

Metro Atlanta Eds & Meds Competition or Collaboration

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Atlanta's Anchor Institutions



Many a
century old



Help define a
city's brand

Universities and Hospitals

Anchored
in place



Not susceptible to
economic swings

Atlanta Eds & Meds



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

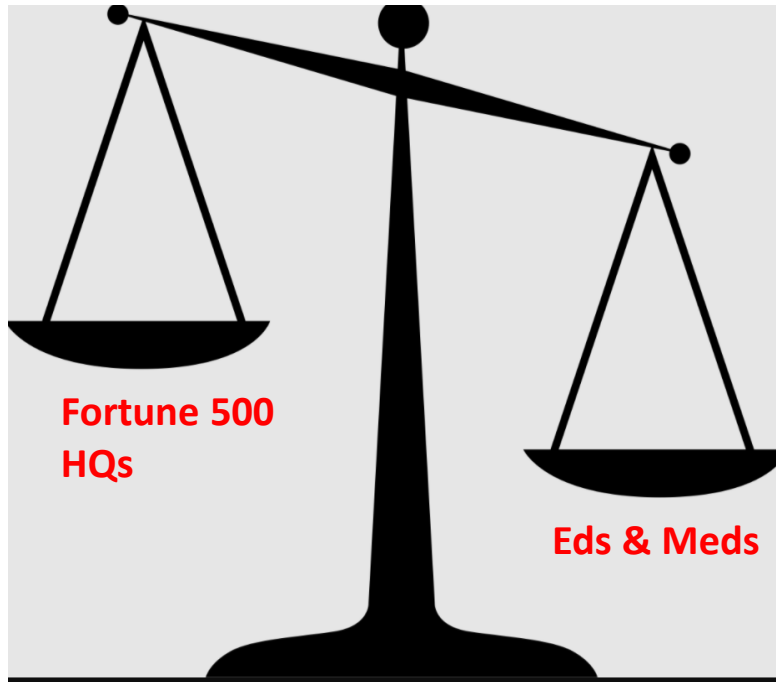




Universities educate and train

- Doctors
- Nurses
- Pharmacists
- Physical Therapists
- Joint Research
- State & Federal Grants
- Public Health Specialists
- IT Professionals
- Hospital Administrators
- Other Hospital Workers

