

Structural Determinants of aging in a place: a story about Mrs. Helen Musick

PARIS "AJ" ADKINS-JACKSON, PHD MPH

ASSISTANT PROFESSOR

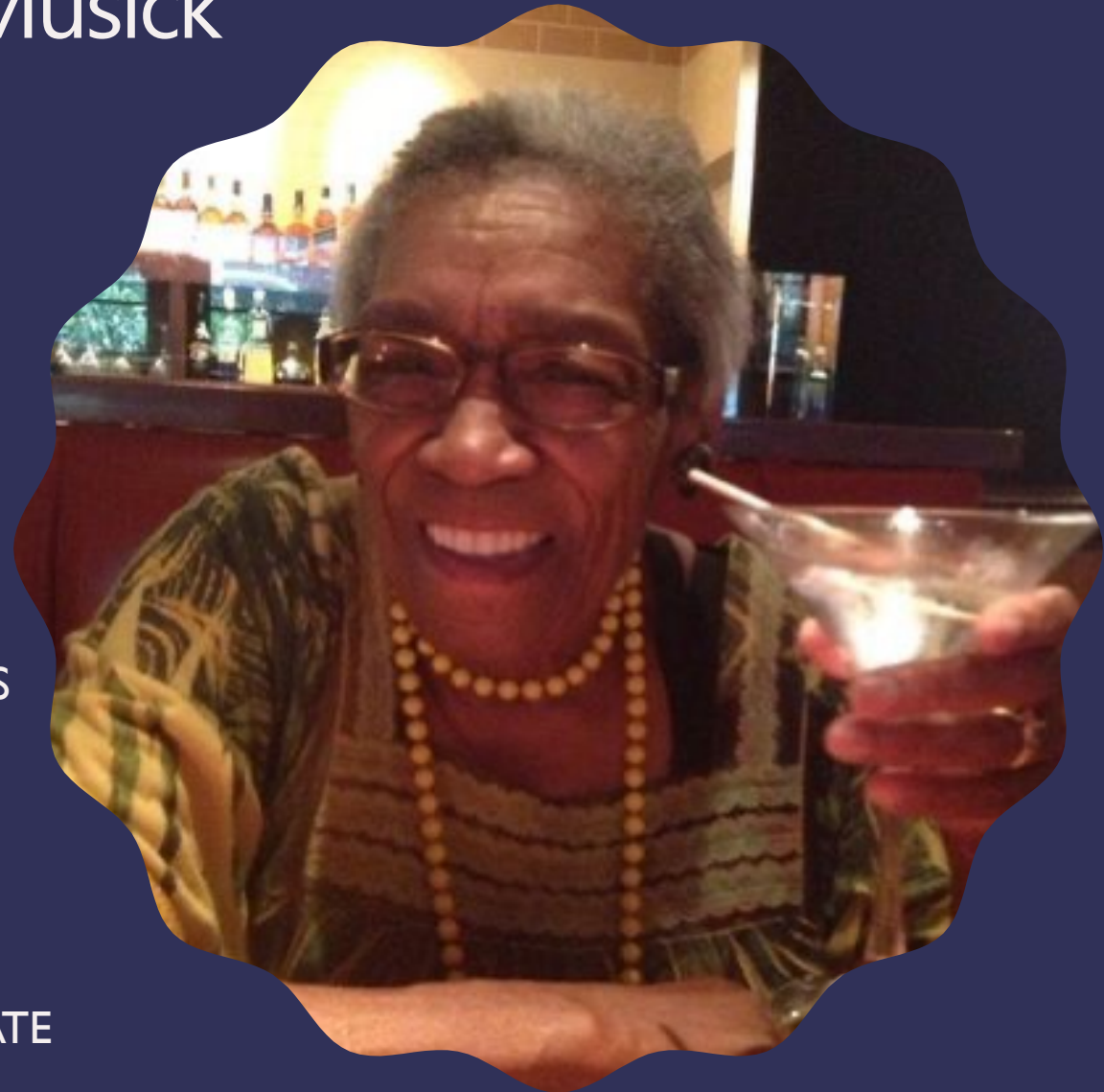
DEPARTMENTS OF EPIDEMIOLOGY & SOCIOMEDICAL SCIENCES

