

REBUILDING GRADY FROM THE INSIDE OUT:

TRANSFORMING A SAFETY NET HOSPITAL

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Building Connections



SPEAKERS

George C. Smith Senior Architectural Project Manager Facilities Development Grady Memorial Hospital

Lynda B. Herrig, PE, LEED AP Associate Partner Newcomb & Boyd







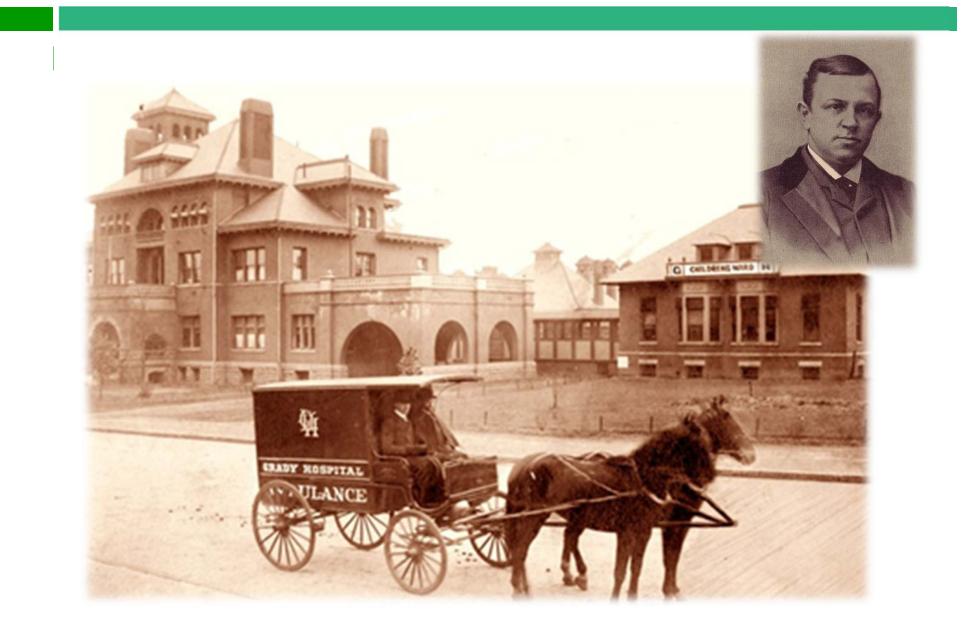


Newcomb & Boyd consultants and engineers

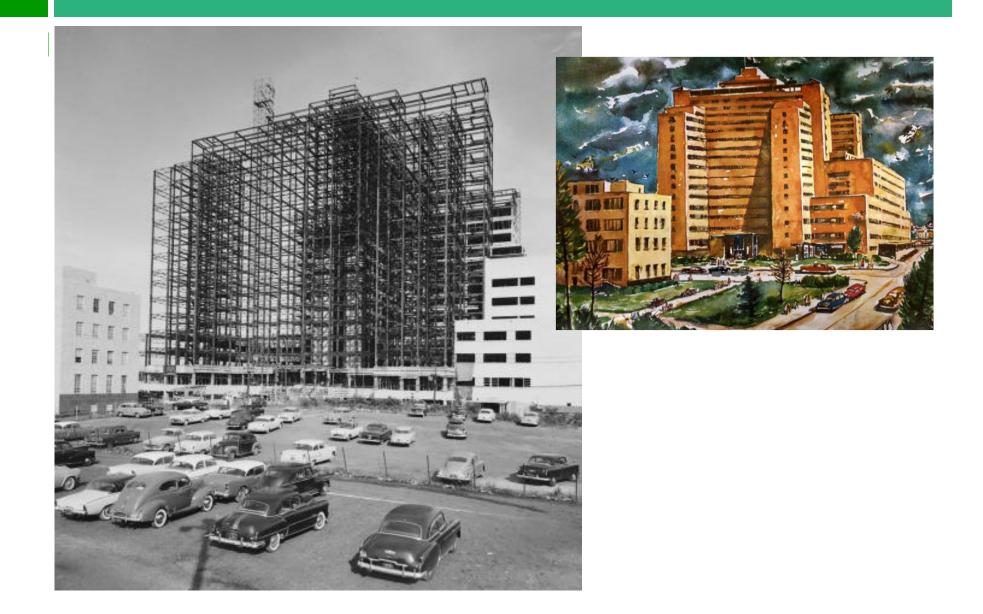
LEARNING OBJECTIVES

- Identify service lines upgraded in a large safety net hospital in its journey to respond to the ACA
- Identify enhancements made to increase patient, visitor and staff satisfaction, and the bottom line
- Identify impact on systems and review infrastructure replacement checklists and reports
- Identify lessons learned from Grady for future projects