Eds & Meds Have More Jobs than all Fortune 500 HQs combined

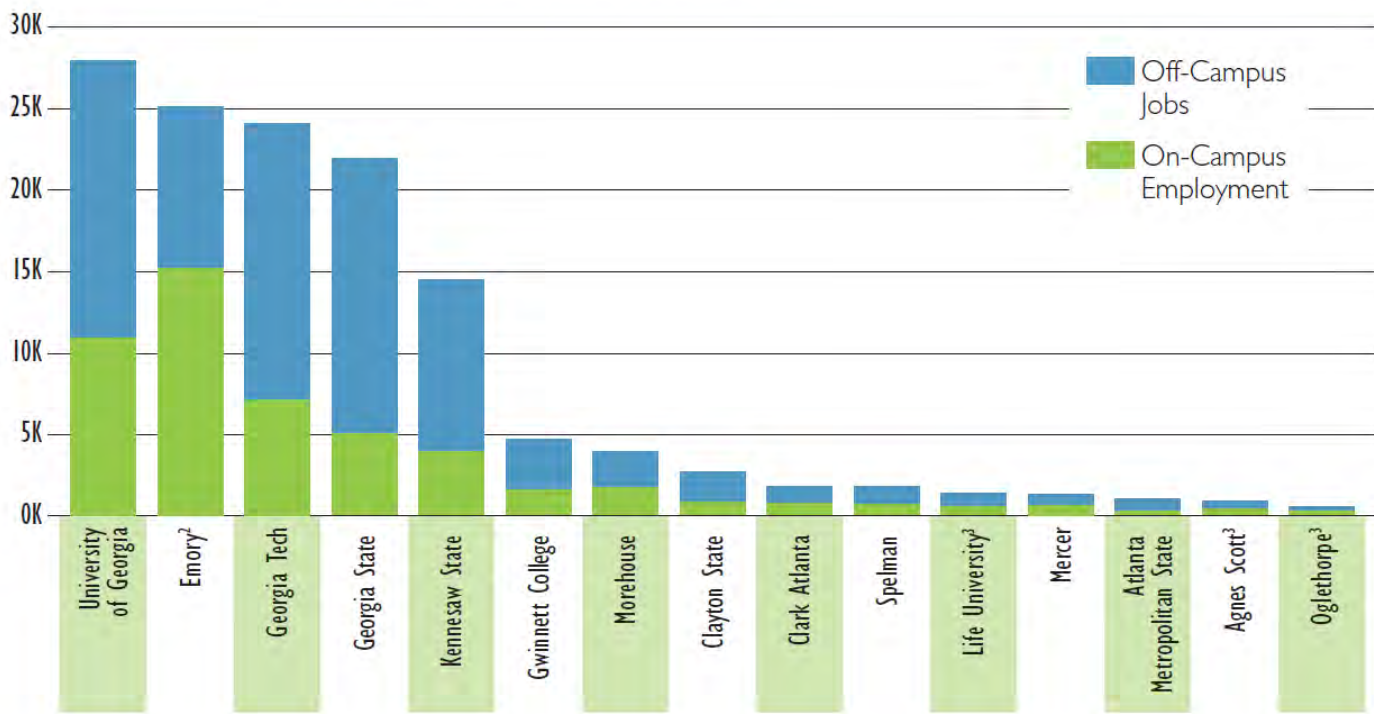


Metro Universities Total Employment 145,000 Jobs



