Social Justice--Disparities in Health Care

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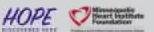


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# **Context: Racial Disparities in Health**

- African Americans have higher death rates than Whites for 12 of the 15 leading causes of death.
- Blacks and American Indians have higher agespecific death rates than Whites from birth through the retirement years.
- Hispanics have higher death rates than whites for diabetes, hypertension, liver cirrhosis & homicide
- Minorities get sick younger, have more severe illness and die sooner than Whites





## **Historical Perspective**

- Health disparities between blacks and whites since first settlers arrived
- Tuskegee Syphilis Trials
- 1990's University study on "genetic etiology of aggressive behavior"
- 2002 IOM *Unequal Treatment* disparities in health care delivery less likely to be given appropriate cardiac meds, CABG
- 2004—systemic review of angiography, angioplasty, CABG, and lytics-21/23 showed that African Americans were less likely to get CABG





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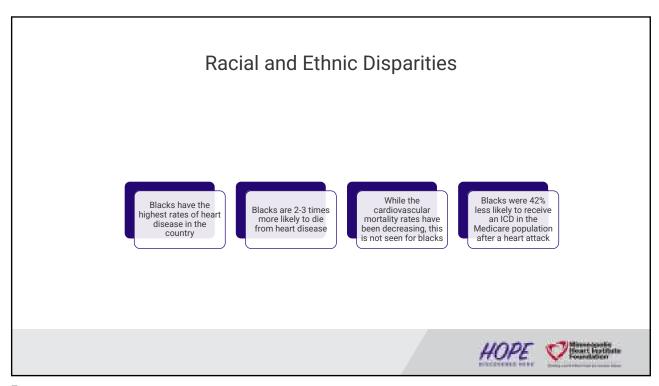
## What is Race?

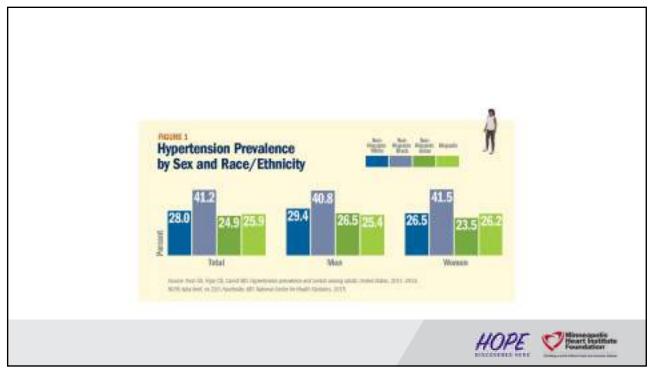
"Pure races in the sense of genetically homogenous populations do not exist in the human species today, nor is there any evidence that they have ever existed in the past... Biological differences between human beings reflect both hereditary factors and the influence of natural and social environments. In most cases, these differences are due to the interaction of both "

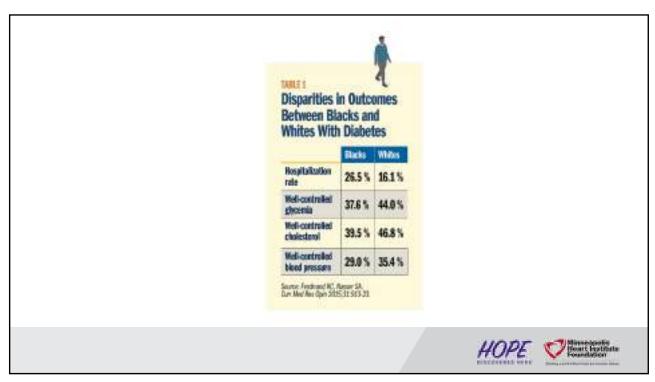
American Association of Physical Anthropology, 1996

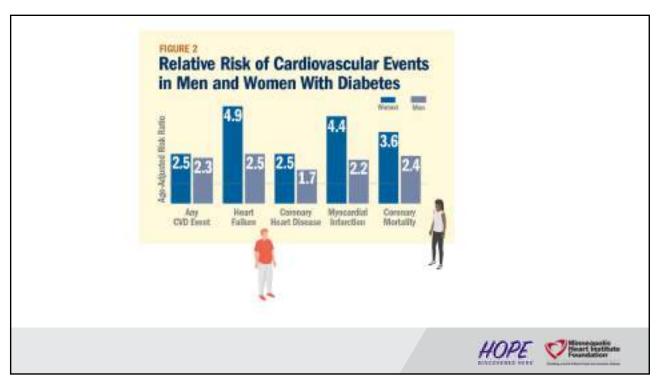












Black and Hispanic women have the highest rates of obesity in the country

Black and Hispanic women have the highest rates of diabetes and high blood pressure

