

WOODRUFF HEALTH SCIENCES CENTER

At a Glance | 2013



**ROBERT W. WOODRUFF
HEALTH SCIENCES CENTER**

Administration Building

EMORY





Working together, within our center and with our partners, trustees, donors, and friends, our mission is to serve humanity by improving integration of education, discovery, and health care.

S. Wright Caughman, MD
*Executive VP for Health Affairs, Emory University;
 CEO, Woodruff Health Sciences Center; and
 Chairman, Emory Healthcare*

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With the vision of transforming health and healing, Emory University's **Woodruff Health Sciences Center** is working to pioneer new ways to prevent and treat disease, prepare the next generation to save and improve lives, provide the highest-quality clinical care possible, and serve the community.

Founded in 1966, the 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, and the most comprehensive health care system in the state. The center is a component of Emory University (see box at bottom), 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.

Center Components

- Emory University School of Medicine
- Nell Hodgson Woodruff School of Nursing
- Rollins School of Public Health
- Yerkes National Primate Research Center
- Winship Cancer Institute
- Emory Healthcare
 - Emory University Hospital
 - Emory University Hospital Midtown
 - Emory University Orthopaedics & Spine Hospital
 - Wesley Woods Center (geriatric care, including a hospital, clinic, skilled nursing care facility, and retirement residential facility)
 - Saint Joseph's Hospital (jointly owned)
 - Emory Johns Creek Hospital (jointly owned)
 - Emory-Adventist Hospital (jointly owned)
 - The Emory Clinic
 - Emory Specialty Associates (outreach physician practice organization with locations throughout the city and state)
 - Emory Clinically Integrated Network (a network of physicians and hospitals formed to improve care coordination and quality outcomes as well as control costs for patients and the community)

The Woodruff Health Sciences Center is part of Emory University, which also includes Emory College of Arts and Sciences, Oxford College, Laney Graduate School, Goizueta Business School, Emory School of Law, and Candler School of Theology. Including health sciences, Emory has a total of 14,236 students, 4,047 faculty, 27,747 employees, and an endowment of \$5.5 billion, which ranks 16th among U.S. universities.

Comprehensive Figures in Health Sciences

Faculty	2,736
Adjunct faculty	1,428
Students and trainees	5,018
• Medical	564
• Medical residents	1,188
• Nursing	473
• Public health	1,107
• Postdocs	740
• Allied Health	518
• Graduate Division of Biological & Biomedical Sciences	318
• MD/PhD	77
• Master's in Clinical Research	33
Employees (includes 2,736 faculty)	22,583
Hospital beds (includes jointly owned hospitals)	1,918
Annual Emory Healthcare hospital admissions	61,760
Annual Emory Healthcare outpatient service visits	3.8 million
Annual Emory Healthcare nursing home admissions	958
Annual patient service visits, including affiliate hospitals	5.7 million
Research funding (fiscal year 2012)	\$483.4 million
Annual operating expenditures	\$3.3 billion
Annual economic impact on metro Atlanta	\$6.4 billion
Charity care (fiscal year 2012)	\$72.1 million
Endowment	\$2.2 billion
Total buildings	>100
Total net square feet	4.7 million

Emory University School of Medicine (founded 1854)

Christian Larsen, MD, DPhil, Dean

med.emory.edu

Emory University School of Medicine has 2,328 full- and part-time faculty and 833 volunteer faculty. The school had more than 6,600 applications in 2012 for 138 first-year medical student positions. This racially diverse class has an even mix of men and women, and more than half of its members are nontraditional, meaning that they were out of college for at least a year before entering medical school. In 2012, the pass rate for first-time takers of steps 1 and 2 of the National Board Exam (testing basic science and clinical knowledge and skills) was 99% and 100%, respectively.

The school has 564 students and trains 1,188 residents and fellows in

94 accredited programs. The school has 77 MD/PhD students in one of the 40 Medical Scientist Training Programs sponsored by the NIH. Some of the MD/PhD students are in a joint program with Georgia Institute of Technology, with which the medical school shares a biomedical engineering department ranked second in the country by *U.S. News & World Report*. The medical school has nine MD/MPH and five MD/MSCR (master's in clinical research) students. Some 246 medical faculty also train predoctoral bioscience researchers in one or more of the nine programs of the graduate school's Graduate Division of Biological and Biomedical Sciences.

