

# Race, Place, and ZIP Code

Addressing Social Determinants of Health in an Academic  
Pediatric Healthcare Setting

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**Children's Mercy**  
ADELE HALL CAMPUS

# Objectives

- Explain the importance of addressing social determinants of health in a pediatric healthcare system
- Define health inequity and review key research findings related to health inequities
- Discuss how place, poverty, health literacy, and education are impacted by diversity and culture



# Group Agreements

- Take care of yourself (i.e. bathroom break, drink water, etc.)
- Silence your phones
- Actively participate with a sense of openness
- Question any perceptions if you find yourself disengaged
- Be profound and brief
- Be present

Take care  
of  
yourself



# Pursuing Health Equity

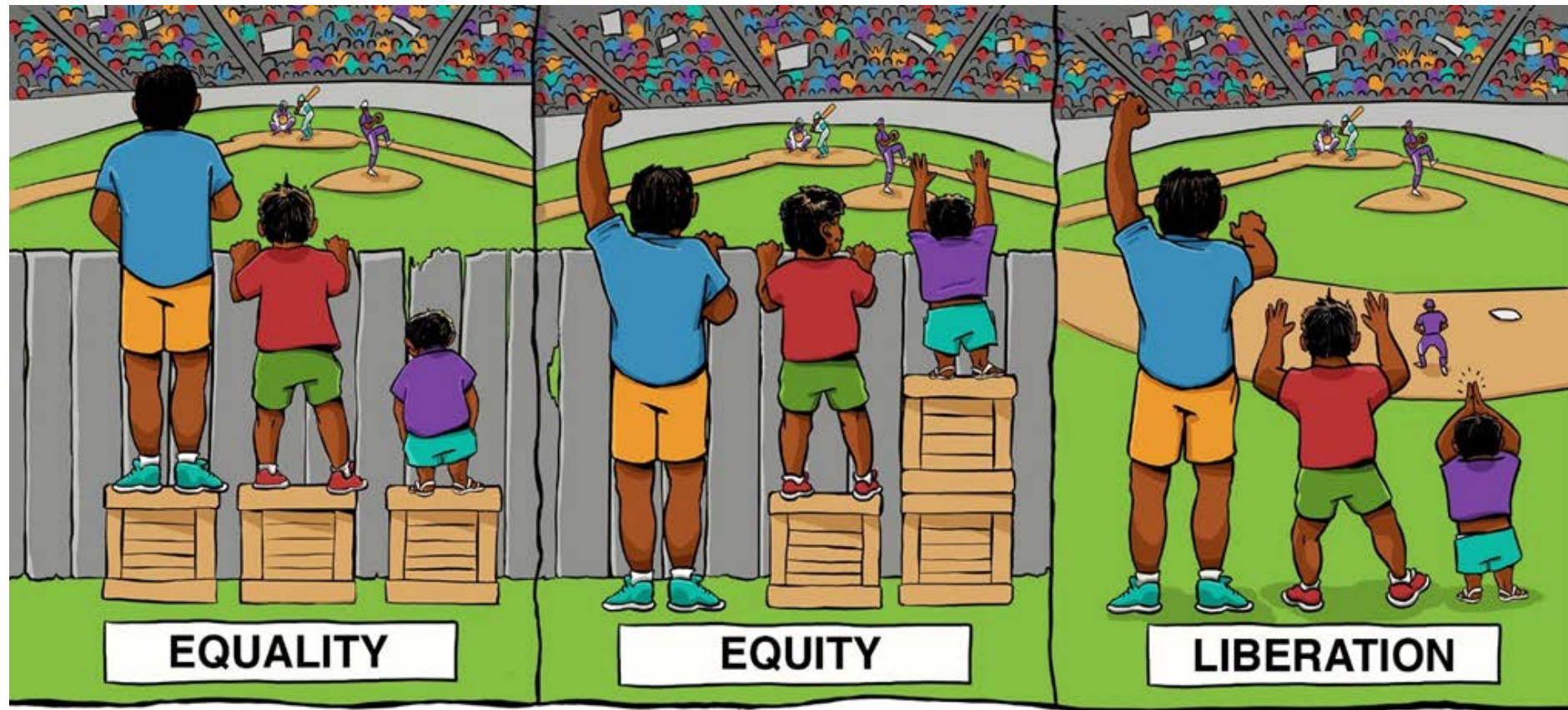
“Attainment of the highest level of health for all people”

-Healthy People 2020





# Pursuing Health Equity



the4thbox.com



Interaction Institute  
for Social Change

Original Illustration  
by Angus Maguire

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# Health Equity and Social Determinants of Health