METRO ATLANTA UNIVERSITIES: TOTAL 145,000 JOBS

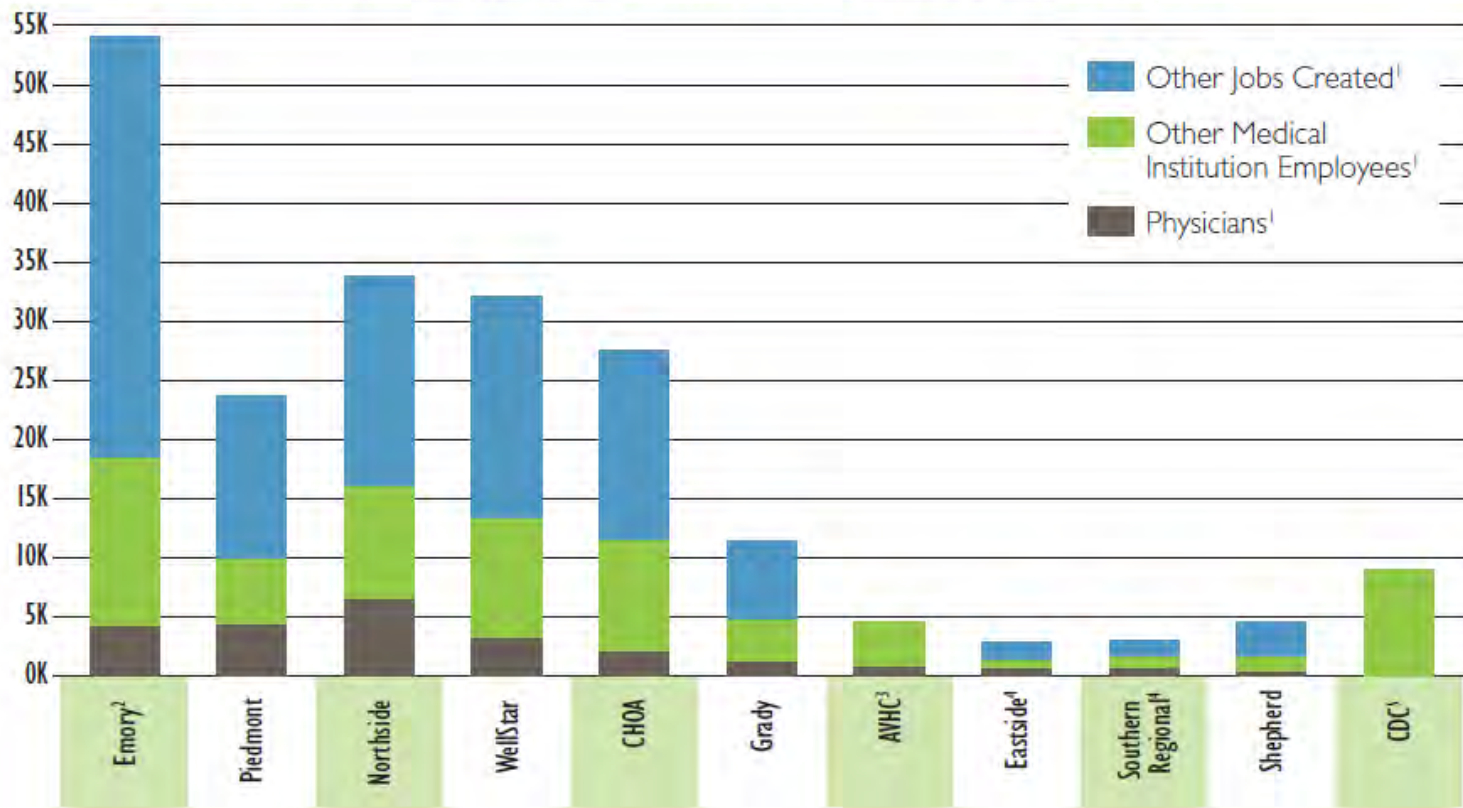
FIGURE I: UNIVERSITY TOTAL EMPLOYMENT IMPACT¹