Faculty in five allied health programs train 518 students. These include a physician assistant (PA) program ranked fourth in the nation by *U.S. News & World Report* and a physical therapy (PT) program ranked seventh.

Medical school faculty received \$331.3 million in sponsored research funding in fiscal year 2012, plus another \$75.5 million in funds received by medical faculty at other units in the health sciences center and at the Atlanta VA Medical Center. Ranked 16th nationally in NIH dollars received, the school is known for its research and treatment in heart disease, cancer, neurosciences, transplantation, infectious disease, orthopaedics, renal disease, ophthalmology, and geriatrics.

Physician faculty in Emory's hospitals, affiliate teaching hospitals, and outpatient venues were responsible for 4.4 million patient service visits in 2012. Alumni totals: 5,559 medical school, 9,831 residency/fellowship, 5,414 allied health (the latter includes 999 PT and 1,587 PA alumni). Almost a quarter of the physicians in Georgia trained at Emory. In addition to the school's regular education programs, 7,197 physicians and other health care professionals came to Emory last year to participate in continuing medical education.

Nell Hodgson Woodruff School of Nursing (founded 1905)

Linda McCauley, PhD, FAAN, RN, Dean

nursing.emory.edu

The Nell Hodgson Woodruff School of Nursing has 264 bachelor's, 190 master's, and 19 doctoral students. Bachelor's degree graduates go on to become national and international leaders in patient care, public health, government, and education. Master's degree graduates are qualified to seek certification as nurse practitioners, nurse midwives, and/or clinical nurse specialists. The school's doctoral program focuses on clinical research, with emphasis on health policy, health outcomes, and ethics.

The school offers a dual undergraduate degree with several colleges, a dual master's degree with the Rollins School of Public Health, and a dual master's with the Laney Graduate School in bioethics. The school also offers an

accelerated BSN/MSN program for students with degrees in other fields who want to serve the community as advanced practice nurses.

In fiscal year 2012, the school received \$7.4 million in research funding. *U.S. News & World Report* ranked the school's graduate programs 21st overall, its nurse midwifery graduate program 13th, and its pediatric nurse practitioner program 11th in the nation. Major programs include the Fuld Fellowship, targeting second-career students with interest in serving vulnerable populations; the Lillian Carter Center for Global Health and Social Responsibility; and the Maternal and Newborn Health in Ethiopia Partnership.

The school has 75 faculty, and students can learn from adjunct faculty at some 300 clinical sites, including an alternative winter break in three countries and a multiuniversity, multidisciplinary summer program with Georgia migrant farmworkers. The school has 6,741 alumni.

Rollins School of Public Health (founded 1990)

James Curran, MD, MPH, Dean

sph.emory.edu

The Rollins School of Public Health has 960 master's degree students and 147 PhD students who choose from degree options in behavioral sciences and health education, biostatistics and bioinformatics, epidemiology, environmental health, health policy and management, and global health.

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

In fiscal year 2012, the school received \$73.9 million in research funding, supporting efforts in cancer prevention, cardiovascular epidemiology, nutrition, environmental health, HIV/AIDS, safe water, tobacco control, mental health, addictive behaviors, injury and violence, antibiotic resistance, diabetes and obesity, and health services.

Many of the 264 full- and part-time faculty and 421 adjunct faculty in six academic departments are linked by appointments, shared programs, or research grants with the CDC, Carter Center, American Cancer Society, CARE, Arthritis Foundation, Task Force for Global Health, and state and local public health agencies. Through these partnerships and in its role as a center for international health research and training, the school helps make Atlanta a worldwide destination for public health.

The school is ranked sixth among peer institutions by *U.S. News & World Report*. It has 6,130 alumni.

Yerkes National Primate Research Center (founded 1930)

Stuart Zola, PhD, Director

yerkes.emory.edu

One of eight national primate research centers funded by the National Institutes of Health, Yerkes National Primate Research Center provides leadership, training, and resources to foster scientific creativity, collaboration, and discoveries. Yerkes-based research is grounded in scientific integrity, expert knowledge, respect for colleagues, an open exchange of ideas, and compassionate, quality animal care.

Studies involve 3,200 nonhuman primates. Approximately 1,200 of the animals are at the main center on the Emory campus, and another 2,000 are at a 117-acre facility in Lawrenceville, Ga. The center also has 12,000 rodents in its research vivaria.

