

UH Rainbow Center for Women & Children

Striving toward a Culture of Population Health

Population Health Summit III

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and UH MacDonald Women's Hospital

*New York City
December 7, 2015*

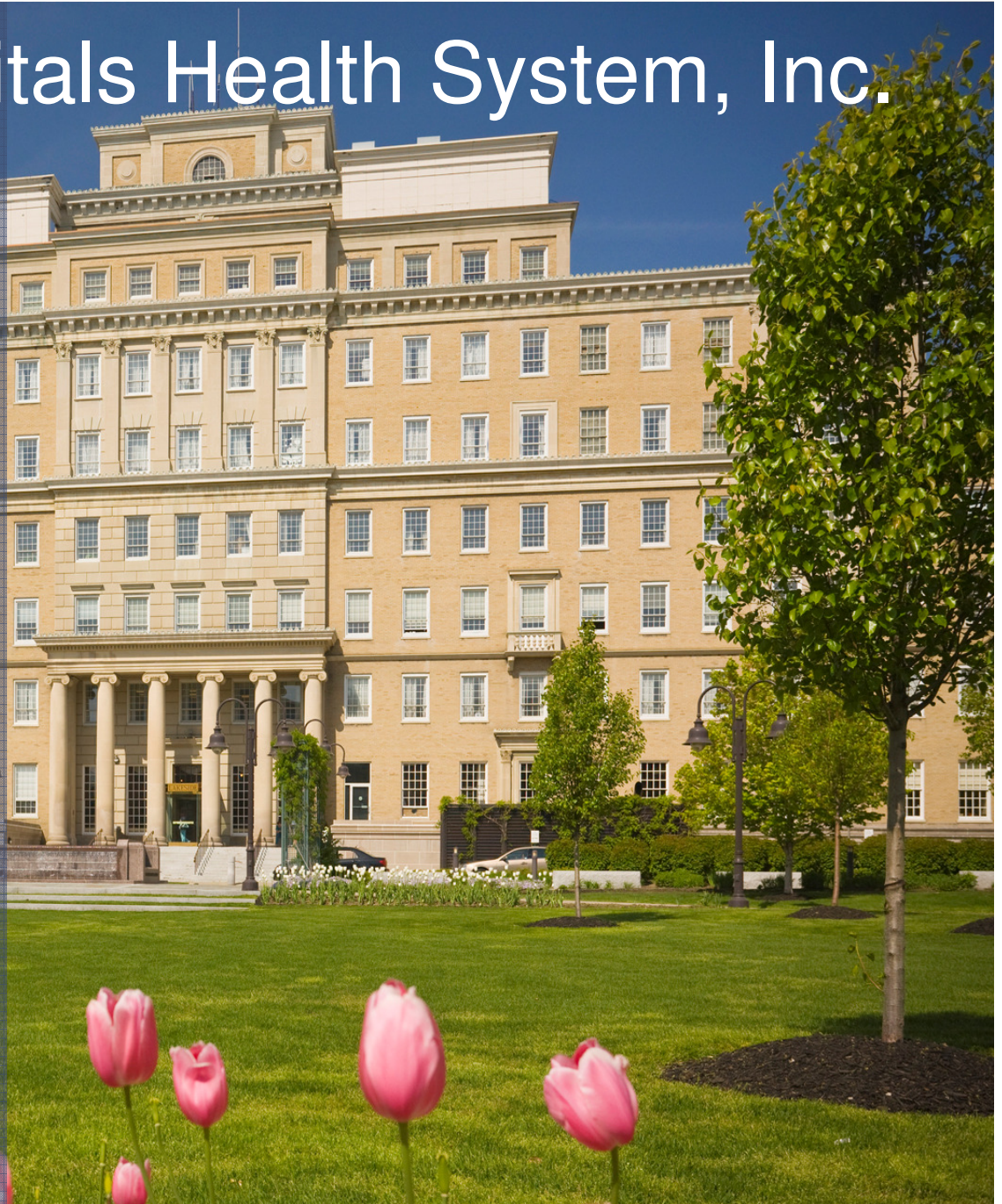


University Hospitals

Cleveland | Ohio

University Hospitals Health System, Inc.

