies for autism spectrum and other disorders as well as drug addiction, and teaches us how interactions between genetics and environment shape who we are.

The center follows regulations and guidelines established by the NIH, the US Department of Agriculture, and more. Since 1984, Emory NPRC has been fully accredited by AAALAC International, the gold seal of approval for laboratory animal care.

Winship Cancer Institute (founded 1937)

Suresh S. Ramalingam, MD, Executive Director

winshipcancer.emory.edu

As the only National Cancer Institute (NCI)-Designated Comprehensive Cancer Center for the state of Georgia and one of only 53 in the country, Winship Cancer Institute of Emory University discovers and develops novel and highly effective approaches to cancer prevention, detection, diagnosis, and treatment.

Winship has more than 500 faculty members conducting cancer research; they received \$90 million in cancer research funding in 2022, with \$40 million from the NCI. Faculty include investigators from various units across Emory, Georgia Tech, and regional partner institutions. Winship researchers are supported by numerous national team science grants that focus on high-priority cancers impacting Georgians, and they have the distinction of holding both an NCI Specialized Program of Research Excellence grant and an NCI P01 program project grant in lung cancer.

Winship physicians provide comprehensive, advanced care at eight Emory Healthcare locations and three affiliated sites. In 2022, Winship opened the Rollins Immediate Care Center, the first center in Georgia to provide acute care for patients experiencing cancer-related symptoms that require immediate medical attention. A 17-story, full-service inpatient and outpatient cancer care tower, Winship at Emory Midtown, will open in May 2023 and deliver personalized, patient-centered cancer care integrated with innovative cancer research. In addition to transforming cancer care delivery, Winship works to better predict and prevent cancer as well as to provide survivorship support services such as integrated complementary therapies.

In 2022, more than 900 patients enrolled in therapeutic treatment clinical trials at Winship. It has the largest unit in Georgia for Phase I clinical trials—a critical first step for introducing new therapies against cancer. Winship is one of 30 inaugural US cancer centers selected as a Lead Academic Participating Site for the NCI National Clinical Trials Network, NCI's primary infrastructure to conduct Phase I and II clinical trials. Winship also serves patients through the Winship Cancer Network, a partnership with community hospitals enhancing access to research and treatment (see page 8).

Through its Office of Community Outreach and Engagement, Winship facilitates research and disseminates evidence-based interventions in Georgia with the goal of reducing health disparities and the cancer burden across the state. Winship also provides comprehensive, cancer-focused training and education opportunities across the continuum of learners, starting in middle school and spanning undergraduate, graduate, postdoctoral, and career-development programs.

Emory Global Diabetes Research Center of the WHSC (founded 2006)

K. M. Venkat Narayan, MD, MSC, MBA, Executive Director and Mohammed K. Ali, MBChB, MSC, MBA, Co-Director

diabetes.emory.edu/index.html

The Emory Global Diabetes Research Center of the WHSC develops and advances the abilities of Emory, US, and non-US researchers to engage in world-class research in diabetes and other related noncommunicable diseases such as stroke, hypertension, heart disease, and co-morbid conditions such as tuberculosis, mental health, and HIV.

Emory Global Health Institute (founded 2006)

Rebecca Martin, PhD, Vice President for Global Health and Director

globalhealth.emory.edu

The Emory Global Health Institute (EGHI) unites students, faculty, and partners across disciplines in research, programs, training, and discourse to empower communities and improve global health. More than 5,400 Emory students, 450 faculty, 57 departments, and nine schools have participated in EGHI-related programs. EGHI and affiliated faculty have published more than 1,600 articles, and EGHI has held more than 3,530 lectures and events focused on global health since 2006.

EGHI faculty have brought \$531 million in grants to Emory University, including funding for these important EGHI global health initiatives: the International Association of National Public Health Institutes (IANPHI), which collectively builds public health capacity and capabilities by connecting, developing, and strengthening national public health institutes worldwide; and the Child Health and Mortality Prevention Surveillance (CHAMPS) network, which collects, analyzes, and shares evidence on under-five childhood mortality in regions where it is highest and empowers public health action to save young lives.

WHSC Office of IPECP (founded 2022)

Jodie L. Guest, PhD, MPH, and Beth Ann Swan, PhD, RN, FAAN, Co-Directors

whsc.emory.edu/education/ipecp/index.html

The WHSC Office of Interprofessional Education & Collaborative Practice (IPECP) supports and develops innovative interprofessional educational and research opportunities for faculty, students, and trainees at Emory University's three health professional schools. Its mission is to transform health care and public health through interprofessional education, research, and active engagement in the communities that the Woodruff Health Sciences Centers serves.

WHSC Office of Well-Being (founded 2022)

Tim Cunningham, RN, DrPH, MSN, FAAN and Chad Ritenour, MD, Co-Chief Well-Being Officers

whsc.emory.edu/office-well-being

The WHSC Office of Well-Being (EmWELL) supports, enhances, and creates innovative well-being initiatives for clinicians, health professionals, faculty, and other team members. These include interventions, education, research, and advocacy. EmWELL partners closely with other teams in the WHSC including Human Resources, DEI, Campus Life, and entity-specific programs.