Yerkes has 343 staff members, 59 faculty scientists, and 150 graduate and undergraduate students participating in research programs. Supported by \$67 million in research funding in fiscal year 2012, Yerkes is making landmark discoveries in vaccine development for infectious and noninfectious diseases, transplantation medicine, treatments for neurodegenerative diseases and drug addiction, and the evolutionary links between biology and behavior. Yerkes is the only U.S. primate center to have on-site MRI, PET, and cyclotron facilities. Since 1985, the center has been fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International, regarded as the gold seal of approval for laboratory animal care.

Winship Cancer Institute of Emory University (founded 1937)

Walter J. Curran Jr, MD, Executive Director

winshipcancer.emory.edu

The Winship Cancer Institute is the only National Cancer Institute–designated cancer center in Georgia and one of only 67 NCI-designated centers providing cancer care in the country. Winship has 375 faculty members and received nearly \$89 million in research funding in 2012, with \$30 million from the NCI.

Faculty include investigators from 31 departments in Emory's schools of medicine, public health, and nursing and Emory College. They collaborate with professionals from around the world and with national and state agencies, including the CDC, American Cancer Society, and Georgia Research Alliance.

Winship physicians provide care on Emory's campus and at Emory University Hospital (EUH), EUH Midtown, Saint Joseph's Hospital, Grady Memorial Hospital, and the Atlanta VA Medical Center. In addition to using state-of-the-art approaches to cancer therapy, Winship facilitates

cancer prevention, treatment, and survivorship through support groups and integrated complementary therapies.

Winship investigators conduct more than 150 therapeutic clinical trials and enrolled more than 700 patients in 2012. Winship has the largest unit in Georgia for phase 1 clinical trials, which are important to introducing new therapies against cancer. Winship works with the state's Georgia Center for Oncology Research and Education (GeorgiaCore) to partner with community-based physicians to expand availability of cancer clinical trials throughout Georgia.

Emory Healthcare (founded 1997)

John Fox, President and CEO

S. Wright Caughman, MD, Chairman, Emory Healthcare Board

emoryhealthcare.org

Emory Healthcare, the largest, most comprehensive health system in Georgia, includes Emory University Hospital, Emory University Hospital Midtown, Emory University Orthopaedics & Spine Hospital, Wesley Woods Center, Saint Joseph's Hospital, Emory Johns Creek Hospital, Emory Adventist Hospital, The Emory Clinic, Emory Specialty Associates, and the Emory Clinically Integrated Network.

In fiscal year 2012, Emory Healthcare had \$2.4 billion in annual net revenue and provided \$72.1 million in charity care. It has 14,735 staff employees and 1,918 hospital beds (including jointly owned hospitals). Annual inpatient hospital admissions total 61,760, and annual outpatient service visits, 3.8 million.

In addition to outpatient clinic locations listed on pages 8-9, Emory physicians serve as medical directors of walk-in MinuteClinic locations open seven days a week in CVS pharmacy stores throughout Atlanta.

Emory Healthcare Components

Emory University Hospital (founded 1904)

Robert Bachman, CEO

emoryhealthcare.org/emory-university-hospital-atlanta

An adult, tertiary/quaternary care facility, Emory University Hospital (EUH) is approved for 579 beds, with eight beds currently leased to VistaCare for hospice care. EUH is staffed by 1,239 Emory School of Medicine faculty physicians. It includes a 20-bed psychiatric facility, 93 intensive care unit beds, a 56-bed rehabilitation center, and a nine-bed clinical research center supported by the National Institutes of Health. Patients in fiscal year 2012:

25,332 admissions and 157,794 outpatient services. Staff employees: 3,610.

EUH is long known for cardiology, cardiac surgery, orthopaedics, oncology, and neurology/neurosurgery, and it has one of the most comprehensive transplant programs in the Southeast. In 2012, the University HealthSystem Consortium (UHC) ranked EUH second for quality out of more than 100 of the major teaching hospitals in the nation. EUH has one of the highest case-mix indexes (a measure of complexity of illness treated) among these UHC-ranked facilities. Also in 2012 *U.S. News & World Report* ranked EUH the No. 1 hospital in both metro Atlanta and Georgia. For the 15th year in a row, Atlanta health care consumers named the hospital the Consumer's Choice Award winner.