**Health equity means that everyone has a fair and just opportunity to be as healthy as possible. This requires removing obstacles to health such as poverty, discrimination, and their consequences, including powerlessness and lack of access to good jobs with fair pay, quality education and housing, safe environments, and health care.**

Economic Stability	Neighborhood and Physical Environment	Education	Food	Community and Social Context	Health Care System
Employment	Housing	Literacy	Hunger	Social integration	Health coverage
Income	Transportation	Language	Access to healthy options	Support systems	Provider availability
Expenses	Safety	Early childhood education		Community engagement	Provider linguistic and cultural competency
Debt	Parks	Vocational training		Discrimination	Quality of care
Medical bills	Playgrounds	Higher education			
Support	Walkability				
<b>Health Outcomes</b> Mortality, Morbidity, Life Expectancy, Health Care Expenditures, Health Status, Functional Limitations					



Robert Wood Johnson Foundation, 2017

# Social Determinants of Health

“The circumstances in which people are **born, grow up, live, work, and age**, as well as the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: **economics, social policies, and politics.**”

*(World Health Organization, 2017)*

# Children's Mercy Patient Population

- ✓ Spanish
- ✓ Somali
- ✓ Vietnamese
- ✓ Burmese
- ✓ Arabic



Overall Children's Mercy provides medical interpretation services for 67+ languages / year



# Talk and Turn Exercise

Please share with a partner according to your comfort:

- The story of your first name
- What zip code did you grow up in? What zip code do you work in now?
- All of the ethnicities and languages represented in your background
- Your personal beliefs about health

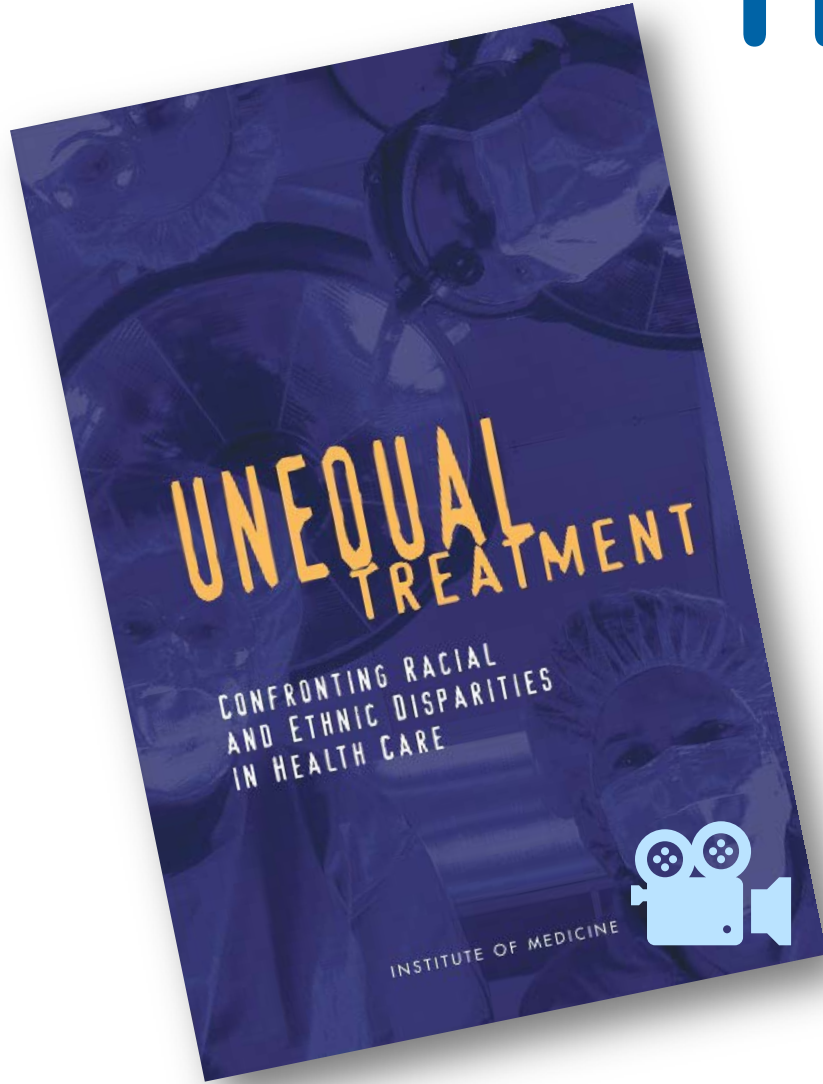
## Examples of Health Beliefs

- Health = Wealth
- Health is a basic human right
- Health is a determinant of economic and social development
- Preventative care is better than intervention model
- The greater the population health, the wealthier the nation



# Health Inequities

## Institute of Medicine 2002 Report on Inequities



“Racial and ethnic minorities tend to receive lower quality health care than whites do, even when insurance status, income, age, and severity of conditions are comparable.”