Hospital Total Employment 198,000 Jobs



FIGURE 6: 2019 HOSPITAL TOTAL EMPLOYMENT IMPACT – TOTAL 198,000 JOBS



Atlanta's Leading University & Hospital Collaborators



Clinical Health : Doctor and Patient in Private/Non-Profit Clinic or Hospital



Major Hospitals

Emory

Piedmont

Northside

Wellstar

Childrens

VA

Grady

Public Health vs Healthcare Parallel - not directly connected



Gov't Operated Public Health Engages Total Community Environment – Detection & Prevention



Government Agencies

Federal – FDA

Federal - NIH

Federal - CDC

State Public Health

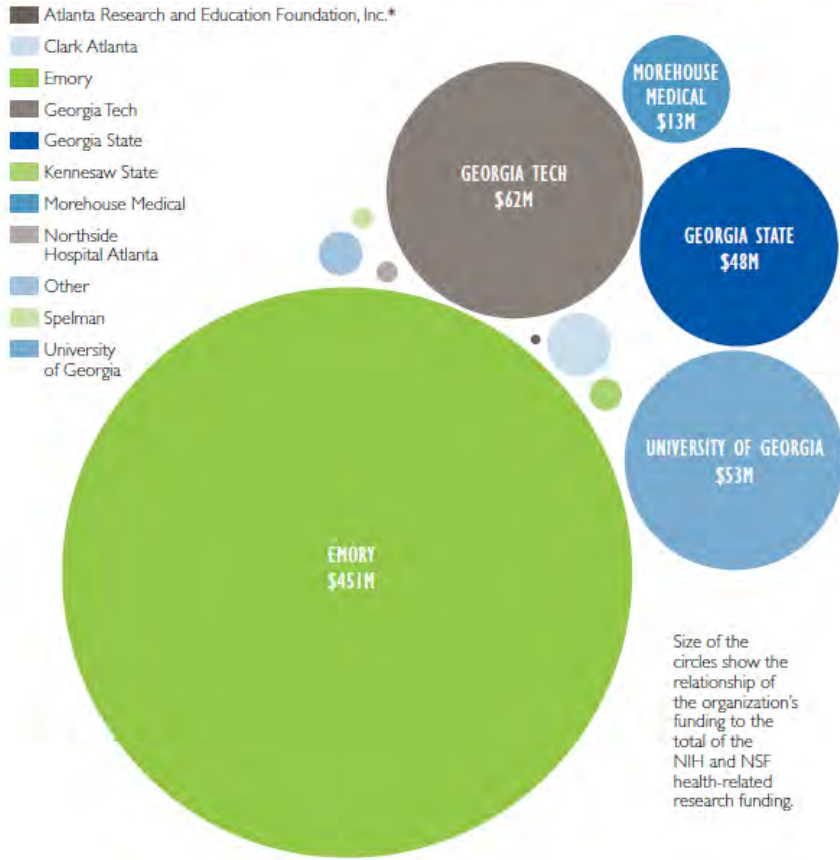
County Public Health

Pandemic Exposed Major Disconnection Between Public Health & Hospitals

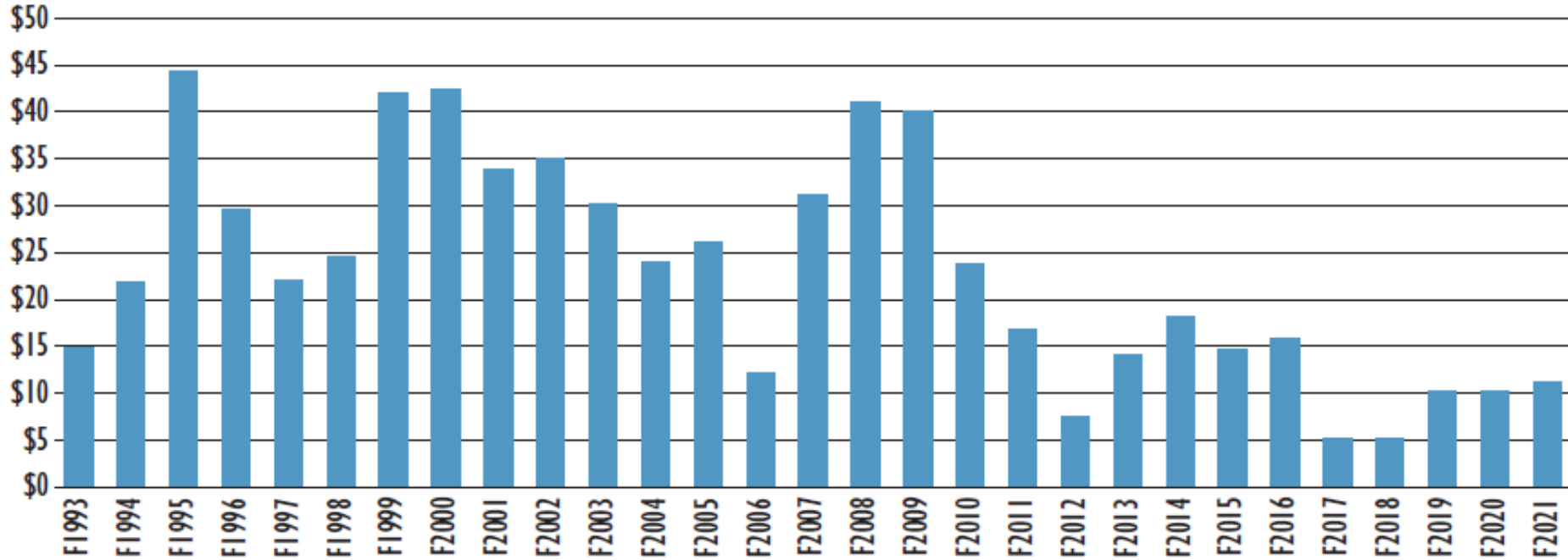


- Hospitals previously operating at 80% + capacity with many insured patients
- Covid patients with severe illnesses pushed paying patients out of hospitals
- Most elective surgery & regular patient visits cancelled creating backlog of citizens needing care resulting in significant losses
- Many hospital employees, especially nurses, suffer stressful burnout creating staff shortages difficult to fill. Traveling nurse companies profit by brokering new hires.
- Public Health agencies' detection, tracking & forecasting was inadequate
- Hospitals, universities and public health organizations need pandemic plans