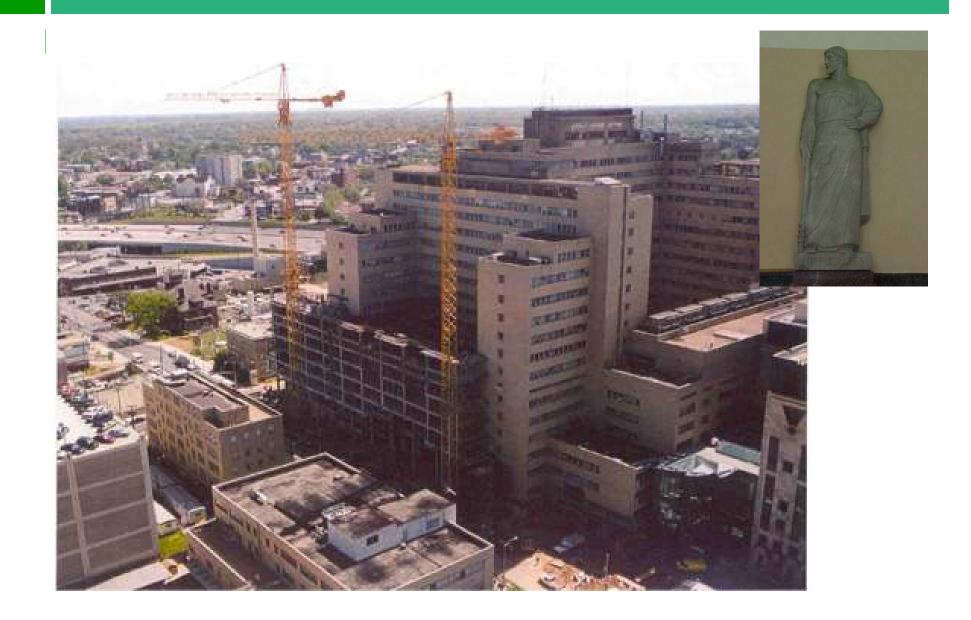














John Haupert President & CEO









STATISTICS 2013

ER Visits 126,000 Stroke Visits 11,000 2,600 Burn Visits 1,200 Neonatal Babies Patient Visits 600,000 953 Beds - Med-Surg 806 - ICU 117 - NICU 30