MAILMAN SCHOOL OF PUBLIC HEALTH

COLUMBIA UNIVERSITY

COLUMBIA POPULATION RESEARCH CENTER FACULTY AFFILIATE

DATA SCIENCE INSTITUTE FACULTY AFFILIATE



SOCIAL DETERMINANTS

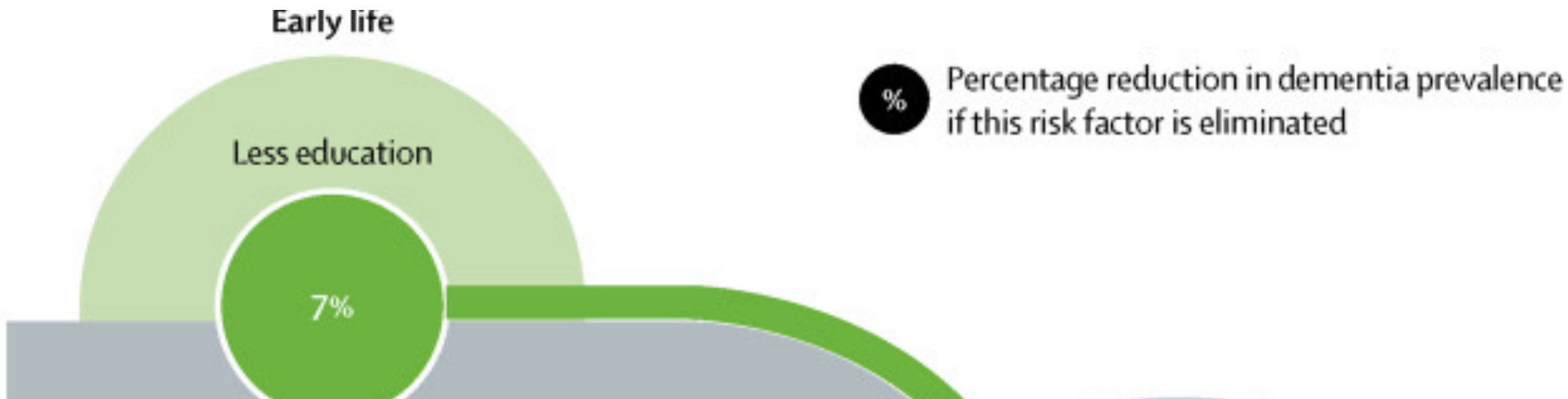
The “conditions in the environments where people are born, live, learn, work, play, worship, seek healthcare, and age.”





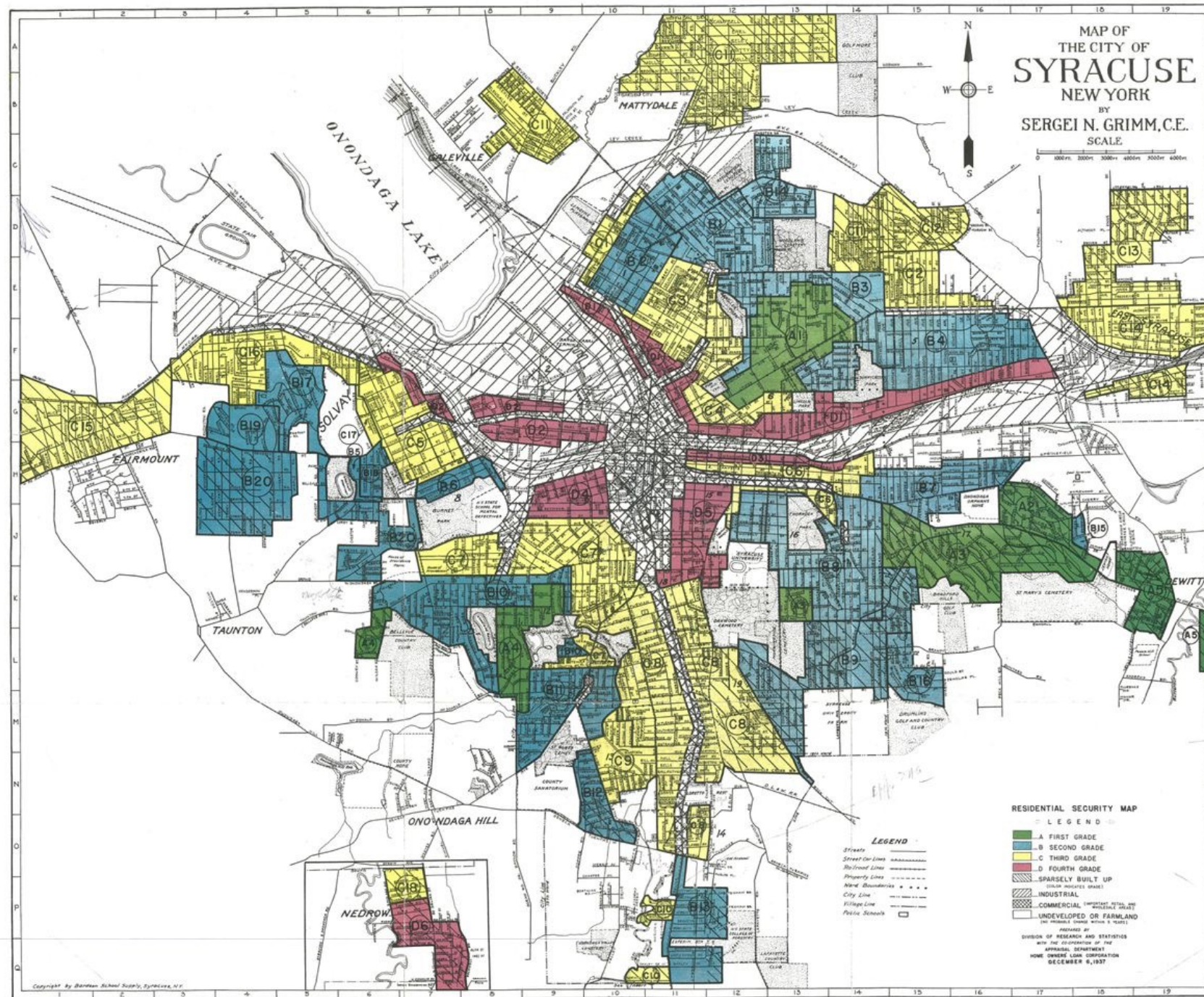
WHERE YOU LEARN...