Women and blacks are less likely to get a cardiac catheterization when they present with chest pain (then men and whites)





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## Atrial Fib Outcomes

- Blacks and Hispanics have a lower incidence of atrial fib than whites
- However, blacks are less likely to be aware they have the condition
- Higher overall risk of stroke and stroke mortality in black patients
- · Greater risk of major bleeding with warfarin
- No major difference noted with DOAC's (newer blood thinners)







# **Heart Transplant Wait Times**

### 2014 Outcomes:

- 19.8 months average wait time for African-Americans
- 12 months for white patients
- 12.3 months for Hispanic patients

### 2016 Outcomes:

- 10.4 months for African-Americans
- 8 months for white patients
- 7.4 months for Hispanic patients







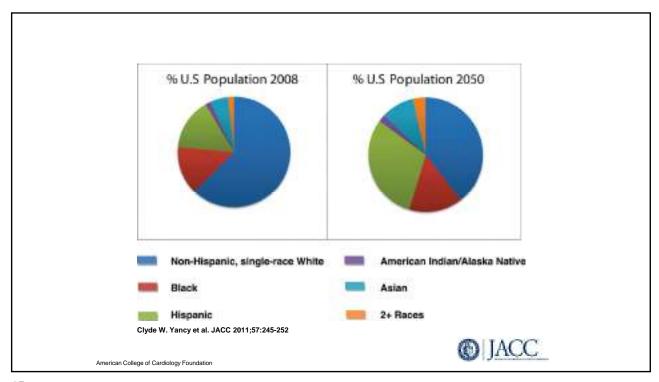
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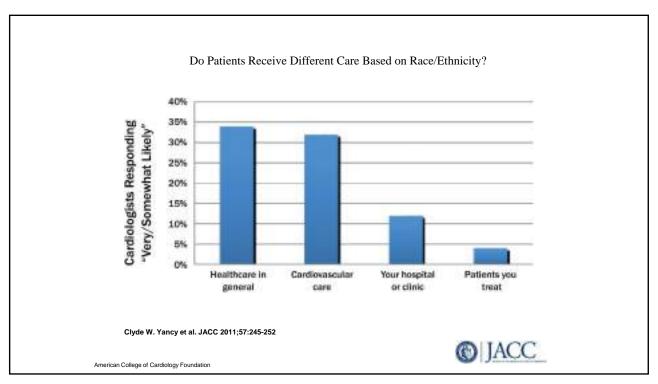
# The Coalition to Reduce Racial and Ethnic Disparities in Cardiovascular Disease Outcomes (credo)

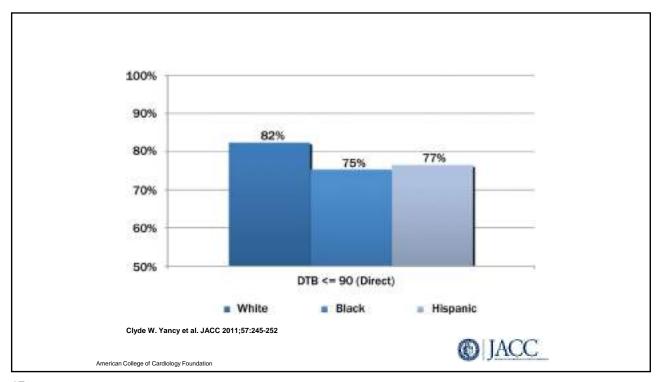
- · Launched in 2009
- Help the cardiology community meet the needs of an increasingly diverse patient population
- Evidenced-based tools
- Performance improvement data
- Provider education including cultural competency training
- Patient education approaches
- Goal was equitable care and outcomes for all patients, regardless of race, ethnicity, sex, and age