Emory University Hospital Midtown (founded 1908)

Dane Peterson, CEO

emoryhealthcare.org/emory-university-hospital-midtown-atlanta

Emory University Hospital Midtown (EUHM) is a tertiary care facility approved for 511 beds, with 36 leased to other organizations for specialty care. It is staffed by 1,152 Emory School of Medicine faculty and 394 community physicians. EUHM has 88 intensive care unit (ICU) beds, including 11 beds in a level III neonatal ICU. Patients in fiscal year 2012: 20,448 admissions and 172,872 outpatient services. Staff employees: 2,576.

EUHM's case-mix index (a measure of complexity of illness treated) is higher than that of most community hospitals. It is well known for services in cardiology, cardiac surgery, gastroenterology, neurosurgery, cancer, and emergency medicine. Women's services include prenatal and postnatal education, bone density testing, mammography, and obstetrics, with specialization in high-risk pregnancy. In 2012, the University HealthSystem Consortium ranked EUHM sixth nationally for quality out of more than 100 academic medical centers.

Emory University Orthopaedics & Spine Hospital (founded 2007)

Robert Bachman, CEO

June Connor, Administrator

emoryhealthcare.org/emory-orthopaedics-spine-hospital

An extension of Emory University Hospital's acute care services, Emory University Orthopaedics & Spine Hospital is located seven miles east of the university campus. It has 120 licensed beds and seven operating rooms. It provides medical and surgical care for orthopaedic and spine patients as well as general acute care for patients with nonsurgical needs. Staff employees: 234.

Emory Healthcare

Inpatient care

- Emory University Hospital
- Emory University Hospital Midtown
- Emory University Orthopaedics & Spine Hospital
- Wesley Woods Hospital (geriatric/chronic care) and Budd Terrace at Wesley Woods (long-term care)
- Saint Joseph’s Hospital (jointly owned)
- Emory Johns Creek Hospital (jointly owned)
- Emory-Adventist Hospital (jointly owned)