Federal Medical Research Grants



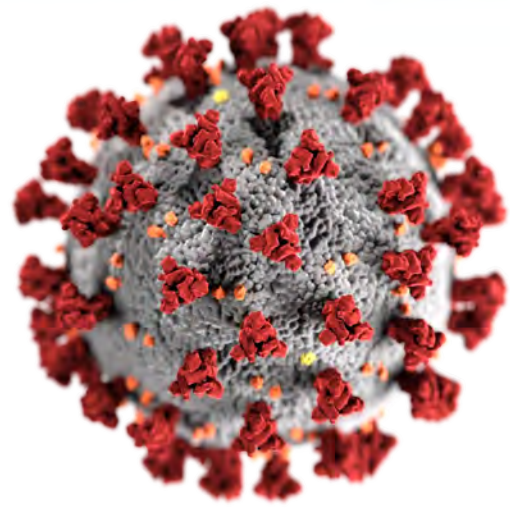
State Funds for University Research



National & Global Breakthroughs



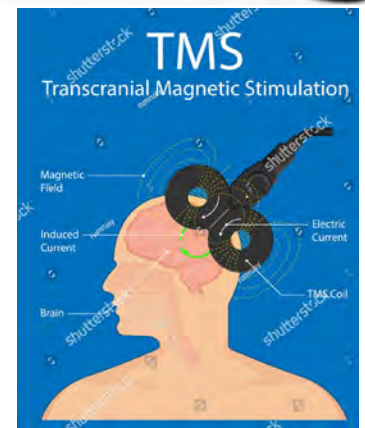
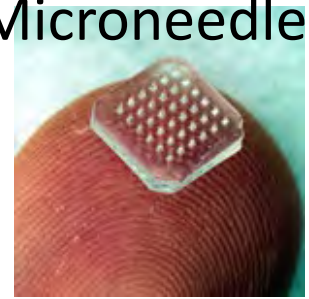
Ebola