**Dr. Alan Nelson**



# Health Inequities

- Infant mortality for African-Americans is twice the rate for Whites
- Alaska Native/Pacific Islander youth have higher rates of substance abuse and underage alcohol consumption
- Latinx have higher rates of suicide attempts
- Native Americans have higher rates of diabetes and heart disease

*Source: SAMHSA (2011). Centers for Disease Control and Prevention, National Center for Injury Prevention and Control. [Web-based Injury Statistics Query and Reporting System](#)*

# Tools of Segregation

REDLINING

SPOT ZONING

FEDERAL BACKING OF MORTGAGES FOR WHITES ONLY

RACIAL STEERING

RACIAL ZONING

RESTRICTIVE DEED COVENANTS

# Place Matters



## Best

- Areas that mortgage leaders were encouraged to offer maximum financial status



## Desirable

- Desirable neighborhoods yet older homes expected to maintain stability



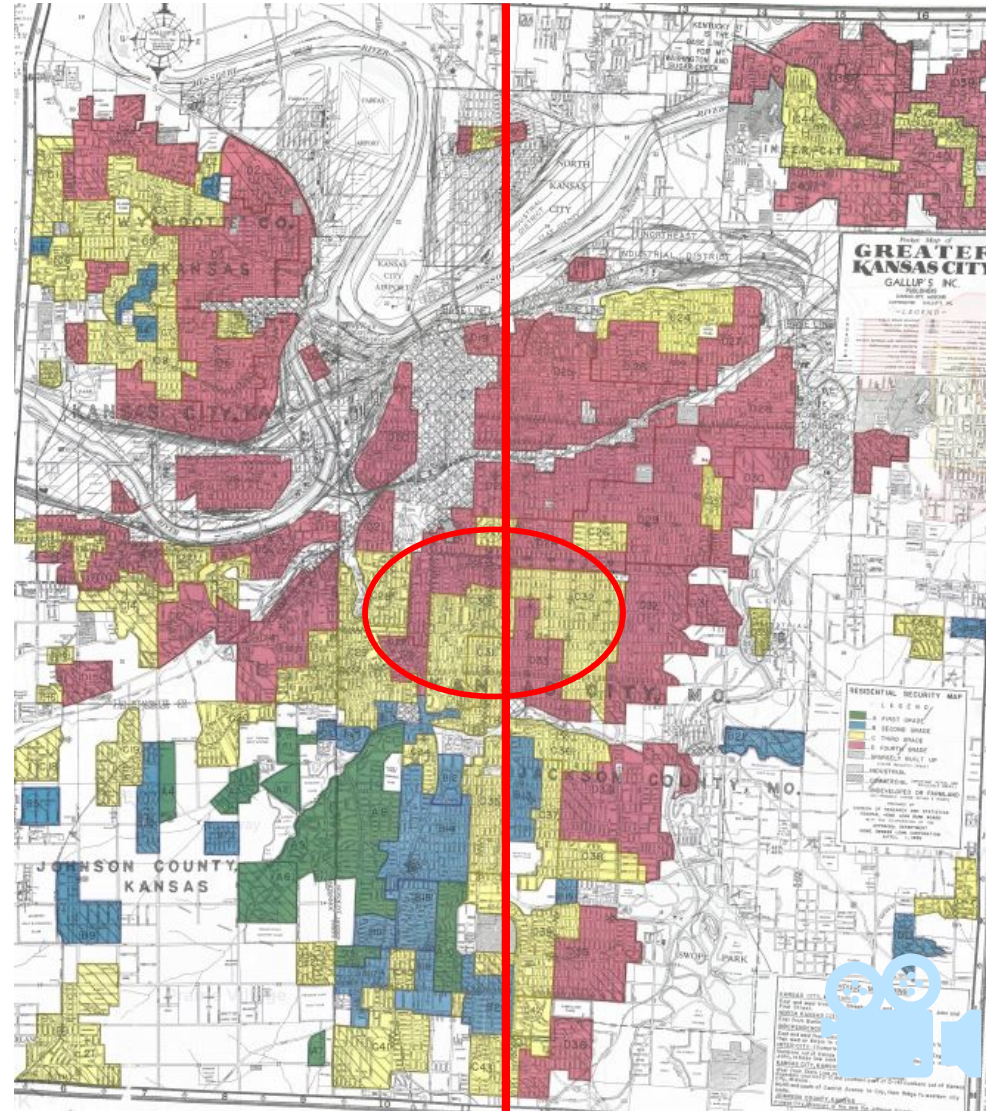
## Declining

Marked by “infiltration of a lower grade population”