- Non-profit medical center founded in Cleveland in 1866; became an academic medical center in 1895
- UH now includes 18 hospitals and 40 ambulatory centers serving Northeast Ohio
- UH cares for nearly 1,000,000 unique patients annually
- UH trains more than 1,000 residents and fellows annually
- For 2014-2015, US News & World Report ranked UH Case Medical Center in all 12 specialties for the third year in a row



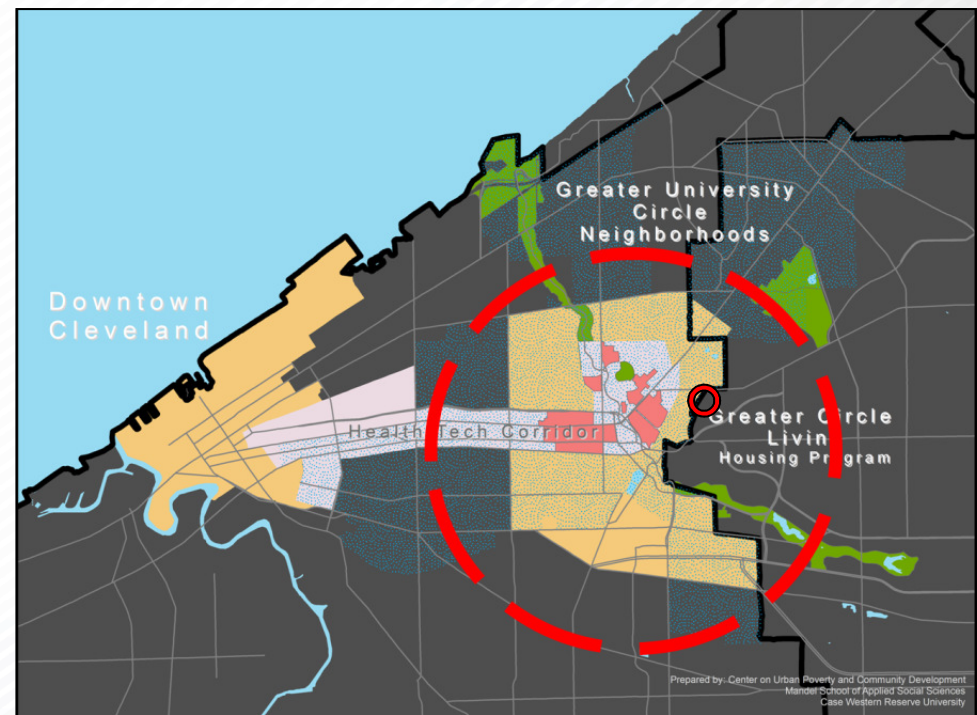
UH Rainbow Babies & Children's Hospital

- Non-profit 244-bed children's hospital founded in 1887
- 10,000 annual inpatient discharges
- 700,000 annual ambulatory encounters
- Primary pediatric academic affiliate of Case Western Reserve University
- Department of Pediatrics ranks 3rd in NIH funding in medical school-based departments
- 83 Pediatric Residents and 75 Pediatric Fellowships
- Consistently ranked among the top children's hospitals by US News and World Report

Greater University Circle

The Link Between Socioeconomic Status and Health

- One of the poorest neighborhoods in the nation, with persistent poverty
- Median household income of \$18,500
- 24% Unemployment
- Infant Mortality
 - Ohio 6.4/1000 (Caucasian)
 - Ohio 14/1000 (African-American)
 - Cuyahoga County 8.7/1000
 - **University Circle 18.6/100**