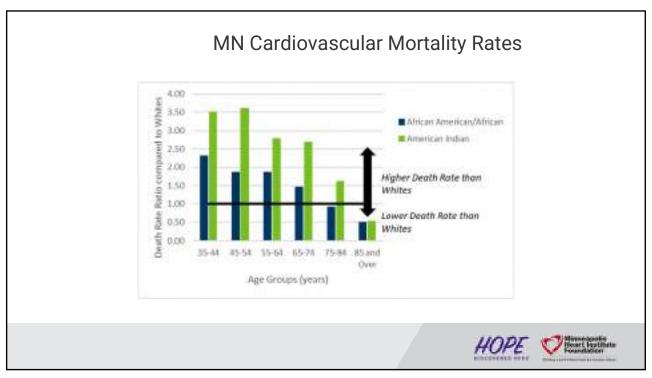




MN has had the best cardiovascular mortality rates since 1999....







### Cardiovascular Mortality Rates in MN Crude Death Rate Ratio of Crude Death Crude Death Rate (per Rate Ratio of Rate (per Age Rate (per 100,000), African African American Group 100,000), 100,000), Americans/ Americans/Afric Indians to (years) American Whites Africans ans to Whites Whites Indians 35-44 14.4 33.3 2.31 50.5 3.51 45-54 46.1 85.6 1.86 166.7 3.62 55-64 101.1 188.6 1.87 280.5 2.77 65-74 220.8 322.6 1.46 590.8 2.68 75-84 726.3 665.7 0.92 1175.3 1.62 85 and 3286.3 1637.5 0.50 1714.0 0.52 Over

# Controlling High Blood Pressure by Race and Ethnicity, Minnesota Health Care Program Members, 2017

Race	Rate	Comparison to State Rate
American Indian/Alaskan Native	69%	No difference*
Black/African American	57%	Lower
Asian	72%	No difference*
White	74%	Higher
Ethnicity	Rate	Comparison to State Rate
Hispanic	74%	No difference*
Hispanic	/4%	No difference*





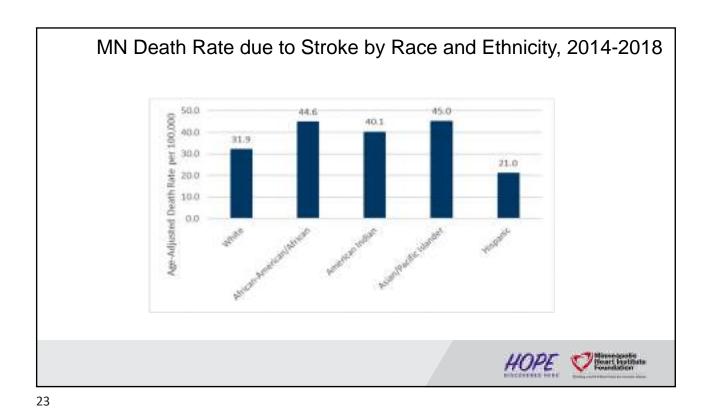
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# Optimal Vascular Care Goals among Minnesota Adults with Ischemic Vascular Disease by Race, 2017

Race/Ethnicity	% Meeting all four goals		
American Indian	45%		
Asian	68%		
African American/African	45%		
Multi-Racial	50%		
Native Hawaiian/Other Pacific Islander	55%		
White	63%		





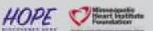


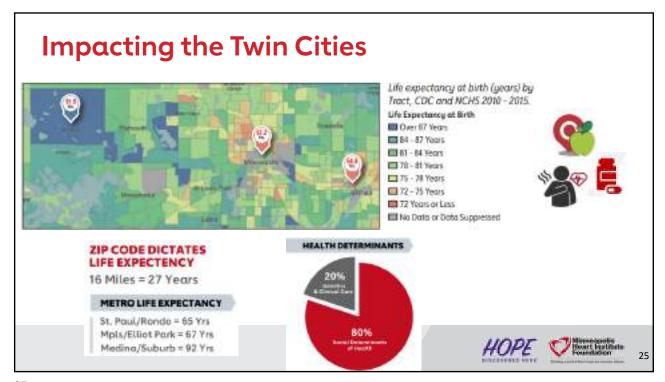
"Health equity is a state where all persons, regardless of race, creed, income, sexual orientation, gender identification, age or gender have the opportunity to reach their full health potential without the limits of structural barriers."