Emory Healthcare (founded 1997)

Ravi I. Thadhani, MD, MPH, Vice President, Board of Directors

Bryce Gartland, MD, Hospital Group President

Ira Horowitz, MD, Physician Group President

Sharon H. Pappas, PhD, RN, NEA-BC, FAAN, Chief Nurse Executive

emoryhealthcare.org

Emory Healthcare (EHC) is the most comprehensive academic health system in Georgia, with \$5.5 billion in net revenue in FY 2022. System-wide, it has 2,796 licensed patient beds, 23,624 employees, and more than 3,450 physicians practicing in more than 70 specialties. Annual hospital admissions totaled 102,564 and outpatient service visits 5.95 million, while EHC clinicians saw 887,874 individual patients. Providing \$148.2 million in charity care last year, EHC serves metro Atlanta and the state with 425 locations.

The system's 11 hospitals include Emory University Hospital, Emory University Hospital Midtown, Emory University Orthopaedics & Spine Hospital, Emory Rehabilitation Hospital, Emory University Hospital at Wesley Woods, Emory Saint Joseph's Hospital, Emory Johns Creek Hospital, Emory Decatur Hospital, Emory Hillandale Hospital, Emory Long-Term Acute Care, and Emory University Hospital Smyrna. It also provides services to greater Georgia through a joint venture at St. Francis–Emory Healthcare Hospital in Columbus. Other components of the EHC system include Emory Clinic, Emory Specialty Associates, Emory Wesley Woods Campus, 13 network affiliates, and Emory Healthcare Network. In addition to the EHC clinical locations listed on pages 8–9, EHC Network partners with MinuteClinic and urgent care providers (Peachtree Immediate Care) throughout metro Atlanta.

EMORY HEALTHCARE COMPONENTS

Emory University Hospital (founded 1904)

Matthew J. Wain, MAS, CEO

emoryhealthcare.org/euh/index.html

An adult, tertiary/quaternary care facility, Emory University Hospital (EUH) has 791 licensed beds, including 82 beds at EUH at Wesley Woods (see page 12). Staffed by 2,240 Emory faculty physicians, EUH includes 154 ICU beds and a Serious Communicable Diseases Unit where ongoing research, training, and preparedness for challenging infectious diseases continue since the first patients with Ebola virus disease in the US were treated there in 2014. Patients in FY 2022:

Continued on page 9 >

PATIENT CARE LOCATIONS

Emory inpatient care ("E" in map at right)

- Emory University Hospital
- Emory University Hospital Midtown
- Emory University Orthopaedics & Spine Hospital
- Emory University Hospital at Wesley Woods
- Emory Rehabilitation Hospital
- Emory Saint Joseph's Hospital
- Emory Johns Creek Hospital
- Emory Decatur Hospital
- Emory Hillandale Hospital
- Emory Long-Term Acute Care
- Emory University Hospital Smyrna

Emory outpatient care ("E" in map at right)

Emory Clinic, Emory Specialty Associates, and the joint venture with Select Medical (see page 12) together have 147 practice locations and ambulatory service sites in 27 Georgia counties: Butts, Carroll, Chatham, Cherokee, Clayton (4), Cobb (13), Coweta, DeKalb (50), Douglas, Fayette (4), Forsyth (2), Franklin, Fulton (24), Gwinnett (16), Hall, Henry (7), Laurens, Muscogee (2), Oconee, Rockdale (2), Spalding, Stephens, Thomas (2), Towns, Troup (6), Union, and Walton.

Emory Regional Affiliate Network ("EA" in map at right)

The Emory Regional Affiliate Network extends Emory's clinical expertise and knowledge to systems across Georgia and the nearby Southeast. The 13 Network Associates collaborate with Emory on initiatives aimed to keep care local by growing clinical services capacities and competencies. Additionally, Network Associates gain priority access to Emory's highly specialized tertiary and quaternary inpatient and outpatient services. The Network Associates have locations in 20 counties.