MARCUS STROKE & NEUROSCIENCE CENTER

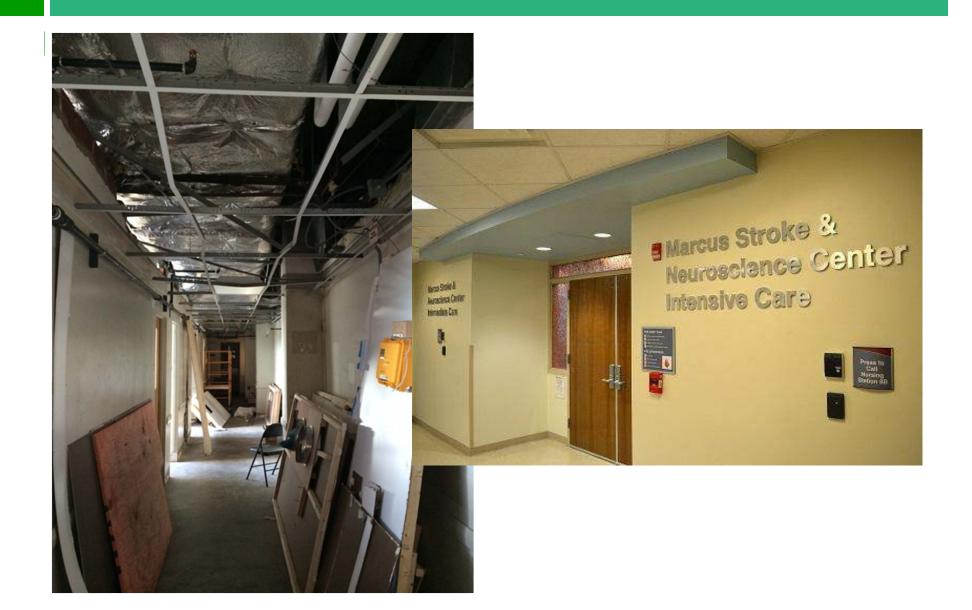
□ 2008

- \$15 million total project cost
- □ 32,000 square feet
- □ 19 ICU rooms
- 20 Step-down rooms
- IVR Suite on the unit
 - 64 slice CT
 - Bi-plane angio



Architect: HKS, Inc.

BEFORE



MARCUS STROKE & NEUROSCIENCE CENTER

- The first safety-net public hospital in the U.S. to be certified as a Primary Stroke Center by The Joint Commission
- Stroke Center built around a specialty surgical unit
- Electrical analysis
 performed for short circuit
 and coordination studies





MARCUS TRAUMA CENTER

□ 2010

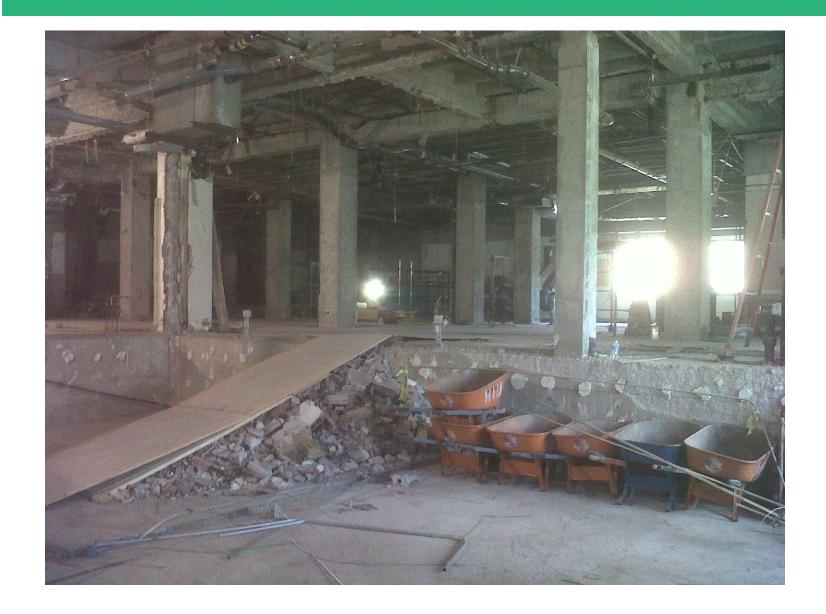
- □ \$7 million total project cost
- □ 19,000 square feet
- □ 7 trauma rooms
- B exam rooms
- Digital x-ray room