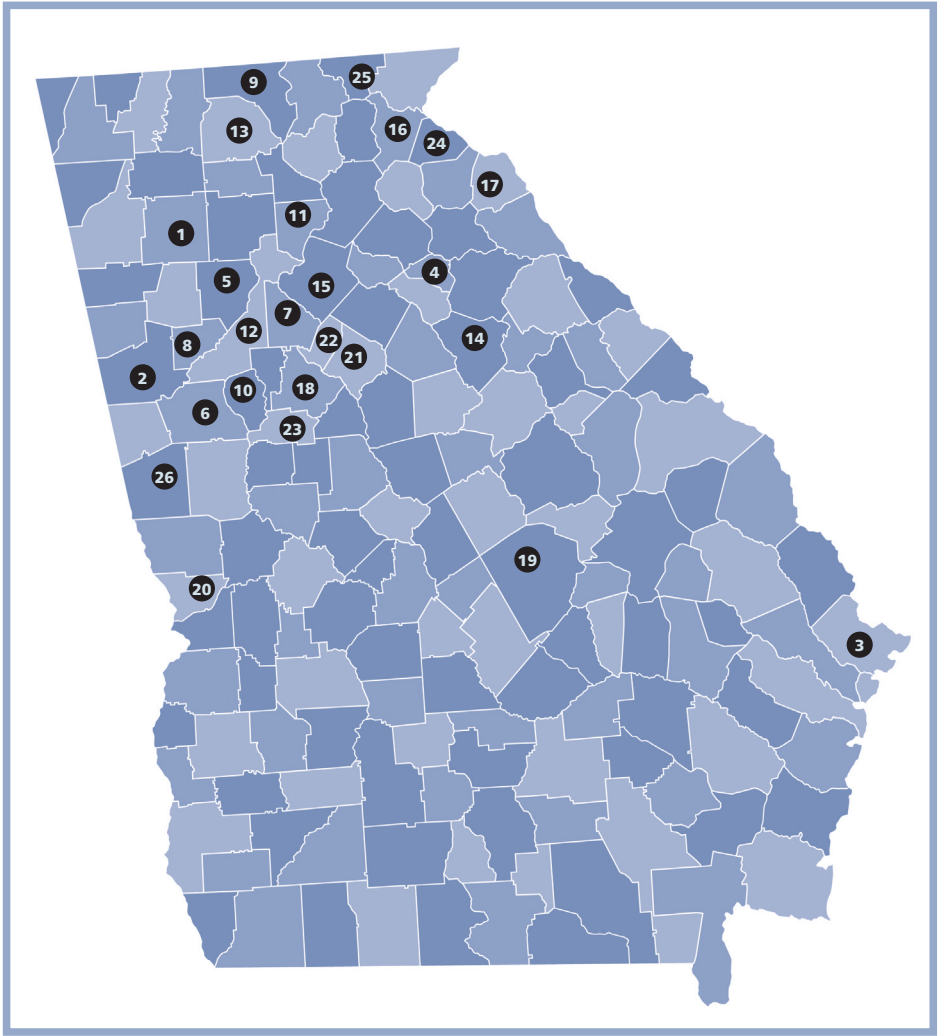
Outpatient care

The Emory Clinic and Emory Specialty Associates together have 77 physician group practice locations throughout the city and state in addition to six hospital-based clinics, and 17 other ambulatory service sites.

County/number of outpatient locations (see map at right)

- | | |
|--|---|
| 1 Bartow (Cartersville): one | 14 Greene (Greensboro): one |
| 2 Carroll (Villa Rica): one | 15 Gwinnett (Buford, Duluth, Lawrenceville, Norcross, Snellville, Suwanee): nine |
| 3 Chatham (Savannah): one | 16 Habersham (Demorest): one |
| 4 Clarke (Athens): one | 17 Hart (Hartwell and Royston): two |
| 5 Cobb (Austell, Marietta, Smyrna): five | 18 Henry (McDonough, Stockbridge): five |
| 6 Coweta (Newnan, Sharpsburg): two | 19 Laurens (Dublin): one |
| 7 DeKalb (Atlanta, Decatur, Lithonia, Tucker): 17, including Emory Clinic sites on Clifton Road, Winship Cancer Institute, Wesley Woods Geriatric Clinic, and Emory Orthopaedics & Spine Center | 20 Muskogee (Columbus): one |
| 8 Douglas (Douglasville): one | 21 Newton (Covington): four |
| 9 Fannin (Blue Ridge): one | 22 Rockdale (Conyers): one |
| 10 Fayette (Peachtree City): one | 23 Spalding (Griffin): one |
| 11 Forsyth (Cumming): four | 24 Stephens (Toccoa): two |
| 12 Fulton (Alpharetta, Atlanta, Dunwoody, Johns Creek, Milton, Roswell): 22, including Emory Midtown | 25 Towns (Hiawassee): one |
| 13 Gilmer (Ellijay): one | 26 Troup (LaGrange and West Point): seven |

For more detailed location information about clinic locations, see emoryhealthcare.org/locations/the-emory-clinic/index.html.



Emory Clinically Integrated Network

The entities listed on page 8 and in the above map are part of the Emory Clinically Integrated Network (CIN), a network of physicians and hospitals formed to improve care coordination and quality outcomes as well as control costs for patients and the community.

The Emory CIN includes the following:

- All the hospitals listed on page 8
- Southern Regional Medical Center
- 2,250 physicians (Emory faculty physicians and physicians in private practice)

Wesley Woods Center (founded 1954)

William Such, Interim COO

emoryhealthcare.org/senior-health-center

Founded by the United Methodist Church and Emory University, Wesley Woods Center serves the elderly and chronically ill. The center includes Wesley Woods Hospital (founded 1987), a 100-bed facility with 18 beds for long-term acute care. Patients in 2012: 1,464 admissions and 15,550 outpatient services. The hospital is staffed by 426 Emory School of Medicine faculty physicians.

In addition to the hospital, Wesley Woods Center includes an outpatient primary care clinic, a 250-bed skilled nursing care facility (Budd Terrace), a multispecialty health center that includes dental and psychiatric care, and a 201-unit residential retirement facility (Wesley Woods Towers), with one floor of 18 units dedicated to personal care. Nonphysician employees: 564 (Wesley Woods Center) and 288 (Wesley Woods Senior Living residential retirement facilities). Wesley Woods Center is well known for its programs in depression, sleep disorders, rehabilitation, Alzheimer's, Parkinson's, and Huntington's disease.