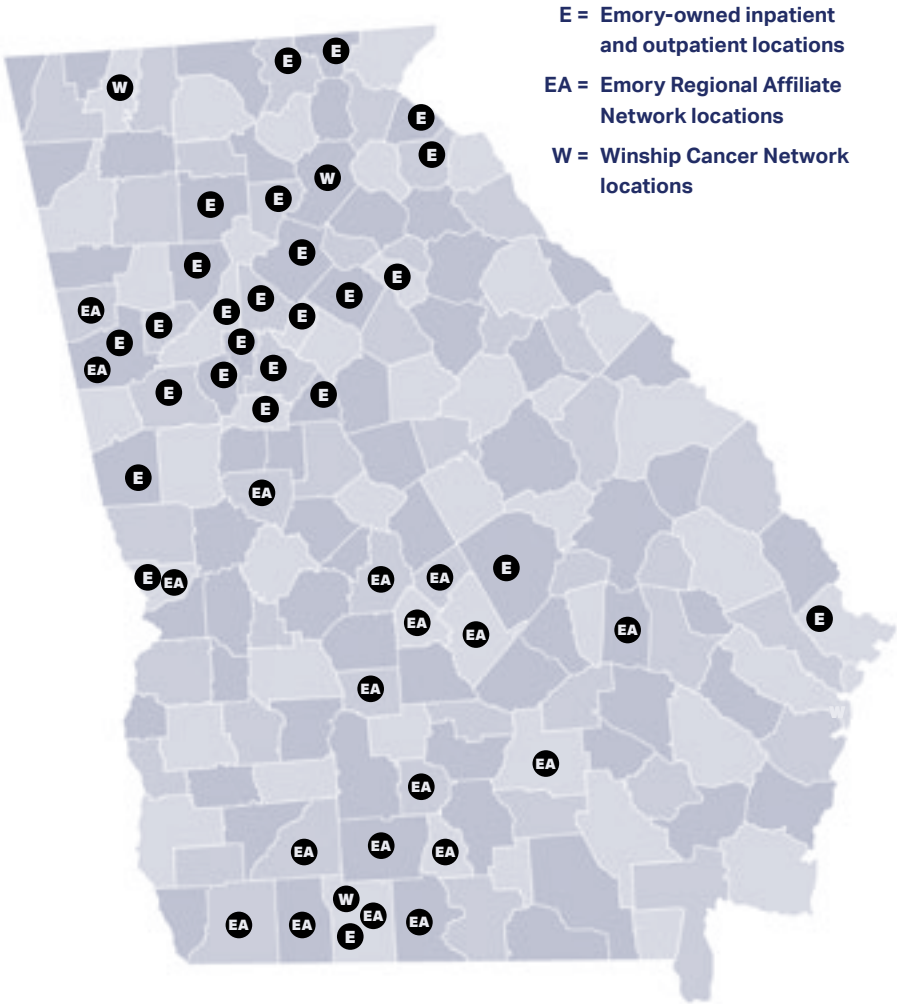
Winship Cancer Network ("W" in map at right)

The Winship Cancer Network—formed to improve access to high-quality cancer care, cutting-edge research, and continuing education for affiliate partners in Georgia and the Southeast, includes three community-care organizations: Hamilton Medical Center in Dalton, Georgia; Archbold Medical Center in Thomasville, Georgia; and Northeast Georgia Health System in Gainesville, Georgia.

Emory Healthcare Network

Emory Healthcare also has a clinically integrated network, encompassing many of the above entities, in which partners share common quality goals and are connected via the Emory data-sharing network to share data securely to make care safer and more efficient. The network has more than 425 provider locations in metro Atlanta and Georgia, including MinuteClinics as well as urgent care partner Peachtree Immediate Care. See page 12.

IN ATLANTA AND ACROSS THE STATE



23,980 inpatient admissions and 188,618 outpatient service visits. Staff employees: 4,232, including 170 at EUH at Wesley Woods.

EUH is known for transplantation, cardiology, cardiac surgery, oncology, neurology/neurosurgery, and orthopaedics. It is a Magnet hospital, a designation earned by only 6% of US hospitals for nursing excellence from the American Nurses Credentialing Center. EUH has one of the highest case-mix indexes (a measure of complexity of illness treated) of any US hospital. In 2022, for the eleventh year in a row, *US News & World Report* ranked EUH the #1 hospital in metro Atlanta and Georgia, and in 2023, *Newsweek* ranked it #22 in the US and #100 in the world.

Emory University Hospital Midtown (founded 1908)

Daniel Owens, MBA, CEO

emoryhealthcare.org/euhm/index.html

A tertiary academic teaching and care facility, Emory University Hospital Midtown (EUHM) has 550 licensed beds and is staffed by 1,456 Emory faculty physicians, 240 private practice physicians, and 285 Kaiser Permanente physicians. EUHM has 86 ICU beds, in addition to a level III neonatal intensive care unit with 48 beds.

Patients in FY 2022: 26,894 admissions (including 5,473 deliveries) and 285,982 outpatient service visits. Staff employees: 3,750.

EUHM has a high case-mix index and is well known for services in cardiology, cardiac surgery, gastroenterology, neurosurgery, cancer, spine surgery, and otolaryngology/head and neck cancer. Women's services include pre- and postnatal education, bone density testing, mammography, and obstetrics, as well as high-risk pregnancy.

Emory University Orthopaedics & Spine Hospital (founded 2007)

Matthew J. Wain, MAS, CEO

emoryhealthcare.org/euosh/index.html

Emory University Orthopaedics & Spine Hospital has 120 licensed beds and nine ORs and is staffed by Emory faculty physicians. It has ranked in the top 10% of hospitals in the country for 13 years in patient satisfaction. It is a Magnet hospital, a designation earned by only 6% of US hospitals for nursing excellence from the American Nurses Credentialing Center. Patients in FY 2022: 1,839 admissions. Staff employees: 302.

Emory Rehabilitation Hospital (founded 1976)

Renee Hinson-Smith, CEO (Emory Healthcare–Select Medical Joint Venture)

emoryhealthcare.org/erh/index.html

Emory Rehabilitation Hospital (ERH) has 66 licensed inpatient rehabilitation beds and is staffed by 111 Emory faculty physicians. It is accredited by CARF and offers services in two CARF specialties: stroke and brain injury. Part of a joint venture with Select Medical, it also includes 28 outpatient rehabilitation facilities and a day rehabilitation program. Specializing in stroke, ERH is one of the nation's highest acuity rehabilitation hospitals and was ranked #26 out of 1,085 rehabilitation hospitals in the 2021–2022 *US News & World Report*. Patients in FY 2022: 1,030 admissions and 162,048 outpatient service visits. Emory Rehabilitation Joint Venture employees: 380.