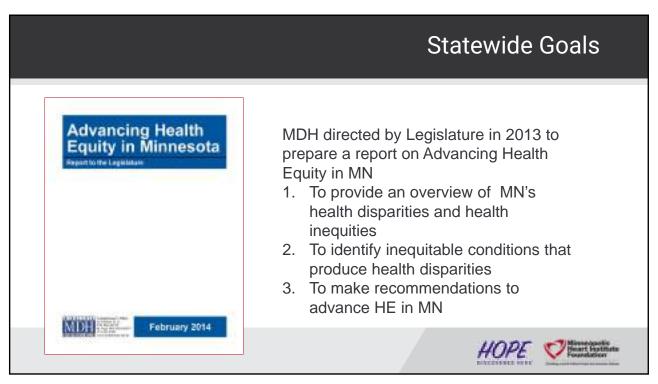
• Minnesota Department of Health, "Advancing Health Equity in Minnesota: Report to the Legislature." 2014.



What is Health Equity?







# Statewide Health Assessment

- Shows a picture of health and well-being across the state, including:
  - Who is healthy and who is not?
  - What conditions shape health for all the different populations in Minnesota?
  - What do we have, and what do we need, to assure that all people in Minnesota can enjoy healthy lives and healthy communities





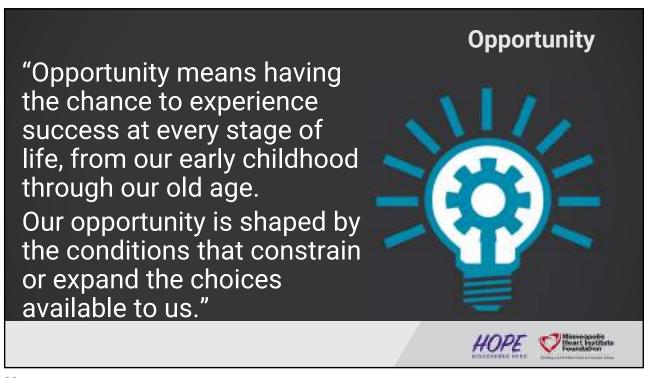
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# People: highlights

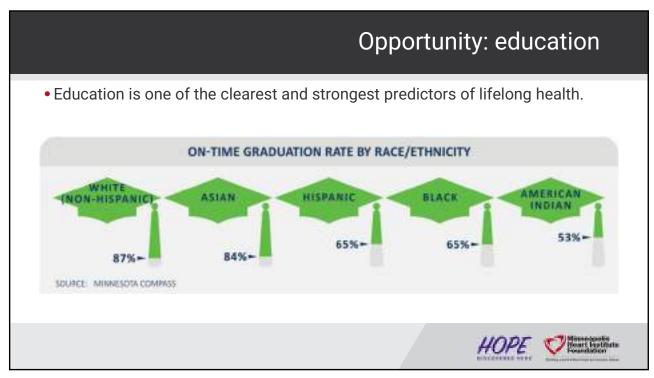
- About 14% of all children in Minnesota live in poverty.
- About 9% of Minnesotans 18-64 have a disability; almost 1 in 5 families with children have a child with special health needs.
- Racial and ethnic diversity is expected to increase to about 25% by 2035.
- The LGBTQ population in Minnesota faces many challenges and barriers to health.
- The population over 65 is growing rapidly.