## Hazardous

- Marked by “infiltration” or the presence of a “colored settlement” or “Negro colony”





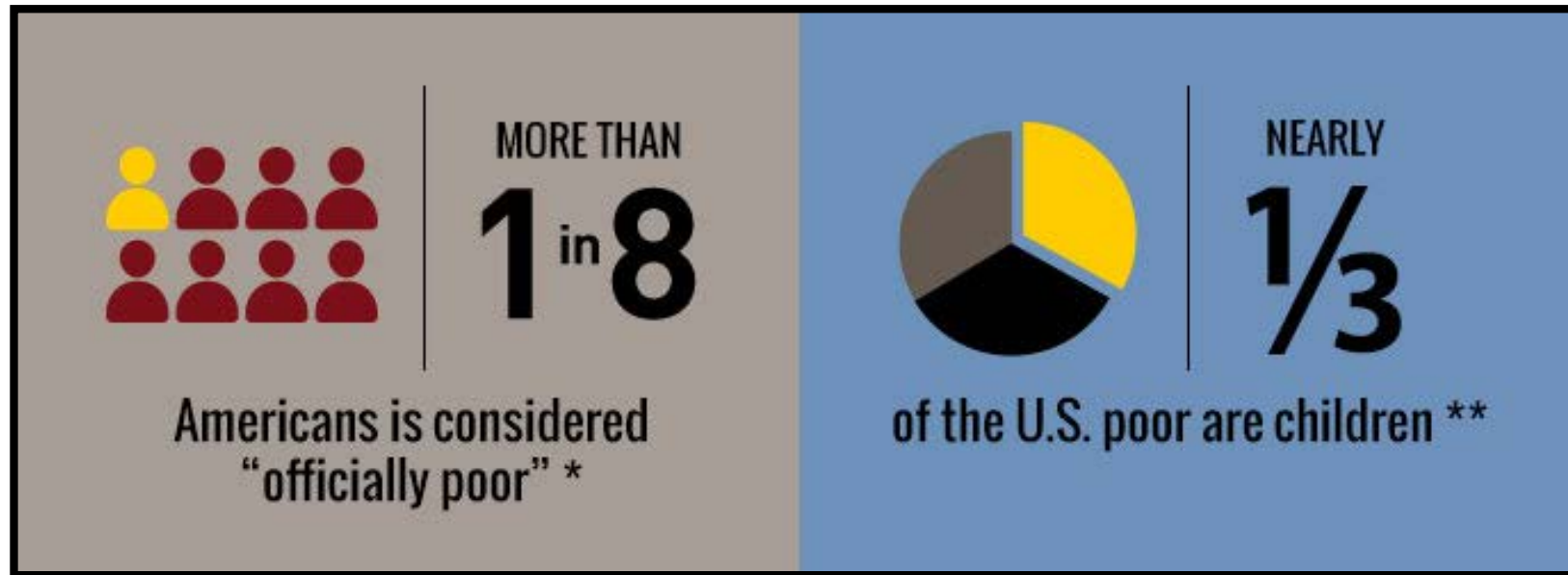
Penny for  
your  
thoughts?