Emory Saint Joseph's Hospital (founded 1880)

Heather Dexter, MBA, MHA, CEO

emoryhealthcare.org/esjh/index.html

Emory Saint Joseph's Hospital (ESJH) was established in 1880 as Atlanta's first hospital. Today, it is a 410-bed adult acute-care facility that is recognized as one of the top specialty-referral hospitals in the Southeast. ESJH trains physicians from around the world in robotic surgery for valve repair and is noted for cardiac, cancer, neurologic, vascular, gastrointestinal, respiratory, and orthopaedic care. It has 522 Emory faculty physicians, 297 private practice physicians, 251 Kaiser Permanente physicians, and four Emory Specialty Associate physicians. ESJH was the third hospital in the world to achieve the prestigious American Nurses Credentialing Center Magnet designation and in 2019 earned its sixth-straight Magnet designation for nursing excellence. In 2022, *US News & World Report* ranked ESJH the #2 hospital in Georgia and metro Atlanta. Patients in FY 2022: 17,512 admissions and 112,588 outpatient service visits. Staff employees: 2,198. Community services include free health screenings and in-kind donations to organizations supporting the homeless and indigent.

Emory Johns Creek Hospital (founded 2007)

Marilyn Margolis, MN, RN, CEO

emoryhealthcare.org/johnscreek

Emory Johns Creek Hospital (EJCH) is a 144-bed acute-care facility staffed by 561 Emory faculty physicians, 321 private practice physicians, and 63 Emory Specialty Associate physicians. As a full-service hospital, key services include emergency medicine, a women's center with level III neonatal intensive care, adult intensive care, an infusion center, breast imaging with 3-D tomography, a certified bariatric center, advanced cardiac and stroke care, orthopaedics, sleep medicine, wound care, urology, and a pain center. EJCH is a Magnet hospital, a designation earned by only 6% of US hospitals for nursing excellence from the American Nurses Credentialing Center. Patients in FY 2022: 8,773 admissions (including 1,548 deliveries) and 89,137 outpatient service visits. Staff employees: 1,247. EJCH partners with community organizations to offer health and wellness screenings and educational events throughout the year.

Emory Decatur Hospital (founded 1961)

Jen Schuck, MSW, MBA, Interim CEO

emoryhealthcare.org/locations/hospitals/emory-decatur-hospital/index.html

Emory Decatur Hospital is a 451-bed facility staffed by 504 Emory faculty physicians, 480 private practice, and 166 Emory Specialty Associate physicians. Patients in FY 2022: 16,706 (including 2,911 deliveries) admissions and 136,325 outpatient service visits. Services include emergency medicine, cancer care, heart and vascular, stroke care, maternity care, orthopaedics, palliative care, podiatry, a weight loss center, and a medical fitness center. Staff employees: 2,529.

Emory Hillandale Hospital (founded 2005)

Jen Schuck, MSW, MBA, Interim CEO

emoryhealthcare.org/locations/hospitals/emory-hillandale-hospital/index.html

Emory Hillandale Hospital has 100 beds and is staffed by 365 Emory faculty physicians, 253 private practice, and 133 Emory Specialty Associate physicians. Patients in FY 2022: 4,660 admissions and 79,566 outpatient service visits. In addition to emergency medicine, infusion, breast care, and sleep medicine services, the hospital has specialty expertise in areas ranging from orthopaedics and rehabilitation to cardiology, endocrinology, hematology, diabetes, and nutrition. Staff employees: 678.

Emory Long-Term Acute Care (founded 1997)

Jen Schuck, MSW, MBA, Interim CEO

emoryhealthcare.org/locations/hospitals/emory-long-term-acute-care/index.html

Emory Long-Term Acute Care is a 76-bed facility with 249 Emory faculty physicians, 106 private practice and 58 Emory Specialty Associate physicians. Patients in FY 2022: 382 admissions. The hospital specializes in pulmonary rehabilitation, including ventilator weaning, as well as general rehabilitation, physical therapy, and wound care. Staff employees: 190.

Emory University Hospital Smyrna (founded 1974)

Matthew J. Wain, MAS, CEO

Emory University Hospital Smyrna, with 88 beds, is currently undergoing renovations.

Emory Clinic (founded 1953)

*Ira R. Horowitz, MD, SM, FACOG, FACS, Emory Clinic Director
and EHC Physician Group President and Co-Chief of Clinical Operations*

Anthony R. Masciotra, MBA, CPA, COO, Physician Group Practices

emoryhealthcare.org/emory-clinic/index.html

The largest, most comprehensive group practice in Georgia, Emory Clinic has 2,240 Emory faculty physicians, 538 nurse practitioners, and 546 physician assistants, with locations throughout the city and state. Nonphysician employees: 4,194. Patient service visits in FY 2022: 4,894,688 including those for Emory Specialty Associates.

Emory Specialty Associates (founded 2006)

*Ira R. Horowitz, MD, SM, FACOG, FACS, Emory Clinic Director
and EHC Physician Group President and Co-Chief of Clinical Operations*

Anthony R. Masciotra, MBA, CPA, COO, Physician Group Practices

In addition to Emory Clinic, Emory Healthcare provides outpatient care via Emory Specialty Associates (ESA), an Emory-owned physician practice organization with locations in 10 Georgia counties. ESA has 242 nonfaculty physicians, 50 nurse practitioners, and 139 physician assistants. Employees: 970.