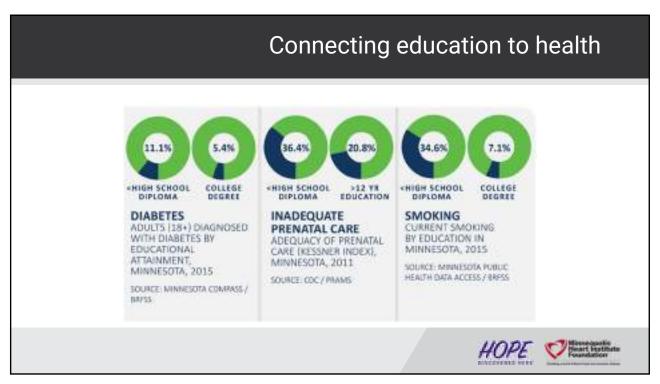


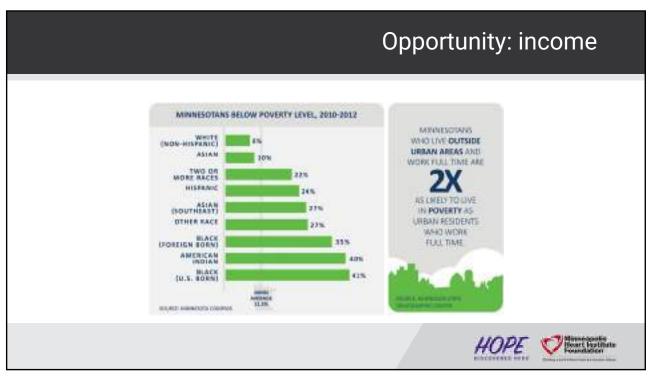






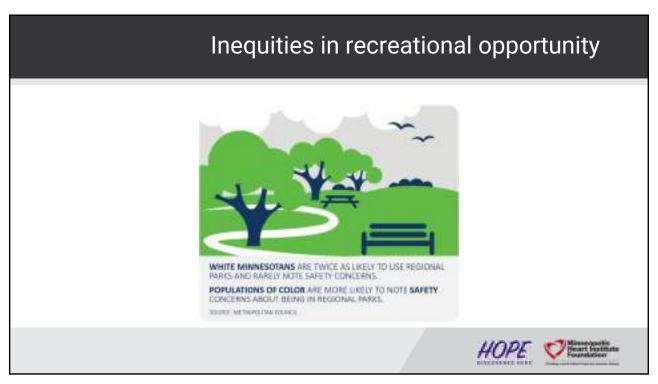


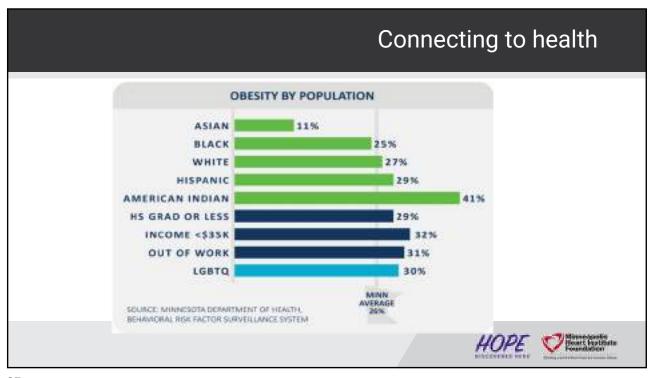


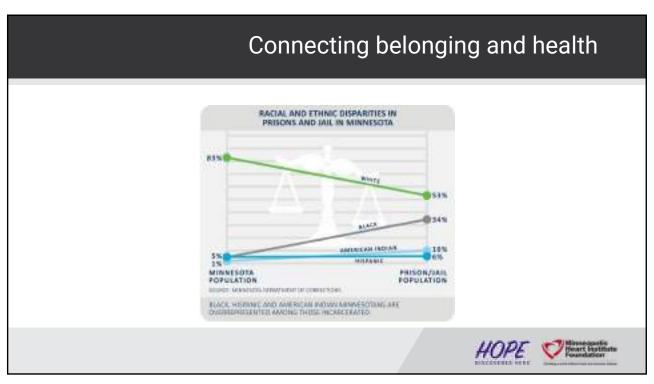




Connecting income, housing and health				
Financial stress about housing, adults 18-64 only	Usually or always	Sometimes	Rarely or never	
Ever had cancer (other than skin cancer)	8%	4%	4%	
Ever had COPD1	10%	4%	2%	
Ever had arthritis	29%	16%	14%	
Ever had a depressive disorder	49%	24%	15%	
Ever had diabetes	9%	5%	5%	
Currently have asthma	14%	9%	6%	
Currently smoke cigarettes	39%	23%	14%	
Report binge drinking in past 30 days	25%	24%	22%	
Are obese	35%	30%	24%	







# Consistency in opportunity inequities

 Populations of color and American Indians in Minnesota experience consistently lower opportunities in education, employment, income, housing, transportation, paid leave, health insurance, health care





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# Minnesota Maternal Mortality Review Committee

Work on behalf of the Commissioner of Health to review all pregnancy- associated deaths of Minnesota residents.

<u>Purpose:</u> The Minnesota Maternal Mortality Review Committee (MMMRC) is tasked with addressing maternal mortality in Minnesota. The MMMRC works to identify factors contributing to maternal deaths and the health inequities impacting maternal health in the state. Leads the charge of disseminating recommendations it improve maternal outcomes for our Minnesota mothers.