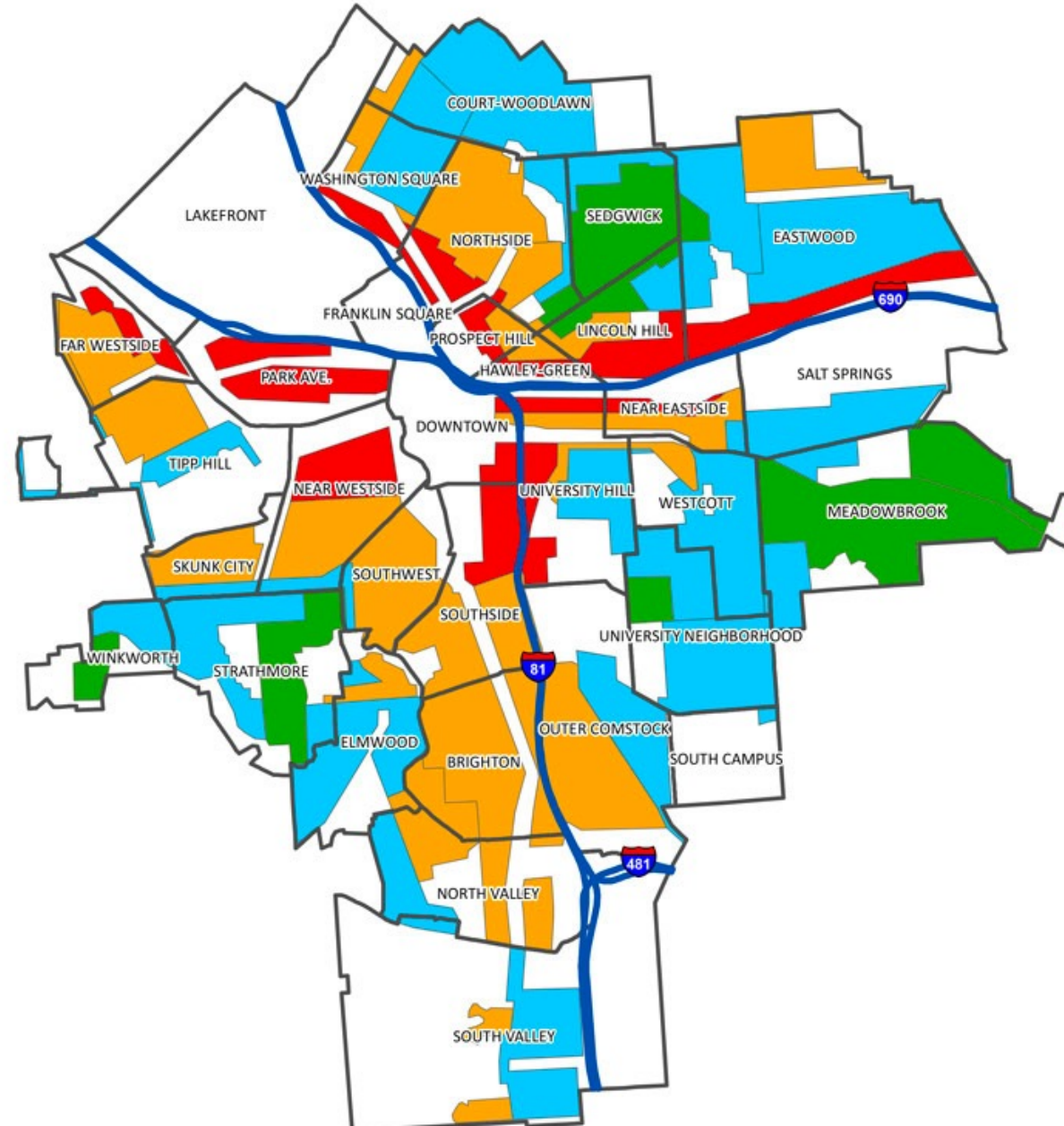






WHERE YOU LIVE...

Home Owners' Loan Corporation Security Grades in Syracuse, NY (1937)













WHERE YOU WORK...