Emory Wesley Woods Campus (established 1954)

Emory Wesley Woods Campus includes the following locations:

- Budd Terrace (*John Pulliam, administrator*), a 250-bed nursing care facility
- Emory University Hospital at Wesley Woods, an 82-bed facility providing adult inpatient psychiatric care; 788 admissions in FY 2022; 170 staff employees
- Wesley Woods Towers, managed by Wesley Woods Senior Living, with 158 residential retirement apartments, including 36 personal care apartments

Emory Healthcare Network (founded 2011)

Patrick Hammond, MHA, CEO

Scott Boden, MD, Chair of the Board

emoryhealthcare.org/centers-programs/emory-healthcare-network

Emory Healthcare Network is a clinically integrated network with more than 3,300 Emory and private practice physicians, 450 locations, and 12 hospitals. It was formed to improve care coordination and quality outcomes as well as control costs for patients and the community. Network partners share common quality goals and are connected via the Emory data-sharing network. Network physicians practice in more than 70 specialties. The network also includes MinuteClinics as well as urgent care partner Peachtree Immediate Care.

Woodruff Leadership Academy (founded 2002)

Gary L. Teal, MBA, Director

whsc.emory.edu/wla

The Woodruff Leadership Academy was established to develop leadership potential in faculty and administration across the health sciences to create, articulate, and achieve organizational vision. It has 458 alumni.

Rankings

For more rankings, see whsc.emory.edu/about/facts-and-figures/rankings.html

Newsweek

Emory University Hospital: #1 in Georgia

Emory Saint Joseph's Hospital: #2 in Georgia

Emory Johns Creek Hospital: #3 in Georgia

Emory University Hospital Midtown: #4 in Georgia

US News & World Report

Emory University School of Medicine: #12 for surgery, #14 for pediatrics, #14 for radiology, #16 for anesthesiology, #17 for internal medicine, #18 for family medicine, #19 for obstetrics and gynecology, #5 for physician assistant program, #8 for physical therapy program

Nell Hodgson Woodruff School of Nursing: #3 for school, #2 bachelor's program, #2 master's program, #6 doctor of nursing practice

Rollins School of Public Health: #4

National Institutes of Health Research Funding

Rollins School of Public Health: #8

Nell Hodgson Woodruff School of Nursing: #3

Emory University School of Medicine: #12

Woodruff Health Sciences Center Hospital Affiliates

- The **Atlanta VA Health Care System (VAHCS)** is part of the VA Southeast Network, VISN 7. In FY 2022, 301 Emory clinicians practiced at the VAHCS, the largest tertiary VA facility in Georgia, with 22 sites of care. It provides highly specialized care for veterans, including open heart surgery and cancer therapies. The tertiary medical facility is a Level 1A facility with a total of 363 authorized beds that include 133 internal medicine beds, 78 community living center beds, 88 psychiatry beds, 52 surgery beds, and 12 compensated work therapy beds. FY 2022 total admissions were 7,171, and there were over 1.4 million outpatient service visits.
- **Children's Healthcare of Atlanta**
 - **Children's at Egleston**, 330 beds (Emory campus). Annual patient totals: 11,738 admissions and 325,831 outpatient service visits. Emory clinicians provide over 90% of care.
 - **Children's at Hughes Spalding**, 24 beds (Grady Hospital campus). Annual patient totals: 894 admissions and 87,284 outpatient service visits. Staffed by 64 Emory physicians and by private practice physicians, with Emory clinicians providing more than 75% of care.
 - **Children's at Scottish Rite**, 319 beds (north Atlanta). Annual patient totals: 15,157 admissions and 369,623 outpatient service visits; all Emory pediatric physician faculty have admitting privileges.

- **Grady Memorial Hospital**, 953 licensed beds. Annual patient service visits: 30,857 admissions, 518,800 outpatient visits, and 130,838 emergency room visits. Staffed by 834 Emory physician faculty and 145 advanced practice providers; in addition, 409 Emory residents and fellows provide care at Grady under supervision of the faculty. Together, these Emory physicians provide about 80% of care at Grady, with the other 20% provided by Morehouse School of Medicine and Grady-employed physicians.