Architect: HOK

MARCUS TRAUMA CENTER



MARCUS TRAUMA CENTER



NICU RENOVATION

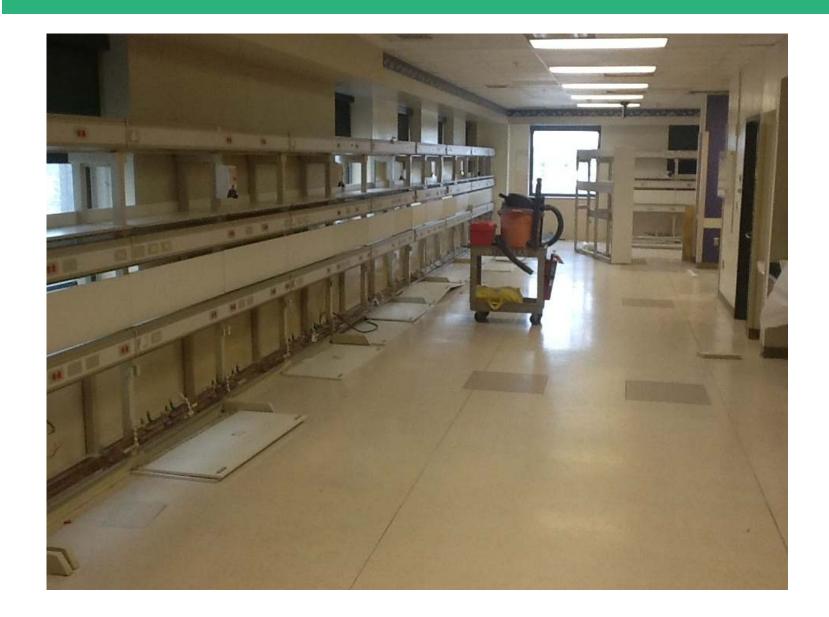
□ 2011

- \$1.2 million total project cost
- □ 7,800 square feet
- □ 30 care spaces



Architect: Knight Architects, Inc.

NICU RENOVATION



NICU RENOVATION



CORRELL CARDIAC CENTER

□ 2012

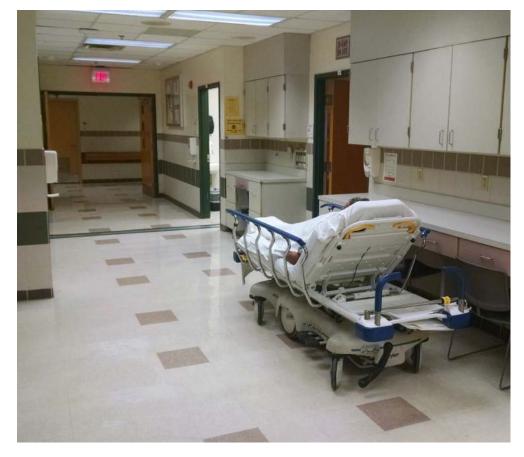
- \$5.4 million total project cost
- □ 11,000 square feet
- 2 procedure rooms
 electro-physiology lab
 catheterization suite
- 8 holding bays
- 5 bay stress lab





Architect: LEO A DALY

CORRELL CARDIAC CENTER





CORRELL CARDIAC CENTER

- New cooling for medical equipment
- New technology allows for program growth
- □ STEMI certification (10/14)
- 24/7/365 access





INPATIENT UNIT UPGRADES

□ 2012

- \$4.7 million total project cost
- □ 32,000 square feet
- □ 52 rooms
- First in a multi-year initiative to convert semiprivate to private rooms hospital-wide





Architect: HDR Architecture, Inc.

INPATIENT UNIT UPGRADES



INPATIENT UNIT UPGRADES

New headwalls

New LED lighting

 New digital fire alarm system

 Upgraded HVAC distribution



CLINICAL DECISION UNIT

□ 2012

- \$2.8 million total project cost
- □ 7,000 square feet
- 18 holding bays
- 2 isolation rooms
- Central diagonal nursing core



Architect: CDH Partners, Inc.