2012 Data
The Cleveland Foundation

UH Anchor Mission and Strategy

- **Vision 2010 Principles:
Hire Local, Buy Local, Live Local**
 - Invest in our communities
 - Used our buy and spend locally
 - 5,200 jobs
 - \$500 million in salaries
 - Revitalize our neighborhoods
 - Create jobs and develop skills
 - Design and develop multi-institution, city and regional partnerships

Evolution of the Anchor Strategy

- **Rainbow Care Connection:
Pediatric ACO serving 200,000 children**

University Hospitals was one of a select group of recipients for a Health Care Innovation Award, Round 1*

- \$12.7 million over 3 years
- Funding began July 1, 2012
- Service delivery began January 1, 2013

Align system-wide pediatric primary care providers

- With shared quality improvement metrics
- Resulting in demonstrated improved outcomes and
- Cost savings

Pediatric ACO Programs

UH Rainbow Care Connection

Physician Extension Team

Structural Programs

1. Physician Network
2. Shared Savings
3. Population Health and Care Gap Analysis

Clinical Programs

4. Practice-Tailored Facilitation
5. Children with Complex Chronic Conditions
6. Integrated Behavioral Health Services
7. ED Avoidance
8. Outreach
9. Hospital Readmission

Quality Metrics

Year One				Flouride Varnish Application Lead Screening Obesity
	Year Two			Asthma Management Upper Respiratory Infection Well Child Care (3-6) Preferred Drug List Compliance
		Year Three		Well Child Care (13-18) Pharyngitis Adolescent Vaccine ADHD
			Year Four	Literacy Safe Sleep Habits Maternal Depression Early Childhood Education

Rainbow Care Connection

Selected Results through June 2015

PEDIATRICS[®]
OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

Outcome	Current Status
Quality and Practice Transformation	
National Quality Measures	15
Percent PCPs achieving 9 targets	↑ 94%
Children with Medical Complexity	
Enroll	224
Decrease hospitalizations **	↓ -22%
Decrease hospital acuity *	↓ -15%
Decrease hospital average length of stay *	↓ -27%
Decrease ED visits **	↓ -40%
Integrated Behavioral Health Services	
Enroll	3,756
Improve functionality scores after 6 months	↑ 77%
Decrease hospitalization from ED	↓ -31%
Emergency Department Visits	
Decrease avoidable ED visits	Variable