Black Women and the Wage Gap

Black women are typically paid just 64 cents for every dollar paid to white, non-Hispanic men. The median annual pay for a Black woman in the United States is \$36,303, while the median annual pay for a white, non-Hispanic man is \$57,005 – a difference of \$20,702 per year.⁷ If the annual wage gap were eliminated, a typical Black woman working in the

United States would have enough money to pay for approximately:

- Thirty months of food;⁸
- More than 25 more months of child care;⁹
- Four semesters of tuition and fees for a four-year public university, or the full cost of tuition and fees for a two-year college;¹⁰
- Nearly 19 months of rent;¹¹ or
- More than 13 additional months of premiums for employer-based health insurance.¹²



30

MONTHS OF
FOOD



25

MONTHS
OF
CHILD
CARE



4

SEMESTERS OF
TUITION AND
FEES FOR 4-
YEAR PUBLIC
UNIVERSITY



19

MONTHS OF
RENT



13

MONTHS OF
EMPLOYER-
BASED HEALTH
INSURANCE
PREMIUMS

WHERE YOU PLAY...



GENEVA FALLS

NEW YORK

SANBORN
MAP & PUBLISHING CO.
Limited

Continued

IT'S BROADWAY NEW YORK

Source: U.S. Census Bureau, *Marriage, Divorce, Remarriage in the 1990s*, Washington, D.C., 1993.

1836

POPEL & TAYLOR 1994C

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[illegible]

The International Page

Received 15 July 2003; accepted 15 July 2003

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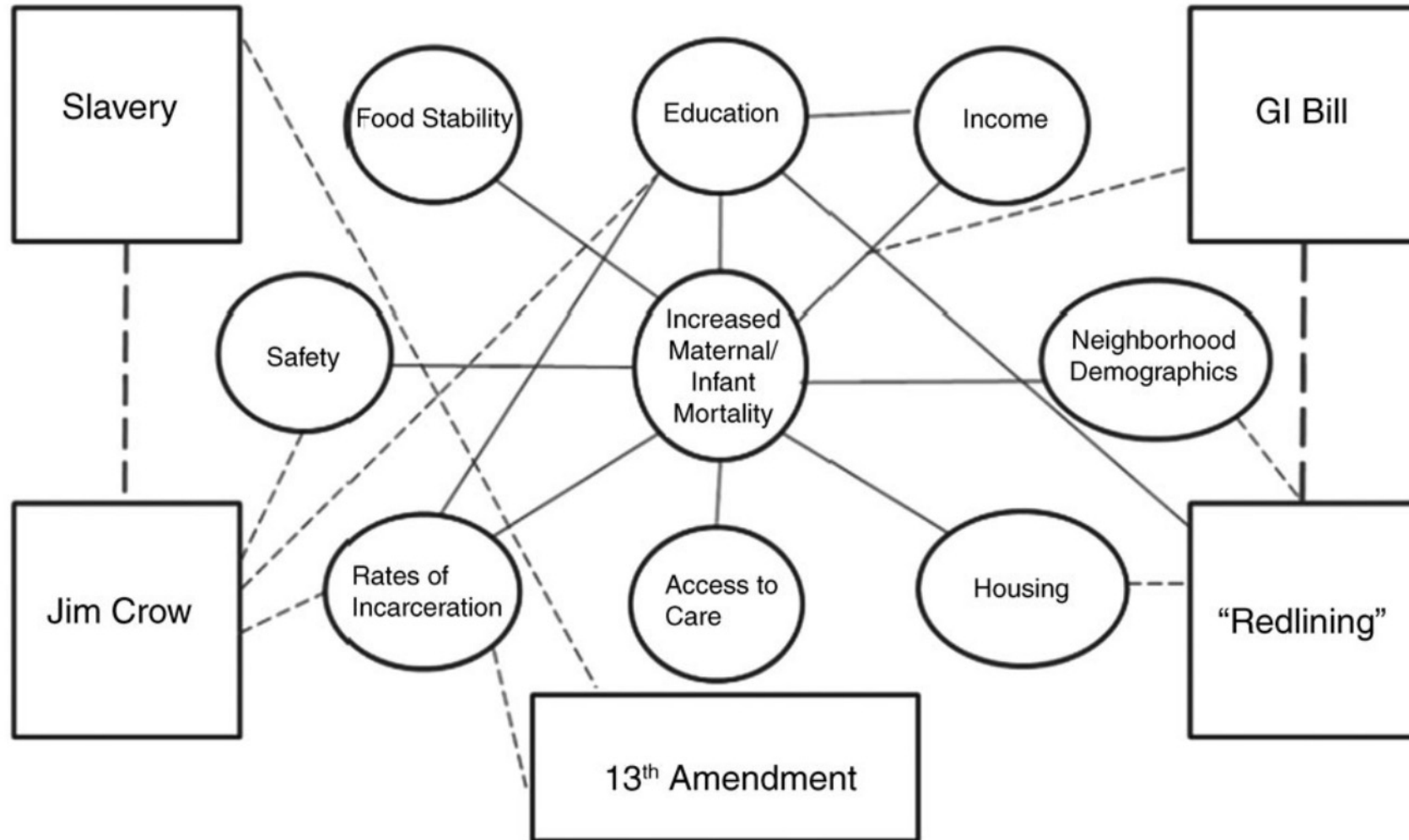
STRUCTURAL DETERMINANTS

The pervasiveness and deliberateness with which policies, societal norms and structures, and governing processes result in inequities in the distribution of power, resources, opportunities, and SDOH.