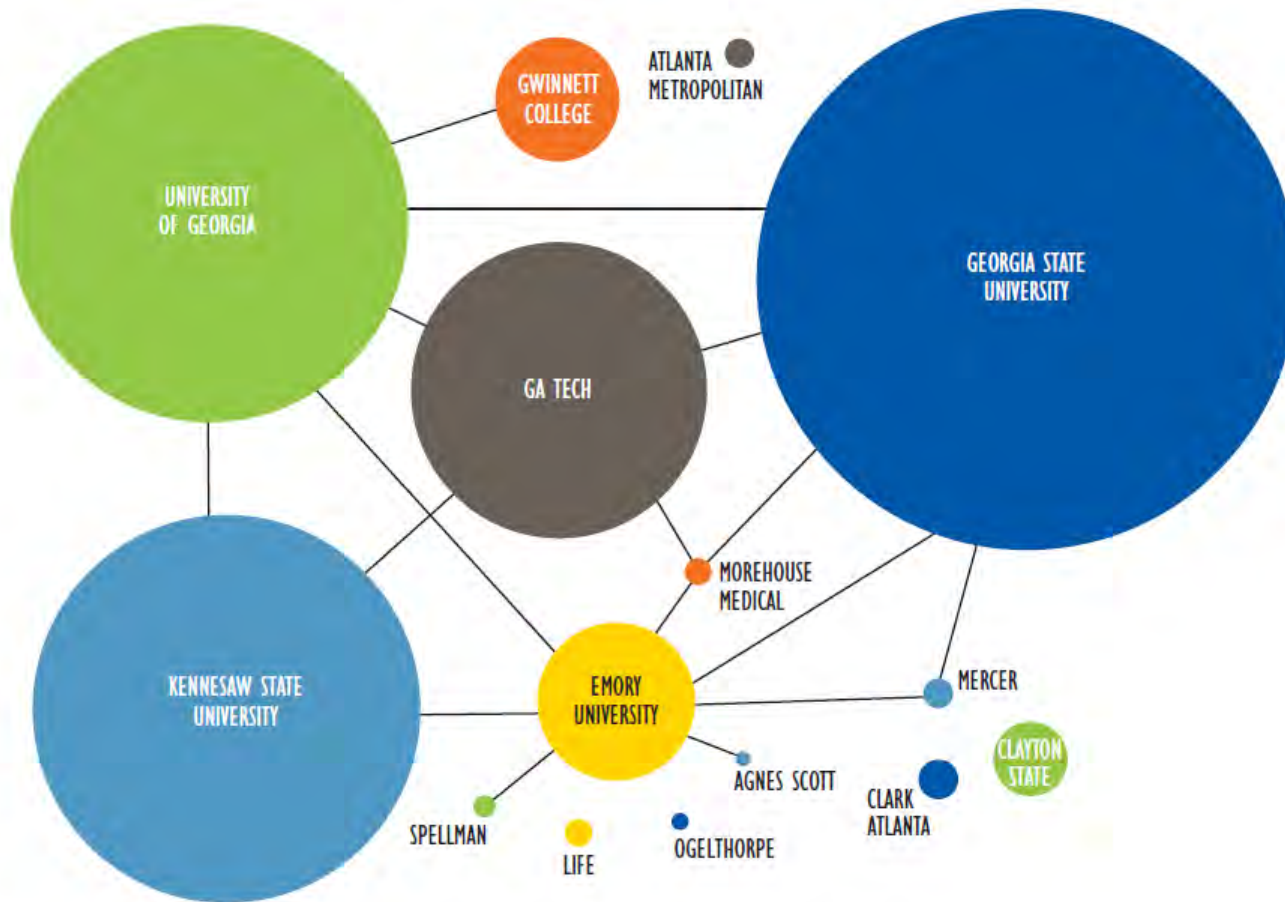
Infant Detection of Autism



Microneedles



University to University Medical Collaboration



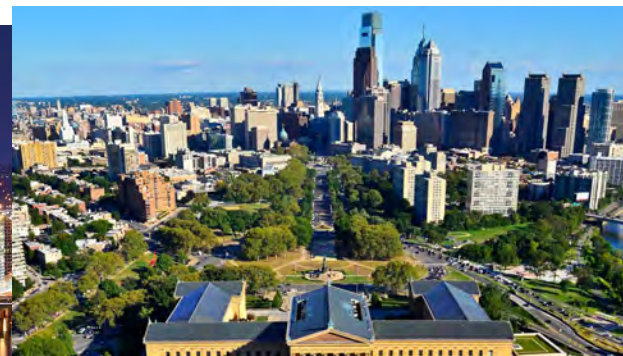
Best Cities' Research & Collaboration



St Louis



Pittsburgh



Philadelphia



Houston

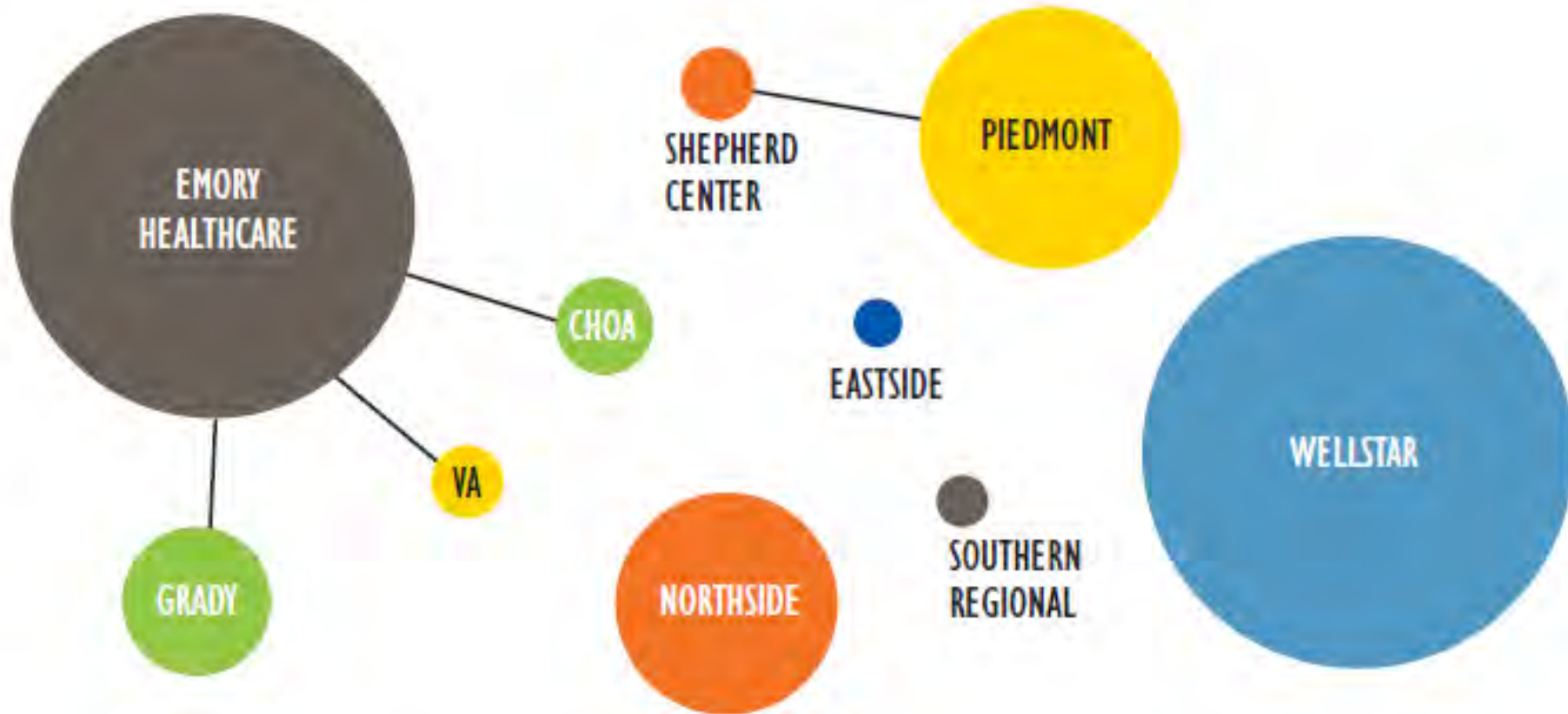


Baltimore



San Diego

Hospital to Hospital Collaboration



Major Medical Collaborative Projects



Georgia Research Alliance
Emory, GSU, Ga Tech,
Morehouse Medical, UGA

Pediatric
Research Alliance
Emory, Ga Tech,
Morehouse Medical,
CHOA, GRA,
CDC

Georgia Clinical and
Translational Science
Alliance (GCTSA)
Emory, Ga Tech,
Morehouse Medical,
UGA, VAMC,
CHOA, Grady

Georgia CORE
All metro hospitals

COVID-19 Operation
Warp Speed
CDC, Emory, GSU,
UGA, Ga Tech

Biomedical Engineering
Partnership
Georgia Tech, Emory,
CHOA, Grady

Centers for Vaccine
and Immunology
Emory, UGA, Grady,
VAMC, CHOA, CDC,
Ga Tech, GSU

GHC3
Ga Tech,
Emory, CDC

Georgia Health
Policy Center
GSU: Institute for Biomedical
Sciences, ARCHI, Public
Health; CDC; Mercer; Emory;
Ga Tech

Marcus Autism
Center
Emory, GSU,
CDC, CHOA

Emory University's
Winship Cancer Institute,
Yerkes National Primate
Research Center and Rollins
School of Public Health
Emory, CDC, Ga Tech, GSU,
UGA, CHOA, Grady, VAMC,
Morehouse Medical

Conclusions



- Despite CDC's presence, Covid-19 testing, tracing and forecasting between public health and hospitals placed Georgia among the lowest vaccinated per-capita in the US
- Public health funding is less than 4% of medical & clinical care funding
- Atlanta's universities and hospitals have more jobs than all Fortune 500 HQ combined and more than \$4 billion in new construction.
- Georgia's public universities are transparent and have increased collaboration while hospitals are very competitive, with much less collaboration
- Atlanta is not among the top cities for Eds & Meds collaboration
- Georgia Research Alliance and National Institutes of Health funded collaborative projects have been very effective but need more participants and financial support
- Even with relative lack of collaboration, Eds & Meds have made significant health breakthroughs in Atlanta

Recommendations



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- Eds & Meds can create partnerships to recruit, train and hire entry level workers and assist in building affordable housing