<u>Vision</u>: The vision of the Minnesota Maternal Mortality Review Committee is to eliminate preventable maternal deaths, reduce maternal morbidities, and improve population health and health equity for women of reproductive age in Minnesota.





# **Identifying Racism and Discrimination as Contributing Factors**

- Women of color report more experiences of discrimination, food insecurity, and depression
- Women of color experience higher levels of chronic stress during pregnancy - results in compromised endocrine and immune function
- Burden remains higher across all income and education levels
- Results in greater rates of hypertensive disorder, preterm birth, low birth weight neonates and perinatal mortality among Black women





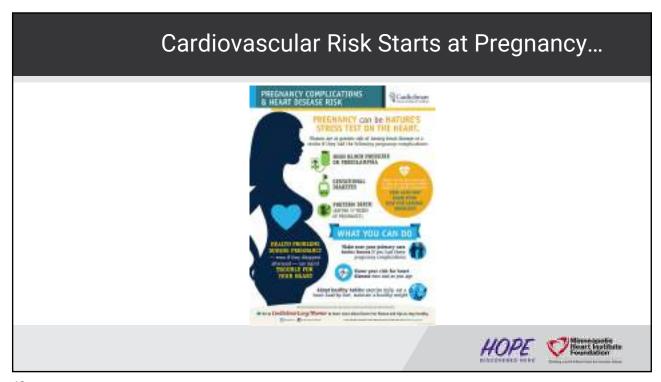
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## **NEW\* Contributing Factors**

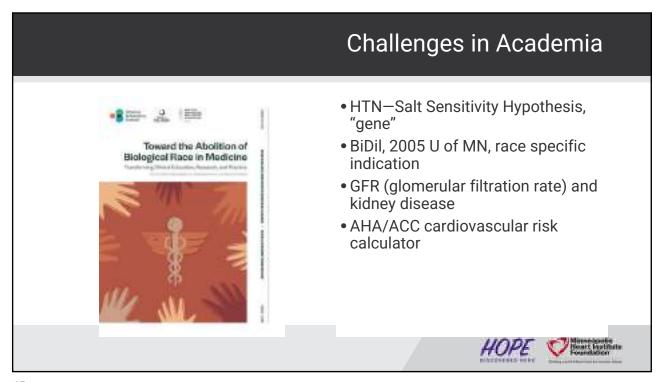
- **DISCRIMINATION** Treating someone less or more favorably based on the group, class or category they belong to resulting from biases, prejudices, and stereotyping. It can manifest as differences in care, clinical communication and shared decision-making. (Smedley et al, 2003 and Dr. Rachel Hardeman)
- INTERPERSONAL RACISM Discriminatory interactions between individuals based on differential assumptions about the abilities, motives, and intentions of others and resulting in differential actions toward others based on their race. It can be conscious as well as unconscious, and it includes acts of commission and acts of omission. It manifests as lack of respect, suspicion, devaluation, scapegoating, and dehumanization. (Jones, CP, 2000 and Dr. Cornelia Graves)
- **STRUCTURAL RACISM** The systems of power based on historical injustices and contemporary social factors that systematically disadvantage people of color and advantage white people through inequities in housing, education, employment, earnings, benefits, credit, media, health care, criminal justice, etc. (Adapted from Bailey ZD. Lancet. 2017 and Dr. Carla Ortique)

