

Emory minute

EMORY IS WORKING WITH PARTNERS THROUGHOUT THE COMMUNITY TO SOLVE PROBLEMS AND MAKE LIFE BETTER

DID YOU KNOW?

Emory received \$507 million in research dollars in fiscal year 2013, funds that are leveraged through partnerships with Georgia Tech, Children's Healthcare of Atlanta, CDC, Morehouse School of Medicine, Atlanta VA Medical Center, UGA, and others.

Economic engine

- 28,000 employees, largest employer in DeKalb County, third largest in metro Atlanta
- Annual estimated economic impact on metro Atlanta of \$7.8 billion
- Helped create 69 start-ups, 41 in Georgia, in the past decade

Access to health care

- More than 1,000 therapeutic clinical trials, more than any other institution in Georgia
- Largest, most comprehensive health system in Georgia, with six hospitals, 200 provider locations, and 1,800 physicians in 70 specialties
- Provided \$80.3 million in charity care at Emory facilities in fiscal year 2013
- Provided more than \$25 million in uncompensated care at Grady Hospital in fiscal year 2013
- Provides the majority of all physician care at Atlanta VA Medical Center
- Accountable care contract with Blue Cross/Blue Shield of Georgia to enhance value and decrease cost of care and to safely share medical record data electronically among providers
- Training nurse practitioners and physician assistants to provide intensive care in rural areas



Changing the timeline in autism

When Walt (who is fascinated by vacuum cleaners) first began treatment at Marcus Autism Center, he spoke only three words, wasn't toilet trained, and was often distraught or enraged. When therapists encouraged him to put things that interested or scared him on paper, he drew happy scenes from a recent family vacation, perfectly spelled out words from a favorite video, and portrayed faces that showed various emotions. Therapists used the drawings to work on Walt's lack of speech and behavioral issues and to help his parents build a relationship based on what their son was curious about. Walt was diagnosed younger than most children, but his parents wish his treatment could have begun even earlier, when the neurologic window was open wider. (Marcus, an Emory partner and affiliate of Children's Healthcare of Atlanta, has the largest autism program in the world by far, with clinicians seeing more than 5,000 children a year.)



Recent findings showing that signs of autism can be detected in the first six months of life have potential to shift future strategies for early intervention. See <http://bit.ly/em-aut-feature> and <http://bit.ly/autism-short>.

How Emory compares

- 5th among universities with highest licensing revenue per dollars spent on research
- 19th in NIH funding
- Two hospitals in top 10 for quality in rankings by University HealthSystem Consortium
- Emory University Hospital ranked 1st in metro Atlanta and Georgia by *US News & World Report*
- Two Magnet-designated hospitals (nursing care)

Research impact

- 9 of 10 US HIV patients take *Emtriva* or 3TC, both created at Emory
- 4th largest contributor in nation to discovery of new drugs and vaccines by public-sector research institutions
- Manages more than 1,000 technologies invented by its scientists and physicians
- One of largest academic vaccine centers in the world, working on flu, TB, hepatitis C, malaria, AIDS, and other diseases

Notable

- 13 Georgia Research Alliance Eminent Scholars
- Emory faculty member Natasha Trethewey is US poet laureate
- 14,500 students, from 46 states and 32 countries; 5,000 students in health professions
- 23 members in Institute of Medicine
- Ranked in top 20 by *US News & World Report*
- 30 members in American Association for the Advancement of Science
- 5 members in National Academy of Sciences
- \$507 million in sponsored research awards in fiscal year 2013

Moving Atlanta forward

A shuttle running hourly between Emory and Georgia Tech helps keep the trail hot to connect biomedical problems with engineering solutions. The two schools share a bio-



medical engineering department ranked second in the country, with about 150 graduate students and 1,400 undergraduates. Researchers are putting their heads together to develop new tools in a multitude of projects, from cancer to cardiology to biohazards. The schools may be sep-

arated geographically, but what's a six-mile ride, after all, if it can help cure a brain tumor, fix a child's heart, prevent blindness, reduce seizures, or stop the spread of a potential flu pandemic? Read more at <http://bit.ly/em-mag-2013>.

EXPLORE EMORY

Prepare yourself for summer

Join Dr. Keith Delman from Winship Cancer Institute for a web chat on melanoma and other skin cancers, Wednesday, May 29th, for an online web chat at 12 noon.

Romare Bearden: A Black Odyssey

Through March 9, 2014

Michael C. Carlos Museum of Emory University