**UH Internal Data updated through June 2015:
 Non-Elective Admissions*

***UH Internal Data updated through June 2015:
 Patients with 12 months pre-and post data*

Next Phase in the Evolution of the Anchor Strategy

- **UH Center for Women & Children:
The power of community-centered work**

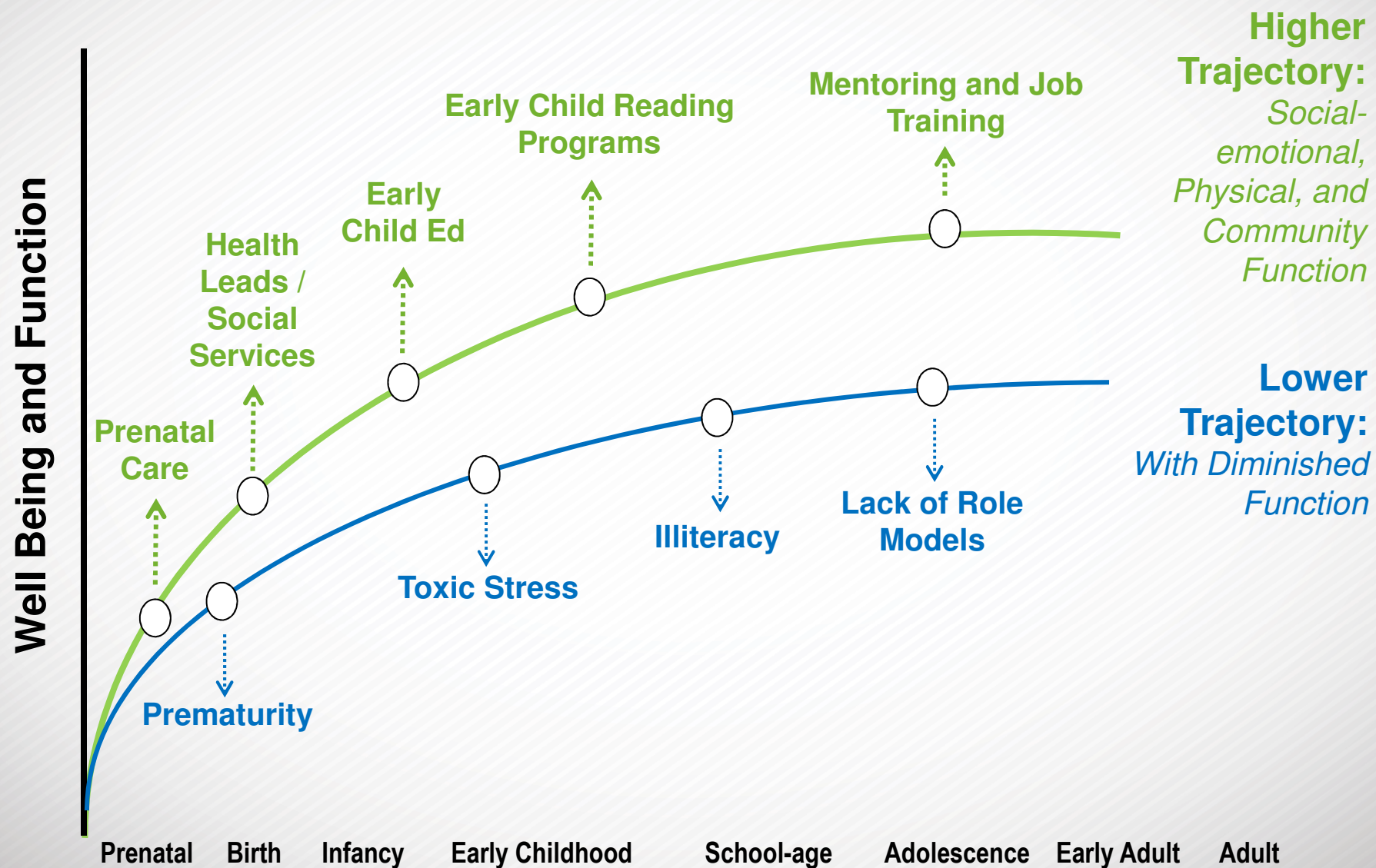
Our Call to Action



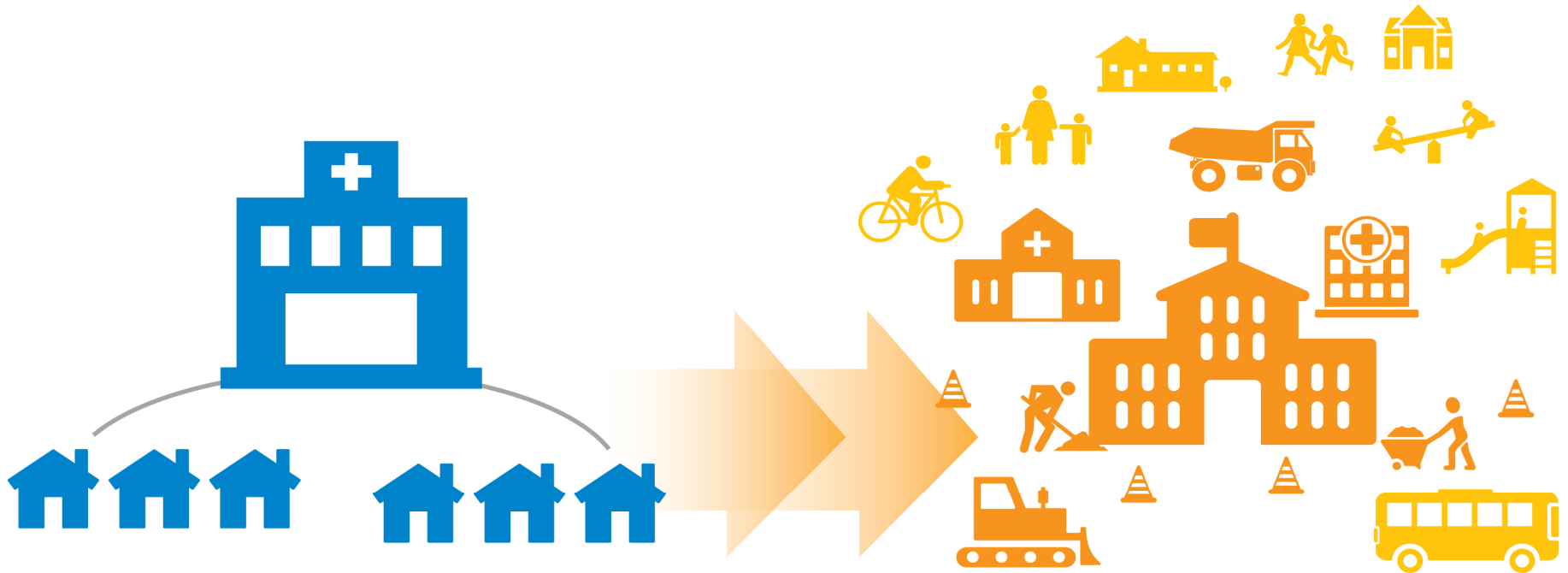
Life Expectancy
← Separated by 8.5 miles →
and 24 years