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# Poverty Matters

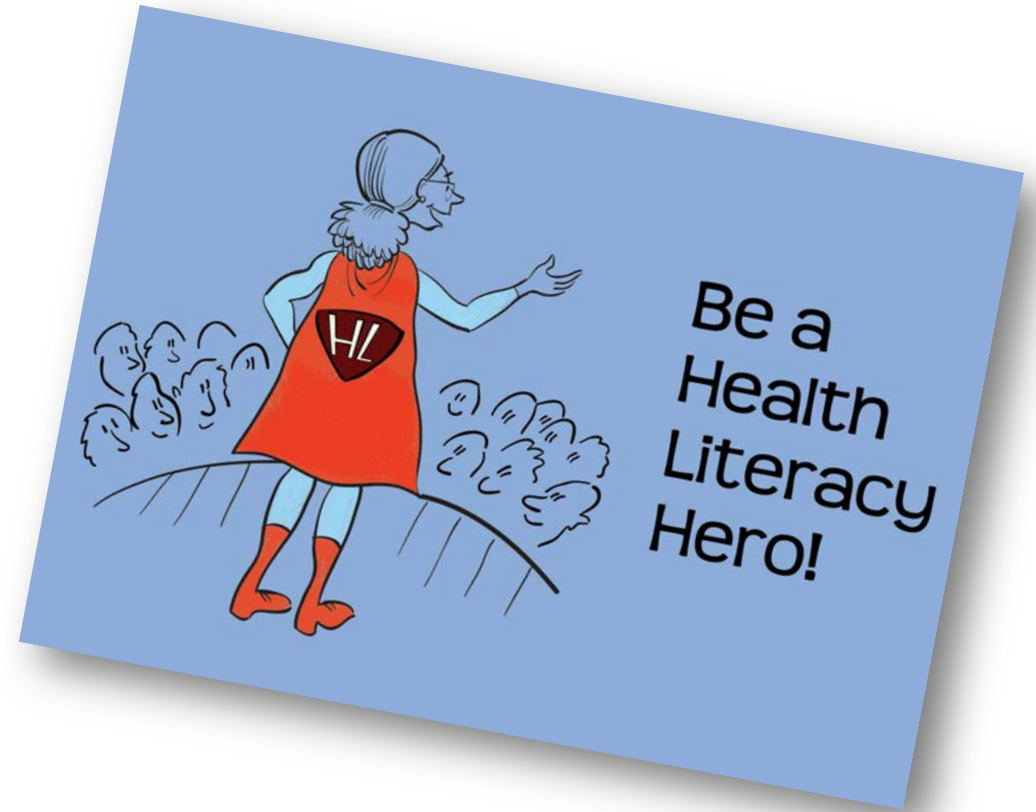
- In 2017, 45.3 million Americans (14.5%) are living below the poverty line



# Health Literacy Matters

## Risk factors

- Elderly
- Low income
- Unemployed
- Below high school level education
- Ethnic Minority
- Recently immigrated
- English as a second language



*Source: Weiss, B. (2003). Health literacy: A manual for clinicians. American Medical Association*



# Definition of Health Literacy

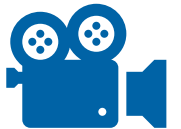
“The degree to which individuals have the capacity to obtain, process and understand basic health information and services to make appropriate health care decisions.”

*Institute of Medicine “Health Literacy: A Prescription to End Confusion” Report Brief (2004)*

# Education Matters

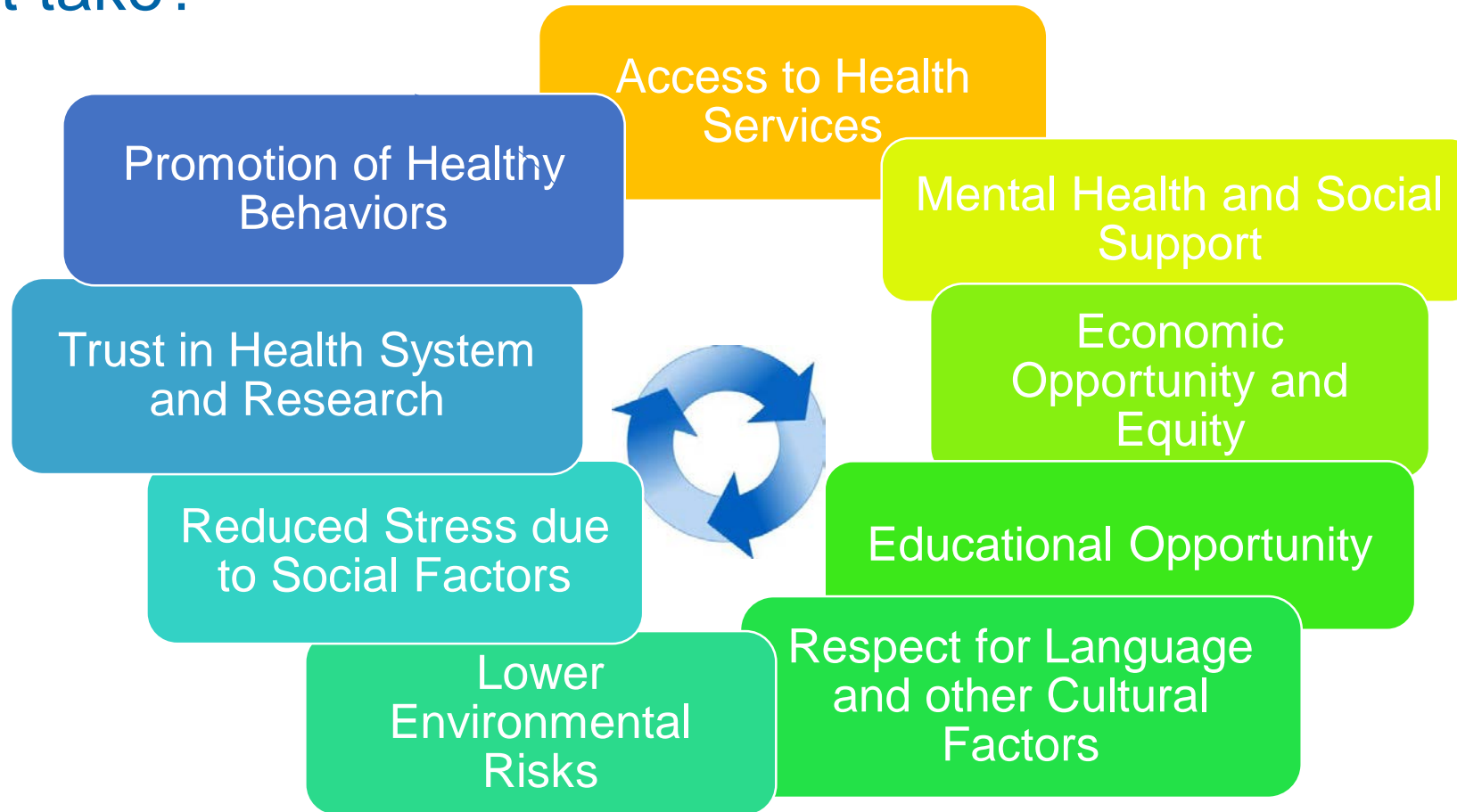
- Missouri ranked 4<sup>th</sup> in the nation for most suspension and expulsion of African-American boys
- Highest-suspending districts for Black Students (had at least 1,000 students and each suspended over 20% of its pop.)
  - 3 were in MO