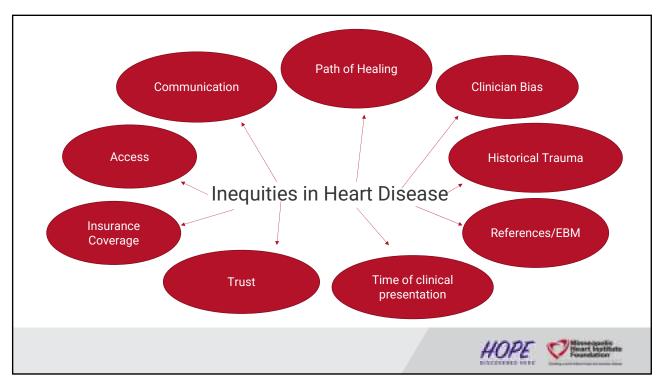


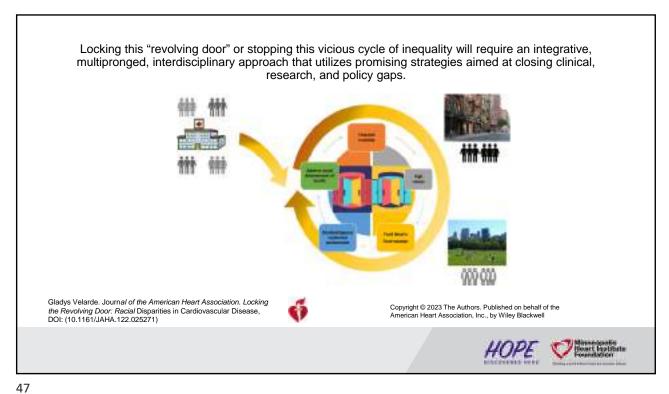




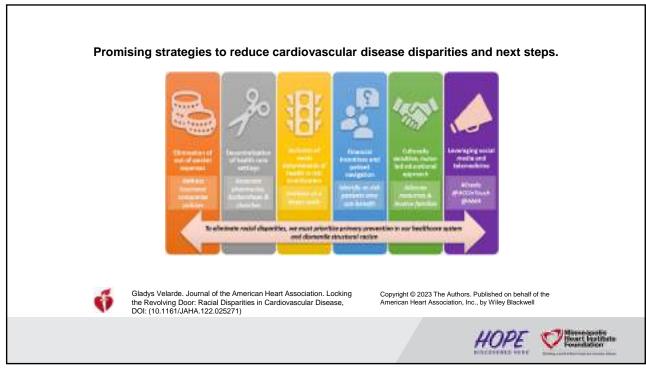




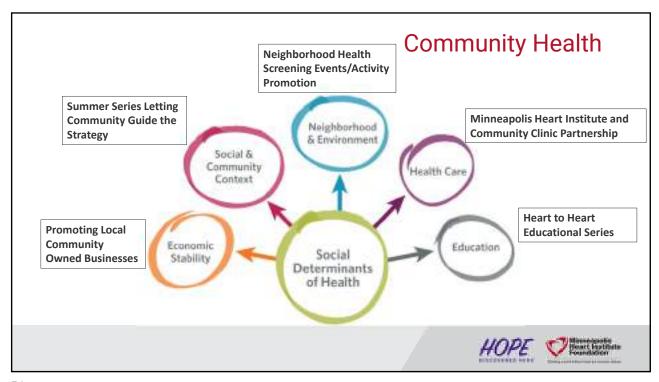














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### What We Heard

- Trust is an issue
- Listen to us
- Recognizing the past embracing support and solutions for the future
- · Lead alongside the community
- · Prevention is the goal
- Community solutions that address risk factors (active living for blood pressure solutions, help address stress/mental health solutions that are also risk factors for heart disease, solutions in current grocery stores) for hypertension
- · Community has LOTS of assets, strength, use culturally relevant tools
- Who are we solving for?
- · Where are we enrolling?
- How do we find mutual interests that benefit more than just us?
- Do we need to keep asking or can we move to action?





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# Principles to Stand By

- · Splitting financial resources EQUALLY with community partners
- Having the courage to do it differently
- · Being comfortable being in second position
- · Physically showing up frequently in the communities experiencing the worst disparities
- When it comes to research, letting communities own the data and co-create what is measured, what matters
- · Data collection, establishing trust
- · Science is an art, it is changing
- Transparency
- Credible messages





# Reducing Disparities, Removing Barriers to Good Health, and Increasing Quality Care Minnesota Cardiovascular Disease, Stroke, and Diabetes 2035 Plan

- Outcome #1: Invest in new, deeper, and longer partnerships to improve health and to provide quality care and treatment
- Outcome #2: Work toward health equity for all
- Outcome #3: Share power to affect change
- · Outcome #4: Create systems that improve access to and integrate clinical and community health services
- Outcome #5: Improve data collection and enhance utilization
- · Outcome #6: Expand and diversify health care and community health workforces, including leadership
- · Outcome #7: Expand shared learning and education to build knowledge, skill, and health
- · Outcome #8: Support the implementation of community-led programs and solutions in community settings
- Outcome #9: Enhance delivery of quality, whole-person care inside and outside the clinic
- Outcome #10 Ensure all people have access to resources and supports needed to support health, in policy and practice





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