Additional Partners in Patient Care, Research, and Teaching

- **Georgia Clinical & Translational Science Alliance (Georgia CTSA)**
Emory is the lead partner in the Georgia CTSA, an NIH-funded consortium created to translate laboratory discoveries into treatments for patients, engage communities in clinical research efforts, and train clinical investigators.
- **Centers for Disease Control and Prevention (CDC)**
Emory and the CDC have a number of research contracts and consulting partnerships. Emory University Hospital's Serious Communicable Diseases Unit, where the first patients in the US with Ebola virus disease were treated, was built in collaboration with the CDC. Emory faculty serve as advisers on public health committees throughout the CDC, and CDC officers frequently serve as adjunct faculty in Emory's schools of public health and medicine.
- **Georgia Center for Oncology Research and Education (Georgia CORE)**
Winship Cancer Institute works with Georgia CORE to partner with community-based physicians to make more clinical trials of new cancer treatments available to patients throughout the state.
- **Georgia Institute of Technology**
Emory and Georgia Tech share a joint biomedical engineering department ranked #2 in the nation by *US News & World Report*. They also collaborate in nanotechnology, vaccine delivery, clean air and water, health services research, regenerative medicine, bioinformatics, neurosciences, pediatrics, medical devices, immunoengineering, robotics, and design of "smart" equipment and facilities to help the elderly and disabled.
- **Georgia Research Alliance (GRA)**
The GRA is a partnership of business, research universities, and state government established to build a technology-driven economy fueled by breakthrough university research. Through it, the state invests in Emory eminent scholars and research in nanotechnology, cancer, pediatrics, new drug screenings, vaccines, AIDS and other infectious diseases, immunology, transplantation, clinical trials, bioinformatics, autism, imaging, cystic fibrosis, addiction, obesity, and Alzheimer's disease.
- **Morehouse School of Medicine**
Emory's School of Medicine partners with Morehouse in serving patients at Grady Memorial Hospital (see above) and in training Morehouse residents. The two schools also partner in research through the Georgia CTSA (above) and other research initiatives.
- **University of Georgia (UGA)**
The schools collaborate in the NIH-sponsored Emory-UGA Center of Excellence for Influenza Research, a national network to improve pandemic preparedness.

Emory, Georgia Tech, and UGA are partners in the Regenerative Engineering and Medicine Center, focused on harnessing the body's potential to heal.

Woodruff Health Sciences Center (WHSC) Highlights and Impact

- **Jobs:** With 32,003 employees, the WHSC helps make Emory the largest employer in metro Atlanta.
- **Economic impact:** With \$7.03 billion in operating expenditures in FY 2022, the WHSC's annual economic impact on metro Atlanta is \$13.74 billion.
- **Groundbreaking investments:** In 2018, the Robert W. Woodruff Foundation pledged \$400 million to fund a new Winship Cancer Institute facility on the Emory University Hospital Midtown campus and a new 350,000-square-foot Health Sciences Research Building (HSRB II) on the Atlanta campus. Winship at Emory Midtown, slated to welcome patients in spring 2023, will deliver personalized cancer care aligned with Winship's innovative cancer research. HSRB II, also due to open in spring 2023, will be a state-of-the-art research facility designed to optimize innovation, synergy, and impact for biomedical research. The R. Randall Rollins Building, an 10-story, 185,000-square-foot facility, opened in fall 2022 and significantly expanded the Rollins School of Public Health complex, providing new learning, training, and conferencing space. The Nell Hodgson Woodruff School of Nursing opened its new Emory Nursing Learning Center (ENLC) in fall 2022. The \$20.6 million, 70,000-square-foot ENLC features state-of-the-art simulation and professional development space designed to prepare students to engage in interactive technology and experiential learning activities.
- **Clinical trials:** More than any other Georgia institution, Emory has 25,955 participants enrolled in 2,031 clinical trials of drugs, devices, and procedures.
- **Technology transfer:** Emory currently manages more than 1,800 technologies, which has led to the formation of 130 companies and more than 65 new products in the marketplace, some of which—like the discovery of several HIV drugs—have offered major health and societal benefit. Since FY 2000, the university has filed more than 3,900 patent applications and been issued more than 600 US patents. In that time, Emory has executed more than 800 license agreements, resulting in more than \$884 million in licensing revenue, thereby creating additional funding for new and ongoing research.
- **Research dollars:** The WHSC received \$899.5 million in NIH-sponsored research funds in FY 2022, reflecting 95.2% of the total of \$944.5 million awarded to Emory.
- **Drug discovery:** Building on its longstanding success in drug discovery, including the development of molnupiravir to treat COVID-19, researchers at Emory and Georgia State University received \$52 million in federal funding to establish a groundbreaking new drug development center aimed at preventing the next pandemic.
- **Physician workforce:** Emory's medical school provides more than half of the residency training positions in Georgia; 59 of the medical school's 115 residency programs are the only such programs in the state.
- **Philanthropy:** In FY 2022, the WHSC was awarded \$379.4 million in private support from individuals, foundations, and corporations.

Emory Health Sciences and Related Facilities

- 1** Biochemistry Connector
- 2** Brain Health Center (outpatient psychiatry and neurology, Executive Park, inset)
- 3** Centers for Disease Control and Prevention
- 4** Children's Healthcare of Atlanta at Egleston (includes dining)
- 5** Cox Hall (food court)
- 6** Emory Autism Center (Clairmont Campus)
- 7** Emory-Children's Center Building (pediatric outpatient care and research)
- 8** Emory Clinic A (primary care and various clinic specialties);
Emory Clinic B (Emory Eye Center and other specialties)
- 9** Emory Clinic 1525 Building (various clinic specialties and fitness center)
- 10** Emory Global Health Institute; Emory Office of Technology Transfer
- 11** Emory Orthopaedics and Spine Center (Executive Park inset)
- 12** Emory Rehabilitation Hospital
- 13** Emory Sports Medicine Complex (Executive Park, inset)
- 14** Emory University Hospital (includes dining)
- 15** Emory University Hospital Midtown and Emory Clinic Midtown (includes dining, inset)
- 16** Emory University School of Medicine
- 17** Emory Vaccine Center
- 18** Emory Wesley Woods Campus (includes Emory University Hospital annex as well as residential retirement and skilled nursing care facilities)
- 19** Health Sciences Library
- 20** Health Sciences Research Building (HSRB) (A) HSRB I and (B) HSRB II
- 21** Neuroscience Research Building
- 22** Rollins Research Center
- 23** Rollins School of Public Health (A) Grace Crum Rollins Building,
(B) Claudia Nance Rollins Building, and (C) R. Randall Rollins Building
- 24** Whitehead Biomedical Research Building
- 25** Winship Cancer Institute
- 26** Nell Hodgson Woodruff School of Nursing
- 27** Woodruff Health Sciences Center Administration Building
- 28** Woodruff Memorial Research Building
- 29** Woodruff Physical Education Center (gym facilities)
- 30** Emory National Primate Research Center