District	State	All OSS 2009-10	All OSS 2011-12
PONTIAC CITY SCHOOL DISTRICT	MI	39.6%	31.7%
<u>ST. LOUIS CITY</u>	<u>MO</u>	17.5%	29.1%
TROTWOOD-MADISON CITY	OH	22.1%	25.4%
WOODLAND HILLS SD	PA	19.3%	23.8%
<u>NORMANDY</u>	<u>MO</u>	18.1%	21.7%
<u>RIVERVIEW GARDENS</u>	<u>MO</u>	22.9%	21.4%
EAST CLEVELAND CITY SCHOOL DISTRICT	OH	22.9%	21.2%
EAST DETROIT PUBLIC SCHOOLS	MI	10.0%	20.9%
YORK CITY SD	PA	n/a	20.6%
TAYLOR	FL	n/a	20.5%



# Social Determinants of Health

What will it take?





# How is Children's Mercy Addressing Social Determinants of Health?

# Community Health Needs 2019-2022



# Community Benefit (CB)

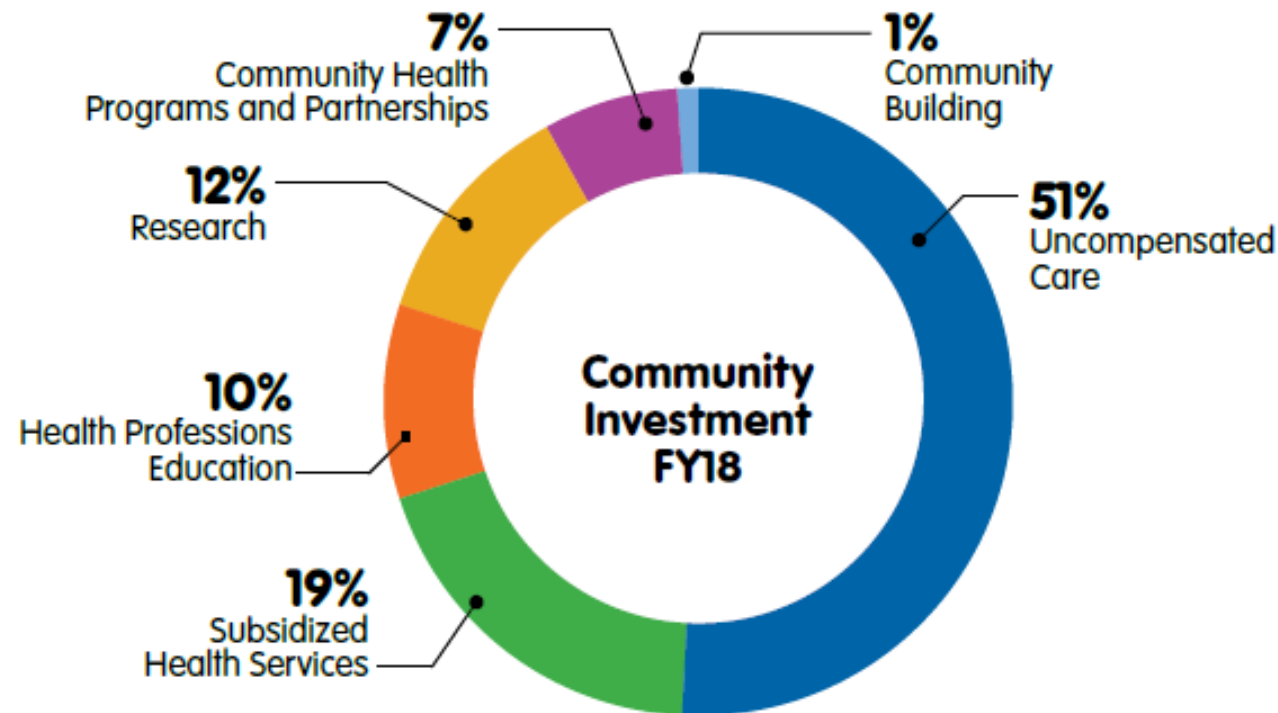
- CB includes programs or activities that:
  1. **Improve access** to health care and/or community **health**;
  2. **Advance** medical or health **knowledge**;
  3. **Enhances** health of the **community**;
  4. **Relieve** or reduce government or community **burden**;
- **AND** respond to an **identified community need**, placing focus on the voices and issues facing the **underserved** in a given place.