Saint Joseph's Hospital (founded 1880)

Scott Schmidly, CEO

stjosephsatlanta.org

Located in the north metro area, Saint Joseph's Hospital is a 410-bed acute care facility with 100 Emory School of Medicine faculty physicians, 673 community physicians, and 58 Emory Specialty Associate physicians. Noted especially for cardiac care, the hospital also offers neurologic, vascular, gastrointestinal, respiratory, orthopaedic, and cancer care, among other specialties. Patients in 2012 (January through August): 8,626 admissions and 148,364 outpatient services. Staff employees: 1,774.

Emory Johns Creek Hospital (founded 2007)

Craig McCoy, CEO

emoryjohnscreek.com

Located in the north metro area, Emory Johns Creek Hospital is a 110-bed acute care facility staffed by 278 Emory faculty, 417 community physicians, and 41 Emory Specialty Associate physicians. Services include emergency care, digital imaging, a birth center with level III neonatal intensive care, adult intensive care, a bariatric center, advanced cardiac care, women's services, outpatient rehab, sleep medicine, and a pain center. Patients in 2012: 5,349 admissions and 53,006 outpatient services. Staff employees: 640.

Emory-Adventist Hospital (founded 1974)

Dennis Kiley, President

emoryadventist.org

Located in Smyrna, Ga., this hospital has 88 acute care beds and is staffed by 187 physicians. Annual patient services: 1,547 admissions and 44,306 outpatient services. Staff employees: 476.

The Emory Clinic (founded 1953)

Douglas Morris, MD, CEO and Director

Donald Brunn, President and COO

Chris Larsen, MD, DPhil, Chairman of the Board

emoryhealthcare.org/locations/the-emory-clinic

The largest, most comprehensive group practice in Georgia, The Emory Clinic has more than 1,800 Emory faculty physicians, nurse clinicians, physician assistants, and other providers, with locations throughout the city and state. Nonphysician employees: 2,610. Patient services in fiscal year 2012: 2,558,260.

Emory Specialty Associates (founded 2006)

Douglas Morris, MD, CEO and Chairman

Don Brunn, President and COO

Maureen DeBlois, Chief Administrative Officer

In addition to The Emory Clinic, Emory Healthcare provides outpatient care via Emory Specialty Associates (ESA), an outreach physician practice organization with 58 locations in 12 counties throughout the city and state. ESA has more than 155 nonfaculty physicians. Two of ESA's larger members are Saint Joseph's Medical Group in metro Atlanta and Emory Clark-Holder Clinic in LaGrange. Nonphysician employees: 996. Patient services in fiscal year 2012: 428,665.

Emory Clinically Integrated Network (founded 2011)

Richard Gitomer, MD, President, Chief Quality Officer, Director of Medical Services

Patrick Hammond, Executive Director

The Emory Clinically Integrated Network (CIN) is a network of physicians and hospitals formed to improve care coordination among its members to improve quality outcomes and manage costs more efficiently. It includes Emory-owned and jointly owned hospitals, Southern Regional Medical Center in Riverdale, and 2,250 physicians (both Emory physicians and physicians in private practice).

Woodruff Health Sciences Center (WHSC) Hospital Affiliates

- **Grady Memorial Hospital**, 953 licensed beds. Annual patient services: 26,840 admissions and 560,000 outpatient services. Staffed by 539 Emory medical faculty (full-time equivalent of 235). In addition, 362 Emory residents and fellows provide care at Grady under supervision of the faculty. Together, these Emory physicians provide about 85% of care at Grady, with the other 15% provided by Morehouse School of Medicine.
- **Children's Healthcare of Atlanta**
 - Children's at Egleston, 255 beds (Emory campus). Annual patient services: 11,036 admissions, 244,936 outpatient services. Staffed by 224 Emory physicians and by physicians from the community, with Emory clinicians providing 95% of care.
 - Children's at Hughes Spalding, 24 beds (Grady Hospital campus). Annual patient services: 1,037 admissions and 77,858 outpatient services. Staffed by 64 Emory physicians (full-time equivalent of 20.5) and by physicians from Morehouse School of Medicine and from the community, with Emory clinicians providing about 66% of care.
 - Some Emory pediatric faculty also teach and have admitting privileges at Children's at Scottish Rite, 250 beds (north Atlanta).
 - Emory and Children's are partners in education, research, and patient care in a newly formed pediatric center. Emory and Children's share a joint research officer, and more than half of the space in a new 200,000-sq-ft Health Sciences Research Building, which opens in 2013, will be devoted to shared pediatric research.
- **Atlanta Veterans Affairs Medical Center**, 217 hospital beds, 60 nursing home beds, 12 psychiatric residential rehab beds. Annual patient services: 7,107 admissions and 1,045,572 outpatient services. Staffed by 250 Emory physicians, providing virtually all physician care.