CLINICAL DECISION UNIT



CLINICAL DECISION UNIT

New code compliant air handling unit sized to serve other renovated areas

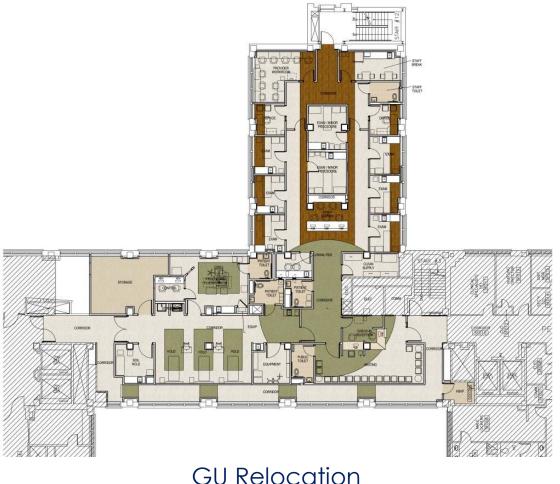
 Individual temperature controls



GU RELOCATION / GI REMODELING

□ 2012

- \$9 million total project cost
- 6,000 square foot
 urology center



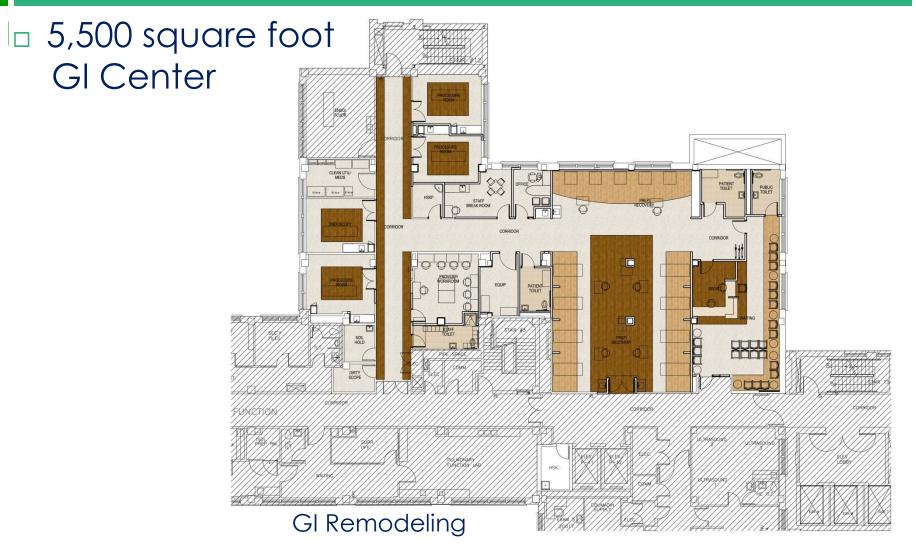
Architect: Stanley, Beaman & Sears

GU RELOCATION / GI REMODELING





GU RELOCATION / GI REMODELING

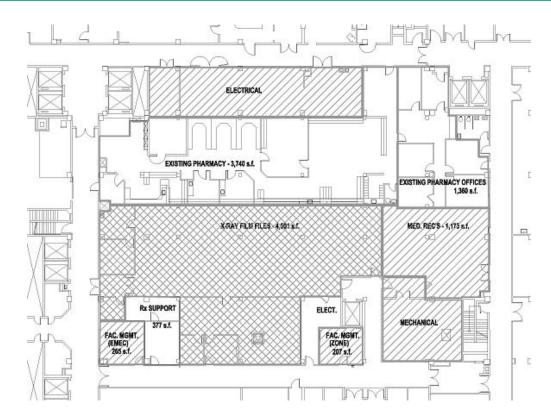


Architect: Stanley, Beaman & Sears

INPATIENT PHARMACY RENOVATION

□ 2012

- \$2.5 million total project cost
- □ 7,055 square feet
- Upgrade
 compounding for
 USP 797
 compliance