*Sentmore, Sarah (2019). Children's Mercy. Community Benefit Training*

# COMMUNITY INVESTMENT






Fiscal Year 2018\*

Total Community Investment: \$178,298,353  
over \$488,000 per day



Sentmore, Sarah (2019). Children's Mercy. Community Benefit Training



CATEGORIES OF COMMUNITY BENEFIT	FY18 NET EXPENSE <sup>1</sup>
 UNCOMPENSATED CARE	\$91,491,464
Charity Care at Cost	\$17,617,304
Unreimbursed Medicaid	\$73,874,160
 SUBSIDIZED HEALTH SERVICES	\$34,280,553
 HEALTH PROFESSIONS EDUCATION	\$17,958,505
 RESEARCH	\$22,142,707
 COMMUNITY HEALTH PROGRAMS AND PARTNERSHIPS	\$11,567,311
Community Health Improvement Services	\$10,151,415
Partnerships, Services, Support <sup>2</sup>	\$733,708
Community Benefit Operations	\$682,188
 COMMUNITY-BUILDING ACTIVITIES <sup>3</sup>	\$857,813
<b>TOTAL COMMUNITY INVESTMENT</b>	<b>\$178,298,353</b>

For more information about our work in the community see: [childrensmercy.org/CommunityBenefit](https://childrensmercy.org/CommunityBenefit)

\* Fiscal Year 2018: July 1, 2017-June 30, 2018

<sup>1</sup> Expenses rounded up

<sup>2</sup> This category per IRS guidelines is named Cash and In-Kind Donations.

<sup>3</sup> Community building activities are reported on an annual basis to the Internal Revenue Service separate from the other Community Benefit categories. For the purpose of this report, we incorporate community building in the total Community Benefit.



Sentmore, Sarah (2019). *Children's Mercy. Community Benefit Training*

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# Racial Inequities in Child Welfare Policy Brief

## Process of Development



### 2GenThrive CAB Discussions

- Community Action Board (CAB)
- Formed 2014
- Parents, OB and CM staff, community leaders
- Goal of CAB is to guide research and program development

### Qual ACE Study Interviews

- Qualitative research study
- Interviews with 11 OB parents
- Topics: adversity, toxic stress, health, parenting, and recommendations for services
- Parents shared experiences of racial bias and trauma in service systems

### Cracking the Codes Screening

- Film about racial bias, privilege, and institutional and structural racism
- Follow-up discussions about racism in child welfare systems
- Formed 2GenThrive CAB workgroup on Racial Inequities in Child Welfare