Woodruff Leadership Academy (founded 2003)

Michael M.E. Johns, MD, Emeritus Executive VP for Health Affairs, WLA President

S. Wright Caughman, MD, Executive VP for Health Affairs

Gary Teal, MBA, WHSC Chief Administrative Officer, WLA Dean

whsc.emory.edu/WLA

The Woodruff Leadership Academy (WLA) was established to develop leadership potential in professionals and managers in the WHSC to create, articulate, and achieve organizational vision. WLA currently has 254 alumni.

Partners in Patient Care, Research, and Teaching

- **Atlanta Clinical and Translational Science Institute**

Emory is the lead partner in the **Atlanta Clinical and Translational Science Institute (ACTSI)**, a collaborative funded by the National Institutes of Health and created to increase availability and enhance efficiency of clinical trials for patients. Other university ACTSI partners include Morehouse School of Medicine and Georgia Institute of Technology.

- **GeorgiaCORE**

Emory's Winship Cancer Institute works with the Georgia Center for Oncology Research and Education 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 second in the nation by *U.S. News & World Report*. The two institutions also collaborate on initiatives in nanotechnology, vaccine delivery, clean air and water, health services and health systems research, predictive health, regenerative medicine, and design of “smart” facilities and equipment to help the elderly and disabled.

- **Georgia Research Alliance (GRA)**

The Georgia Research Alliance (GRA) is a partnership of business, research universities, and state government that fosters economic development. Through the GRA, the state invests in WHSC research in nanotechnology, screening for new drugs, vaccines, AIDS, immunology, transplantation, clinical trials, biomedical informatics, autism, and Alzheimer's. The Georgia Cancer Coalition is a GRA initiative that invests in cancer research at Emory and works to make the latest advances in cancer care available to all Georgians.

- **Morehouse School of Medicine**

Emory's School of Medicine partners with Morehouse in serving patients at the publicly owned Grady Memorial Hospital (see page 12) and in training Morehouse residents. The two schools are also partners in research through the Atlanta Clinical and Translational Science Institute (see above).

- **U.S. Centers for Disease Control and Prevention**

In addition to support and collaboration in research, officers from the Centers for Disease Control and Prevention frequently serve as adjunct faculty in Emory's schools of medicine and public health.

Woodruff Health Sciences Center (WHSC) Impact on Georgia

- The Woodruff Health Sciences Center (WHSC) helps make Emory the third largest private employer in metro Atlanta.
- With \$3.3 billion in operating expenditures in fiscal year 2012, the WHSC's annual economic impact on metro Atlanta is estimated at \$6.4 billion.
- Emory currently manages more than 1,000 technologies invented by its scientists and physicians. Management of inventions has led to formation of 63 new companies and the introduction of 50 new products to market, some of which (HIV drugs) have had major societal impact. In fact, Emory is the fourth largest contributor in the nation to the discovery of new drugs and vaccines by public-sector research institutions. Royalties earned from sales of new products by Emory licensees total more than \$831 million, which has been used to subsidize additional research and education at Emory.
- The WHSC received \$483.4 million in sponsored research funds in fiscal year 2012, bringing Emory University's total for the year to \$520.3 million. These awards include \$20 million from the National Institutes of Health to develop better treatments for organ transplant recipients, \$8.3 million from the NIH to create an Autism Center of Excellence, \$7.5 million for a five-year renewal of the Winship Cancer Institute's National Cancer Institute designation, \$30.7 million from the NIH for a five-year renewal of the Atlanta Clinical and Translational Science Institute (see page 13), and \$9 million from the NIH for a five-year renewal of the Emory Center for AIDS Research, among others.
- Emory's medical school recently launched a new master's degree in genetic counseling, the first in Georgia, to address a national shortage of board-certified counselors to interpret genetic information related to risk. Emory also provides more than half of the residency training positions in Georgia; 49 of the medical school's 94 residency programs are the only such programs in the state. Such programs provide a critical recruiting base for Georgia's physician workforce.
- The WHSC invested more than 22% of its tuition income in fiscal year 2012 in student financial aid, an amount totaling more than \$17.8 million.
- Emory Healthcare provided \$72.1 million in charity care in fiscal year 2012. Emory faculty also provided \$23.4 million in uncompensated care in fiscal year 2012 at the publicly owned Grady Memorial Hospital. Via the Emory Medical Care Foundation, the Emory faculty practice plan at Grady, they invested all payments received for patient care at Grady (\$38 million) to