WEB OF CAUSATION

STRUCTURAL and SOCIAL DETERMINANTS: IMPACT ON HEALTH





Kristen George

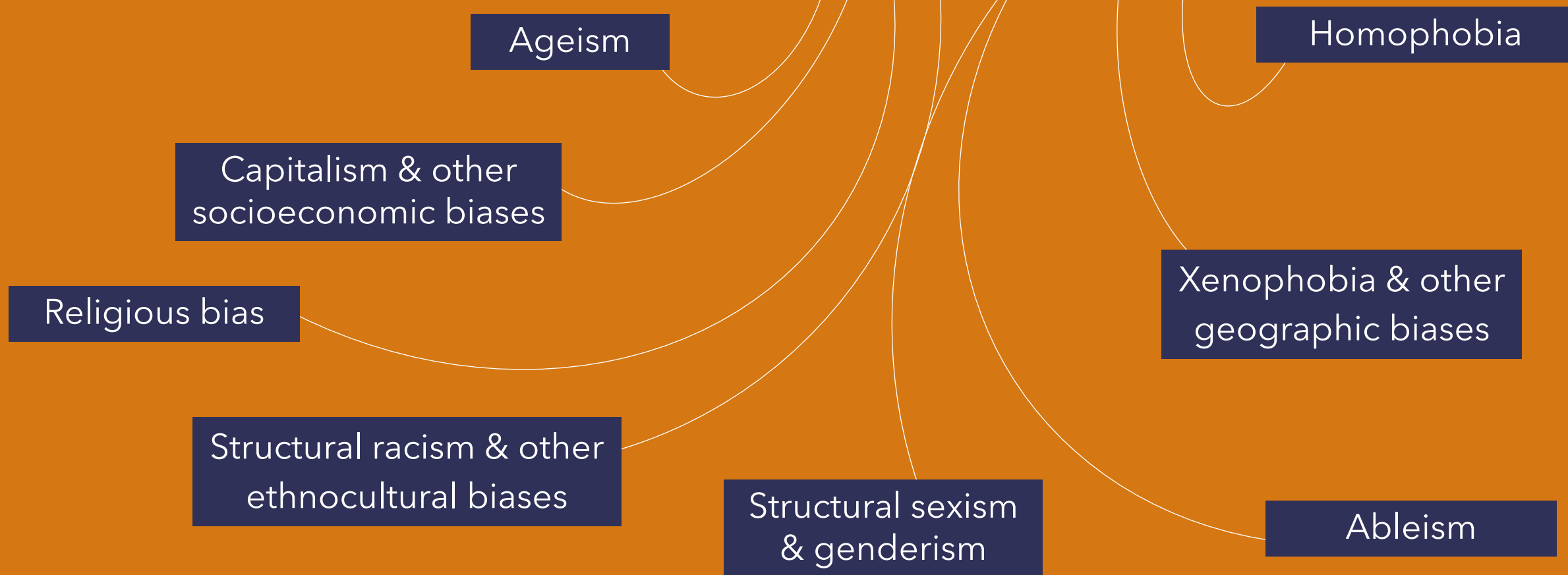


Lilah Besser



Ganesh Babulal

STRUCTURAL DETERMINANTS



STRUCTURAL RACISM



1. assigns value



2. structures opportunity



DIE IN PLACE



AGE IN PLACE



DIE IN PLACE



Health is a commodity in a discriminatory system

ETIOLOGY SCIENCE

Racism and the Life Course: Taking Time Seriously

The adage “time is money” signifies that time itself is a major social resource, but the role of time as a determinant of health inequities remains underappreciated. Time is funda-

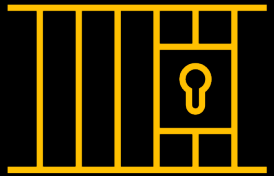
Gilbert C. Gee, PhD, Anna Hing, MPH, Selina Mohammed, PhD, Derrick C. Tabor, PhD, and David R. Williams, PhD

The study of racism and its manifestations, such as racial discrimination, has become in- (prejudice), and behaviors (dis- crimination) toward non- dominant racial groups. how human experiences unfold over time.⁵ At the interpersonal level, the life course