ACCOMMODATIONS

- 31** Emory Conference Center Hotel
- 32** Hope Lodge (cancer patients)
- 33** Mason Guest House (transplant patients)
- 34** Ronald McDonald House (pediatric patients)

OTHER FACILITIES/SITES

- Atlanta VA Health Care System – 2 miles northeast
- Emory Johns Creek Hospital – 26 miles northeast
- Emory Saint Joseph's Hospital – 11 miles north
- Emory University Hospital Smyrna – 20 miles northwest
- Emory University Orthopaedics & Spine Hospital – 6.6 miles northeast
- Grady Hospital and Hughes Spalding Children's Hospital – 6.6 miles southwest
- Marcus Autism Center – 1.9 miles northwest

Woodruff Health Sciences Center (WHSC) Leadership

Ravi I. Thadhani, MD, MPH, *Executive Vice President for Health Affairs, Emory University; Executive Director, WHSC; Vice President, Emory Healthcare Board of Directors*

David S. Stephens, MD, *Vice President for Research, WHSC*

John G. Rice, *Chair, WHSC Committee; Chair of the Board, Emory Healthcare; and Trustee, Emory University*

Gregory L. Fenves, PhD, *President, Emory University*

Anne Adams, JD, *Chief Compliance Officer and Chief Privacy Officer, Emory Healthcare; Associate Vice President, Clinical Trials Compliance, Emory University*

Lilicia Bailey, MBA, *Chief Human Resources Officer, Emory Healthcare*

Lynda Barrett, MBA, *Associate Vice President for Strategic Planning, WHSC; Vice President for Strategic Planning, Emory Healthcare*

Jeff Baxter, JD, *Chief Counsel for Health Affairs, Emory University*

Scott Boden, MD, *Vice President, Strategic Partnership Development and Business Innovation, Emory Healthcare*

William A. Bornstein, MD, PhD, *Chief Medical Officer, Chief Quality and Patient Safety Officer, Emory Healthcare*

Tim Cunningham, RN, DrPH, MSN, FAAN, *Co-Chief Well-Being Officer, WHSC Office of Well-Being*

Carlos del Rio, MD, *Interim Dean, Emory School of Medicine; Interim Chief Academic Officer, Emory Healthcare*

Vince Dollard, APR, *Interim Assistant Vice President, WHSC Communications*

Alistair Erskine, MD, MBA, *Chief Information and Digital Officer, Emory Healthcare; Vice President of Digital Health, Emory University*

Margaret Fala, *Vice President, Advancement, WHSC*

M. Daniele Fallin, PhD, *Dean and Professor, Rollins School of Public Health*

Bryce Gartland, MD, *Hospital Group President and Co-Chief of Clinical Operations, Emory Healthcare*

Ildemaro J. González, MBA, *Chief Diversity, Equity, and Inclusion Officer, Emory Healthcare*

Jodie L. Guest, PhD, MPH, *Co-Director, WHSC Office of Interprofessional Education and Collaborative Practice*

S. Patrick Hammond, MHA, *Chief Market Services Officer and Chief Innovations and Population Health Officer, Emory Healthcare; CEO, Emory Healthcare Network*

Bradley Haws, MBA, *Chief Financial Officer, Emory Healthcare*

Ira R. Horowitz, MD, *Director, Emory Clinic; Physician Group President and Co-Chief of Clinical Operations, Emory Healthcare*

R. Paul Johnson, MD, *Director, Emory National Primate Research Center*

Gregory H. Jones, EdD, MBA, MSC, *Associate Vice President for Health Affairs, WHSC*

Shulamith Klein, MBA, *Chief Risk Officer, Emory University and Emory Healthcare*

Alan Levey, MD, PhD, *Director, The Goizueta Institute@Emory Brain Health, Emory University*

Rebecca Martin, PhD, *Vice President for Global Health and Director, Emory Global Health Institute*

Linda A. McCauley, PhD, RN, FAAN, FRCN, *Dean and Professor, Nell Hodgson Woodruff School of Nursing*

K. M. Venkat Narayan, MD, MSc, MBA, *Executive Director, Emory Global Diabetes Research Center of the WHSC*

Sharon H. Pappas, PhD, RN, NEA-BC, FAAN, *Chief Nurse Executive, Emory Healthcare*