Cuyahoga County Board of Health

Upstream Interventions



Transitioning the Model of Care



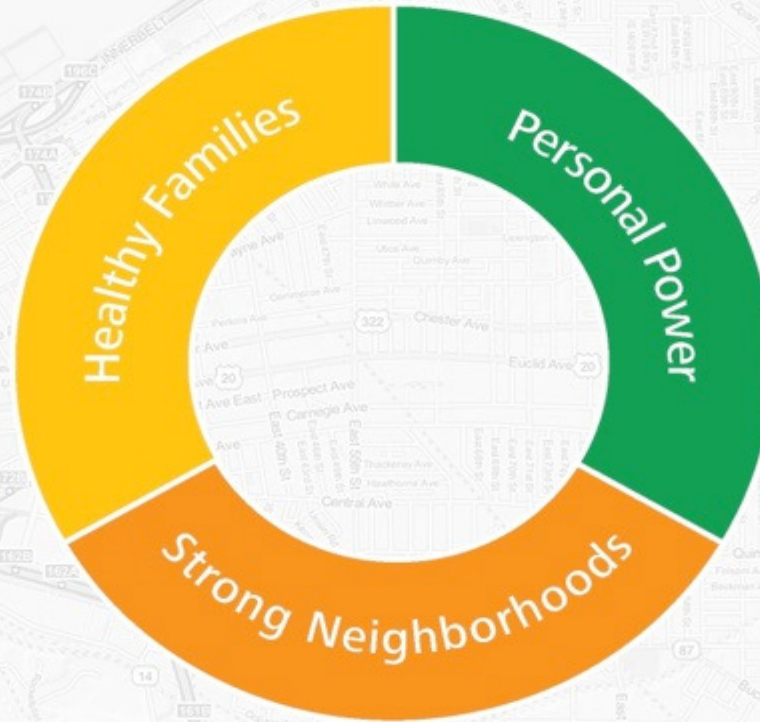
Traditional health care

- Isolated from the community
- Come-to-us mentality

Community-integrated anchor institution

- Multi-sector collaboration
- Anchor that supports community well being—hire local, buy local, live local
- Integrating social, behavioral, and environmental health determinants
- Leverage opportunities for upstream intervention