support Emory's patient services at that facility. Emory also is a preeminent provider of specialty care to indigent children in Georgia.

- From 2005 through 2012, the WHSC raised \$1.17 billion, part of the \$1.69 billion raised overall during Campaign Emory, the first fund-raising campaign in Georgia to exceed \$1 billion.
- A new 200,000-sq-ft Health Sciences Research Building, to open in spring 2013, will provide space for research in pediatrics, cancer, immunology, and drug discovery, among other areas. Also under construction is a three-story addition to a neuroscience research facility at Yerkes National Primate Research Center and a new 19,800-sq-ft building at Yerkes where research will focus on infectious disease and transplant medicine. In 2013, Emory breaks ground on a new 210-bed addition to Emory University Hospital that is expected to be completed in 2017.
- The Emory Vaccine Center is one of the largest academic vaccine centers in the world, with scientists working on vaccines for AIDS, malaria, hepatitis C, influenza, tuberculosis, and other diseases. Emory's Hope Clinic, which conducts clinical trials for promising vaccines, is part of the country's premier networks for vaccine and prevention trials for infectious diseases.
- Emory provides medical direction of Grady Health System's Ponce de Leon Center, one of the largest, most comprehensive AIDS treatment centers in the country. Emory is also a primary site in the nation's premier NIH-funded AIDS clinical trials network.
- During the past year, Emory was one of 14 academic institutions across the nation to receive a Health Care Innovations award aimed at reducing health care costs, improving quality, and enhancing the health care workforce. The award supports Emory's plan to build a network supporting ICUs in north Georgia. The program is expected to improve access to ICU care in the community and to save more than \$18 million over three years.
- In fiscal year 2012, Emory Healthcare invested \$107.9 million to cover the shortfall between its cost to provide care to Medicaid patients and Medicaid reimbursement, \$21.1 million to pay the Georgia hospital provider tax, and \$8.6 million to conduct other activities to benefit the community, such as discounted/free prescription drug programs, transportation services for patients, blood drives, and subsidized nursing home and home care.
- Emory offers access to more clinical trials than any other institution in the state, offering Georgians access to investigational drugs, devices, and procedures.

Woodruff Health Sciences Center Officers (WHSC)

S. Wright Caughman, MD

*Executive VP for Health Affairs, Emory; CEO, WHSC;
Chairman, Emory Healthcare*

Charles Andrews, MPA

Senior Associate VP, Space Planning and Construction

Shari Capers, MBA/MHA

Associate VP, Health Sciences Strategic Planning

Walter J. Curran Jr, MD

Associate VP for Cancer; Executive Director, Winship Cancer Institute

Vince Dollard, APR

Associate VP, Health Sciences Communications

John Fox, MBA

President and CEO, Emory Healthcare

Gregory Jones, EdD, MBA, MSC

Associate VP for Health Affairs

Jane Jordan, JD

Deputy General Counsel/Chief Health Counsel, Emory University

Ronnie Jowers, MBA

CFO, WHSC; VP for Health Affairs

Jeffrey Koplan, MD, MPH

VP, Global Health; Director, Emory Global Health Institute

Chris Larsen, MD, DPhil

*VP, Health Center Integration; Dean, Emory School of Medicine;
Chairman, The Emory Clinic*

Margery (Maggi) McKay

VP, Health Sciences Development

Douglas Morris, MD

*CEO and Director, The Emory Clinic;
CEO and Chairman, Emory Specialty Associates*

David Stephens, MD

VP, Health Sciences Research

Gary Teal, MBA

Chief Administrative Officer, WHSC

James Wagner, PhD

President, Emory University

Douglas Ivester

Chairman, WHSC Board



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UNIVERSITY

Woodruff Health
Sciences Center

emoryhealthsciences.org