INPATIENT PHARMACY RENOVATION

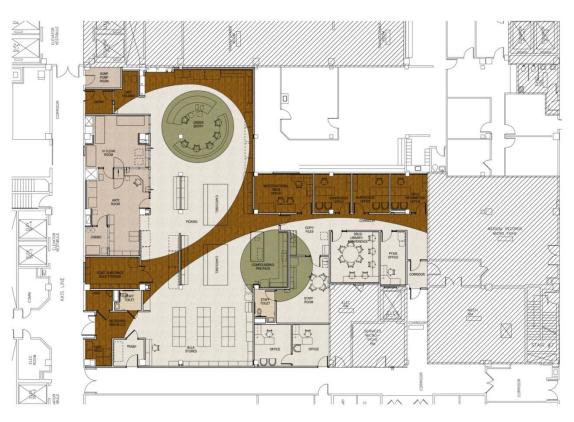


INPATIENT PHARMACY RENOVATION

□ Opens mid-2015

Modern

 infrastructure for
 relative pressure
 relationships



Architect: Stanley, Beaman & Sears

ED & HOSPITAL EXPANSION

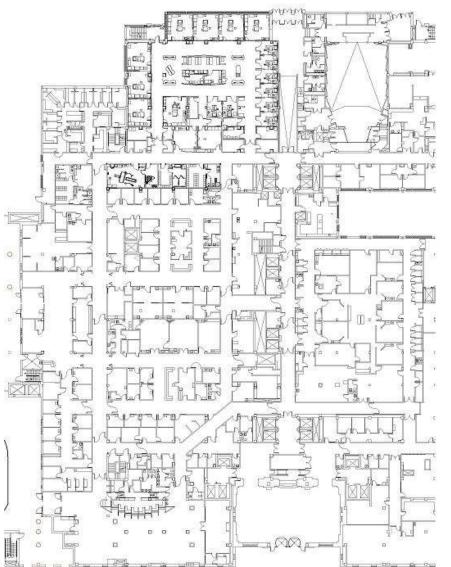
□ 2012

- \$76 million total project cost
- 165,000 square feet
 95,000 sf new
 75,000 sf repovertier
 - 75,000 sf renovation
- New stand alone utility infrastructure in mechanical penthouse



Architect: FreemanWhite, Inc.

ED & HOSPITAL EXPANSION





ED & HOSPITAL EXPANSION



WOMEN'S AND INFANTS' CENTER

□ 2014

- \$18 million total project cost
- 58,500 square feet
 over three floors
- Dedicated entrance
- Prenatal clinic remodeling
- State-of-the-art labor and delivery suites



Architect: BSA LifeStructures

WOMEN'S AND INFANTS' CENTER



WOMEN'S AND INFANTS' CENTER



HEALTH SYSTEM CAMPUS MASTER PLAN

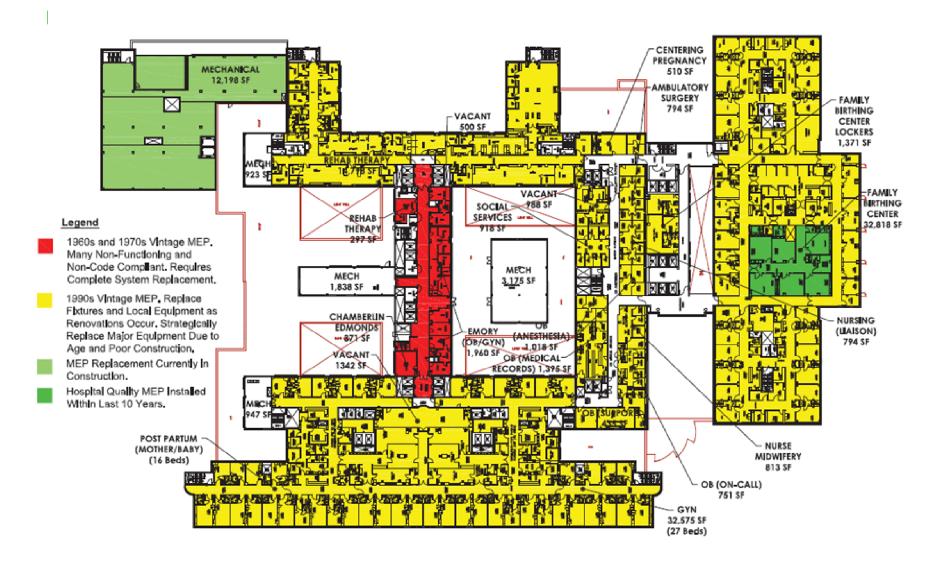
What's next?

- □ 2014
- Building to meet
 strategic business plan
- Infrastructure for the future
- Inviting campus and sense of community



Architect: HDR Architecture, Inc.

HEALTH SYSTEM CAMPUS MASTER PLAN



HEALTH SYSTEM CAMPUS MASTER PLAN

GRADY MAIN HOSPITAL - AIR HANDLING UNIT STACKING DIAGRAM

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CONSTRUCTION CONSIDERATIONS

Coordination: users, facilities, engineering

- Communication: CON, State Fire Marshal,
 Department of Community Health
- Implementation: best practice infection control



INNOVATION

Reuse and recycle existing facility

Adopt sustainability measures:

- LED lighting
- Energy efficient HVAC strategies

Implement Electronic Medical Records

- Named one of Hospital & Health Networks magazine's "most wired" hospitals in 2013

QUESTIONS