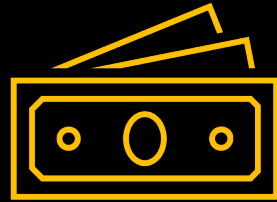
EXPOSURE ACROSS THE LIFE COURSE

CRITICAL PERIOD



Crime Bill

SOCIAL TRAJECTORY



Intergenerational
Poverty

IMMEDIATE



Encounter with
racist doctor

CUMULATIVE

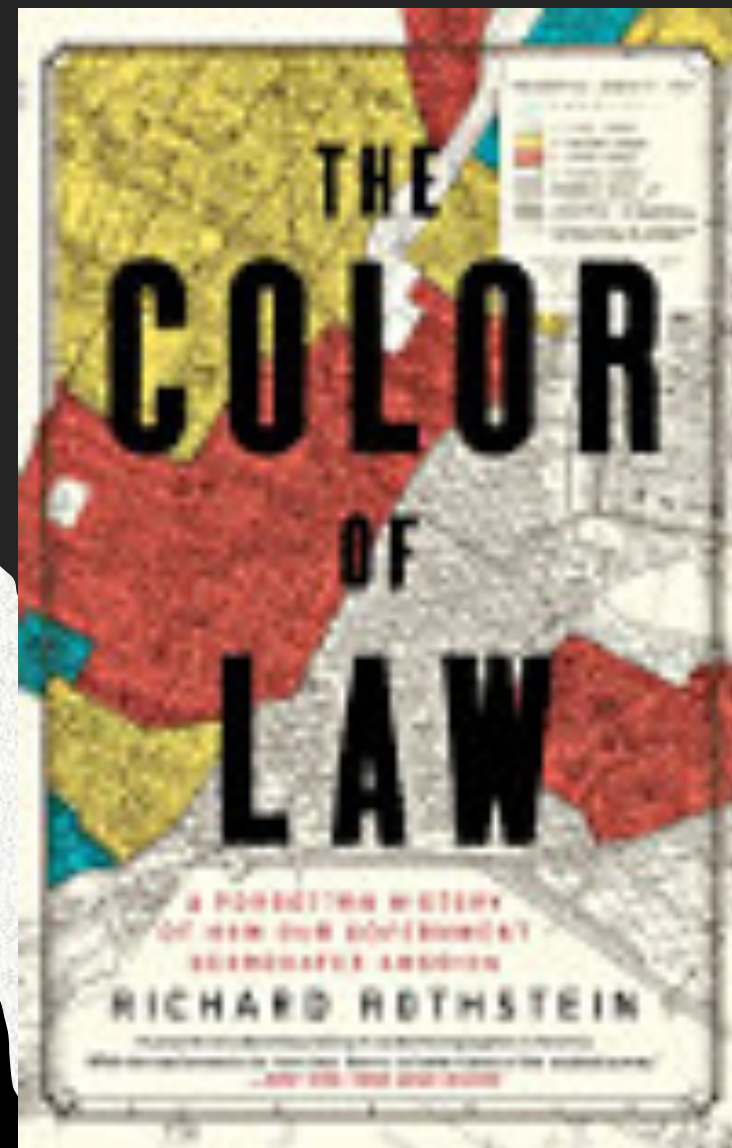


Pollution





STUCK IN PLACE





Marvin – 60s

Hospital

Nursing home

Hospital

Her apartment

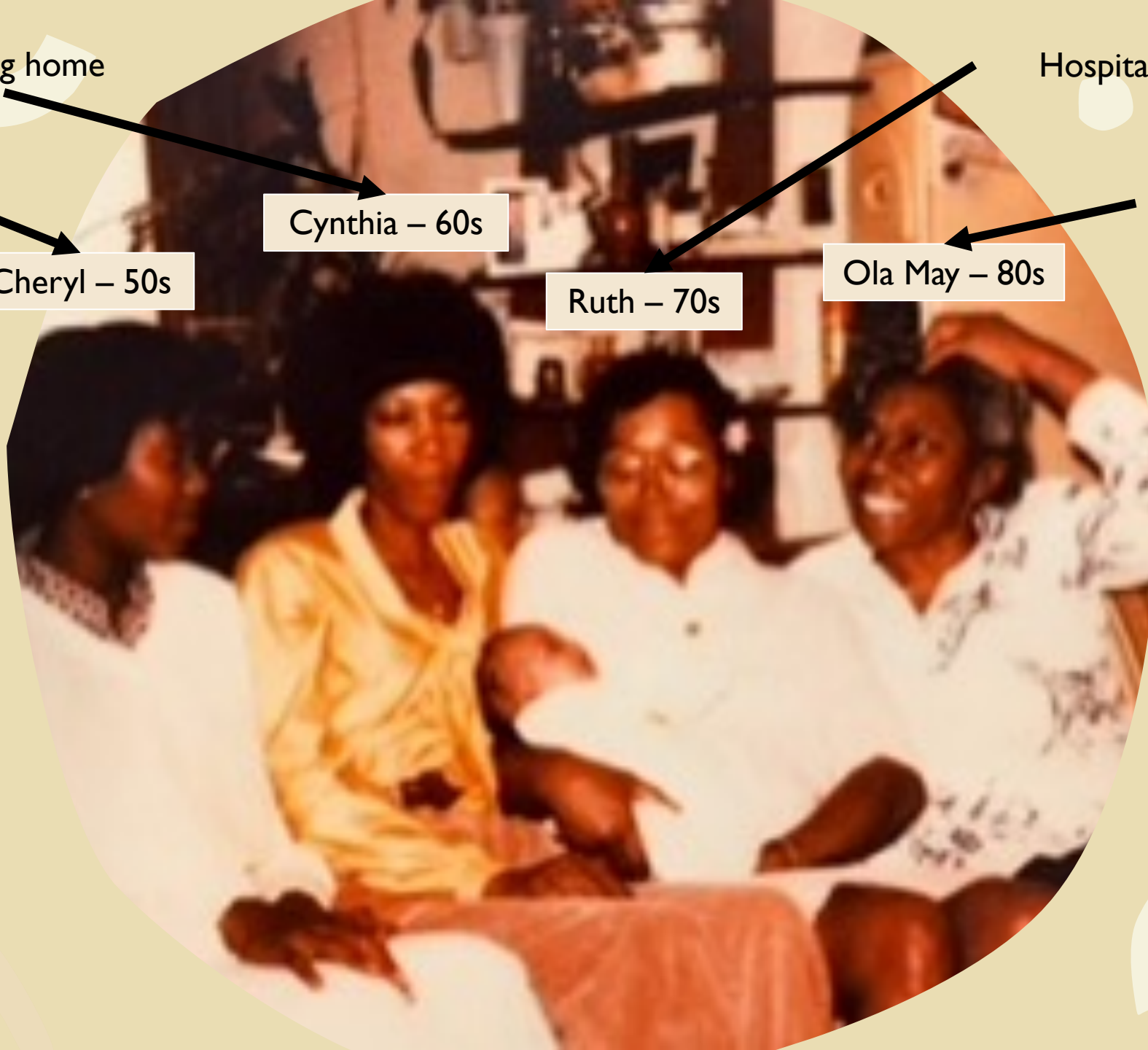
Her house

Cynthia – 60s

Cheryl – 50s

Ruth – 70s

Ola May – 80s





SURVIVE IN PLACE

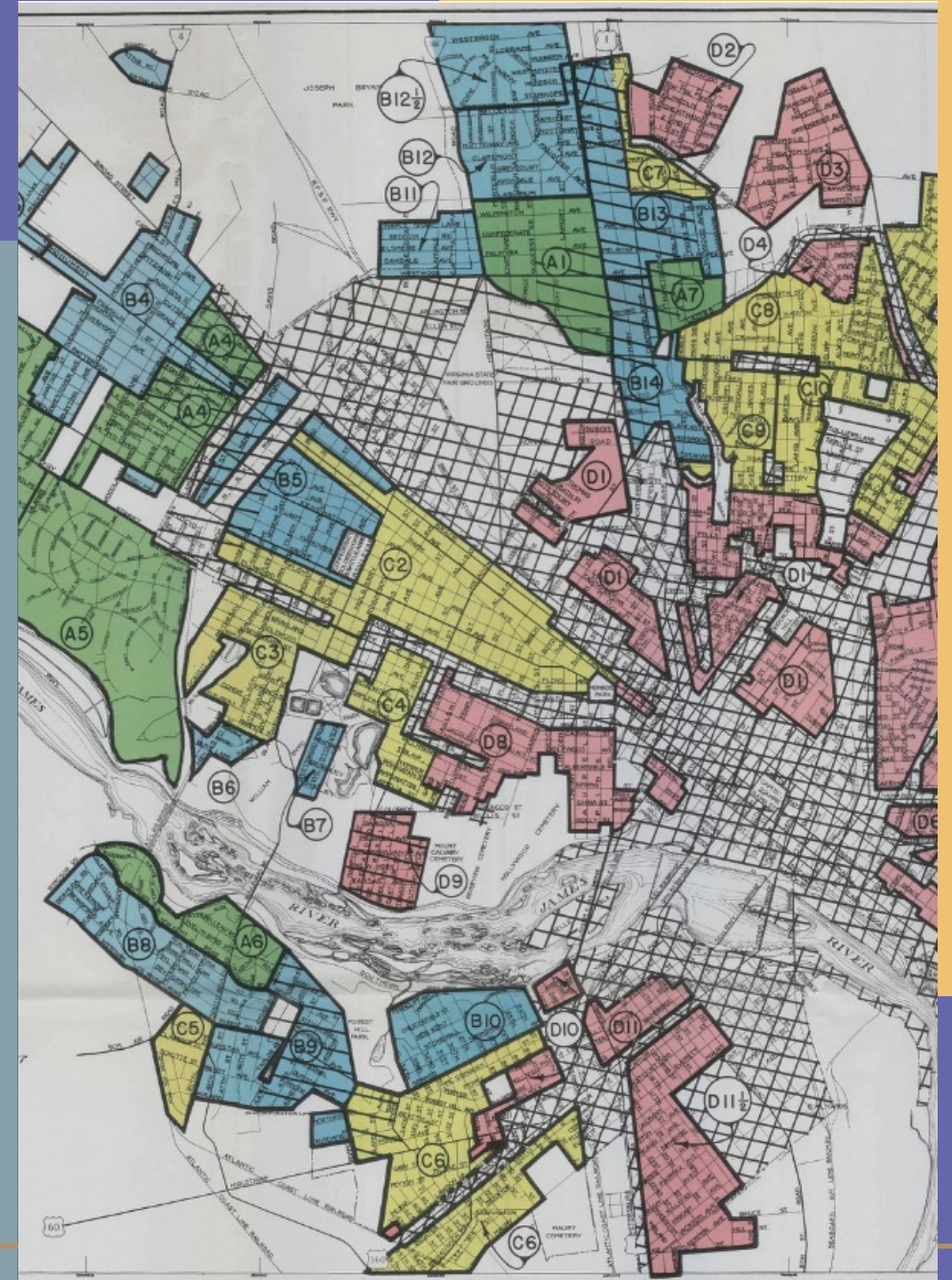


TRAIL OF TEARS

The United States government, unable to conclude an agreement with the duly authorized leaders of the Cherokee Nation, signed a treaty with a