Suresh S. Ramalingam, MD, FASCO, *Executive Director, Winship Cancer Institute*

Chad W. M. Ritenour, MD, *Co-Chief Well-Being Officer, WHSC Office of Well-Being*

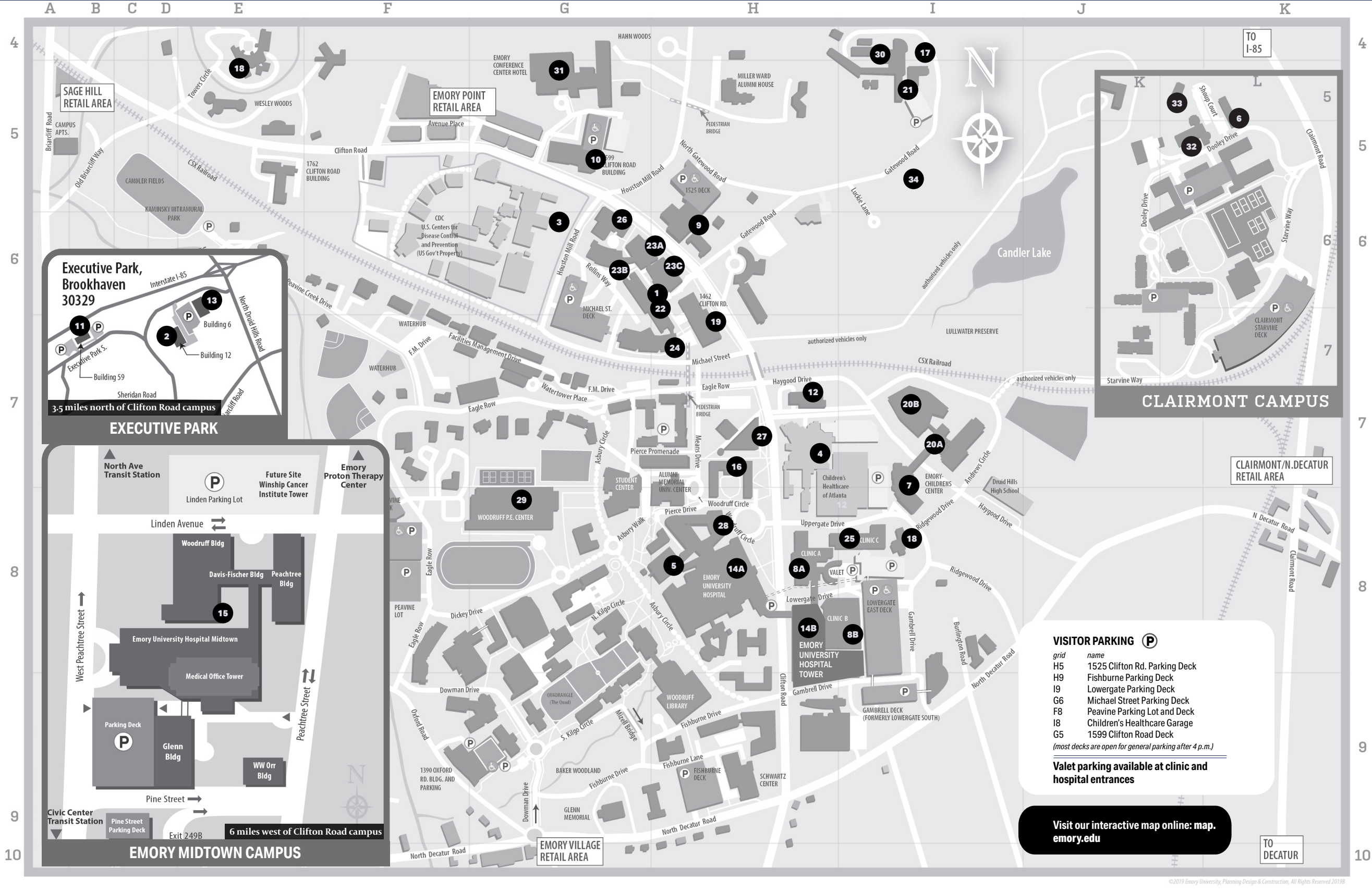
Beth Ann Swan, PhD, RN, FAAN, *Co-Director, WHSC Office of Interprofessional Education and Collaborative Practice*

Cameron Taylor, *Vice President, Government and Community Affairs*

Gary L. Teal, MBA, *Vice President, WHSC*

Frequently Called Numbers

- **Emory HealthConnection**
(patient information and physician referral): 404.778.7777
- **Admissions**
 - **Medical School:** 404.727.5660
 - **School of Nursing:** 404.727.7980
 - **School of Public Health:** 404.727.3956
- **Emory Police Emergency:** 404.727.6111
- **University Information:** 404.727.6123
- **Hospital Information:** 404.712.2000
- **Health Sciences Communications:** 404.727.6216
- **Emory Office of Government and Community Affairs:** 404.727.5311
- **Emory National Primate Research Center, Office of Public Affairs:** 404.727.7709





EMORY
UNIVERSITY

Woodruff Health
Sciences Center

emoryhealthsciences.org

Emory has the most comprehensive health care system in the state, with Emory-owned or Emory-affiliated locations in 44 counties, more than 3,450 Emory and private practice physicians, and expertise in more than 70 specialties.