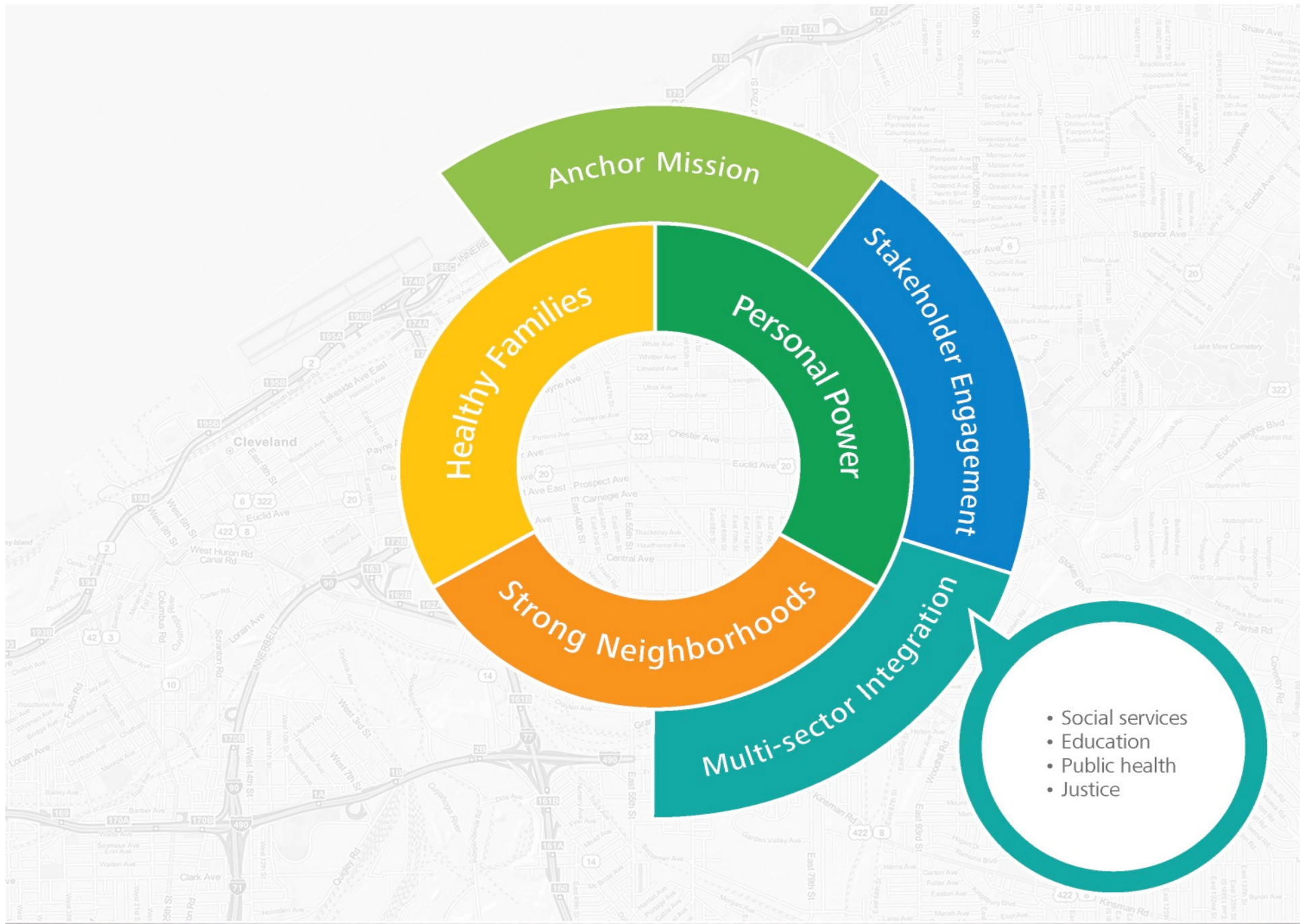
UH Population Health Model

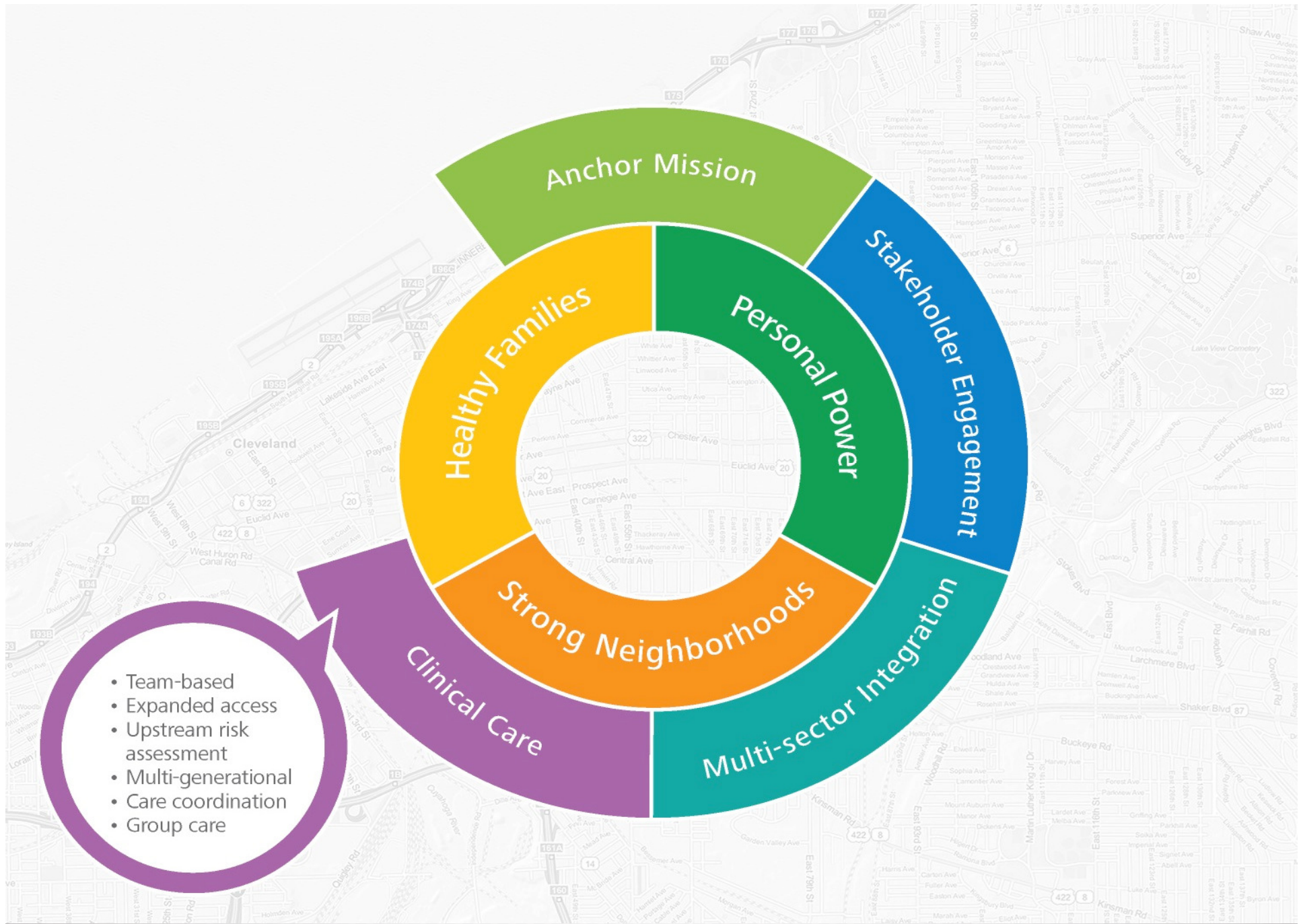




- Convener
- Advocate
- Employer
- Purchaser
- Educator







- Multi-sector stakeholder governance
- Data integration
- Claims analysis
- Outcome measurement
- Payment reform for sustainability







University Hospitals

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Rainbow Babies
& Children's Hospital