### Stakeholder Feedback

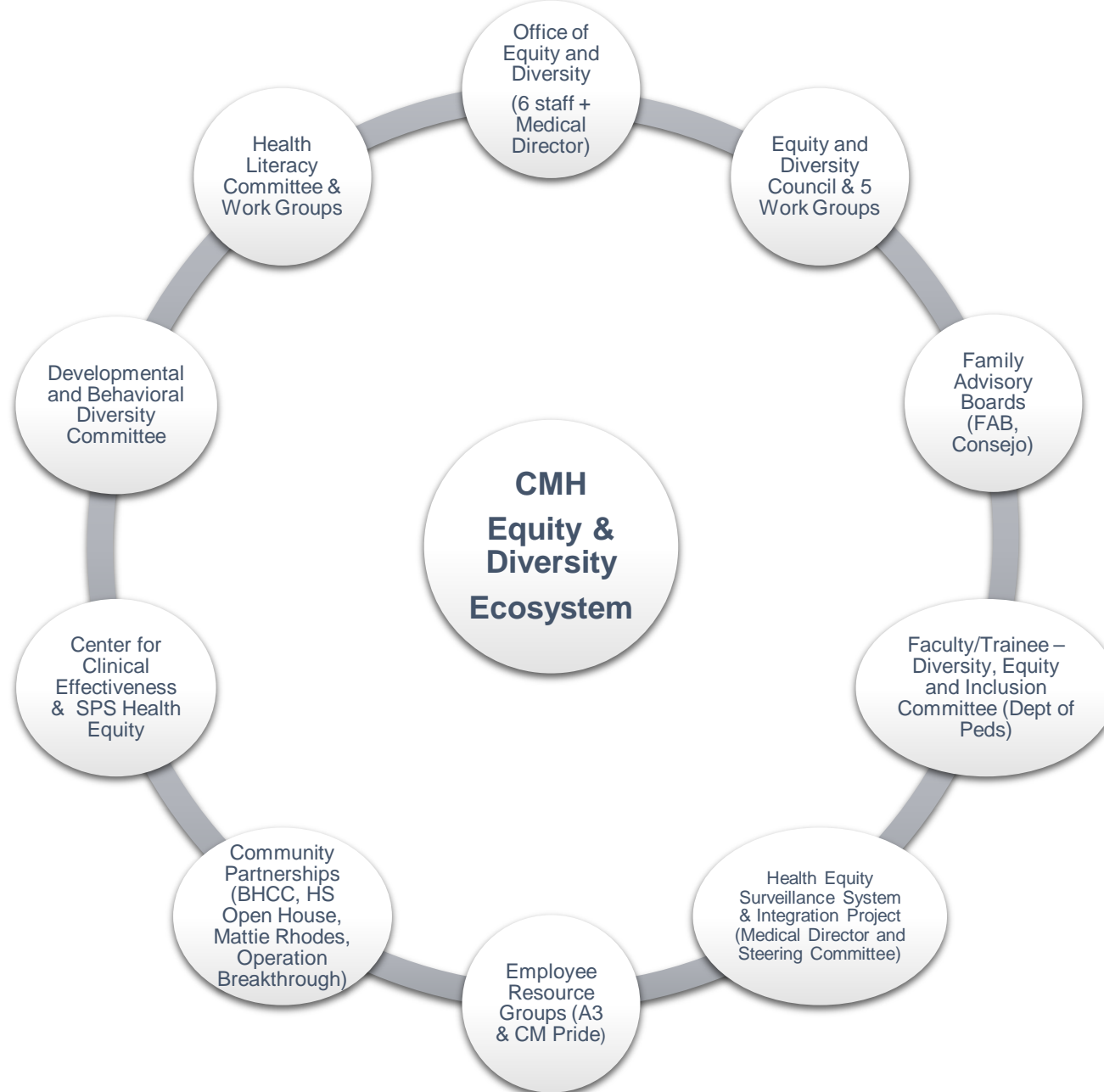
- Shared brief with stakeholders and solicited feedback
- Social worker from Kansas City Police Department
- Child welfare staff
- Educators
- Mental health providers
- Physicians

### Disseminate Brief

- Disseminated brief to leaders at OB and CM
- Director of Mental Health at OB
- Program Manager for Trauma Informed Care at CM
- Will be used as resource for ongoing institutional advocacy

Policy Brief Author: Bridget Cho, [bridget.cho@ku.edu](mailto:bridget.cho@ku.edu) • 2Gen Thrive Principal Investigator: Briana Woods-Jaeger, [bwoodsjaeger@emory.edu](mailto:bwoodsjaeger@emory.edu)  
Acknowledgements: Racial Inequities in Child Welfare Workgroup of the 2GenThrive Community Action Board

## CM Equity and Diversity



# Strategies for addressing social determinants of health

- Ask the right questions
- Simplify your message
- Use appropriate language resources
- Use other resources – psycho-social



# In Review

- Explained the importance of addressing social determinants of health in the healthcare system
- Defined health inequities and reviewed key research findings related to health inequities
- Discussed how an individual's place, poverty, health literacy, and education impact their overall well-being



# Contact Information

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An illustration featuring a variety of stylized hands in different colors (yellow, brown, red, green, purple, pink) raised against a light blue background. Above the hands are several question marks in various colors (red, blue, green, yellow). The word "Questions?" is written in white text across the center of the image.

Questions?