minority faction willing to cede the last remaining portion of the original Cherokee homeland on December 29, 1835. Despite the protests of the overwhelming majority of Cherokee people, the fraudulent "Treaty of New Echota" was ratified by the U. S. Senate by only a single vote on May 23, 1836. The Cherokees were given two years from that date to remove to the Indian Territory. When the time had expired only 2,000 of the nearly 17,000 Cherokee remaining in the east had departed their ancestral homeland.

In late May, 1838 General Winfield Scott and 7,000 federal and state troops arrived in the Cherokee Nation to enforce the removal. The families were forced from comfortable homes to open military stations scattered throughout southeastern Tennessee, western North Carolina, and northern Alabama. From the stockades, they were sent to the principal emigrating depots near Fort Mingo, Tennessee; Fort Cass, near Chattanooga, Tennessee; and Fort Payne, Alabama. (Continued on other side)

WHERE YOU GET CARE...



SURVIVING IN PLACE



HEALTHCARE ACCESS



SURVIVING IN PLACE



FOOD DESERT



SURVIVING IN PLACE



SOCIAL SUPPORT



STRUCTURAL RACISM & SEXISM



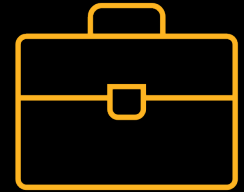
RESIDENTIAL SEGREGATION



DISPLACEMENT



POLLUTION



OCCUPATIONAL SEGREGATION



WAGETHEFT



FOOD ACCESS

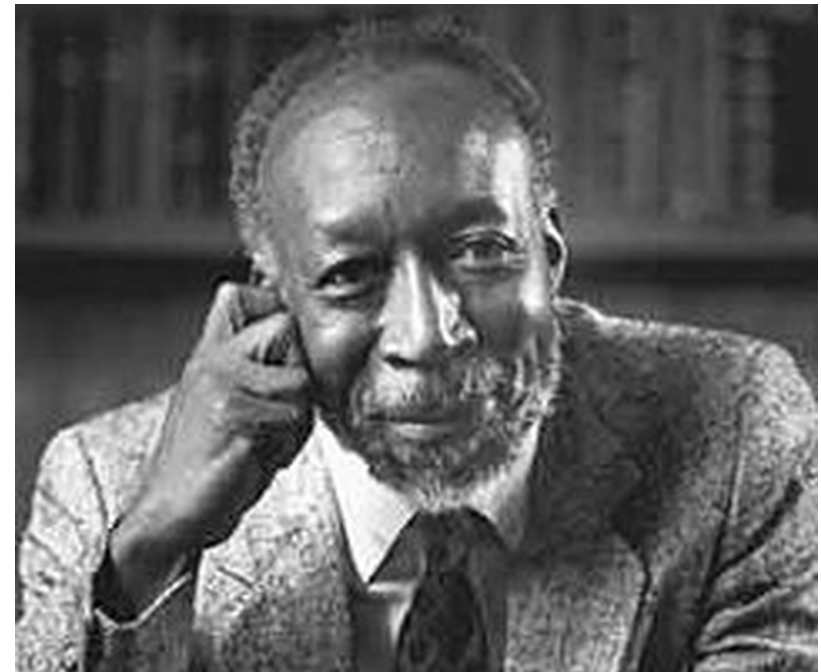
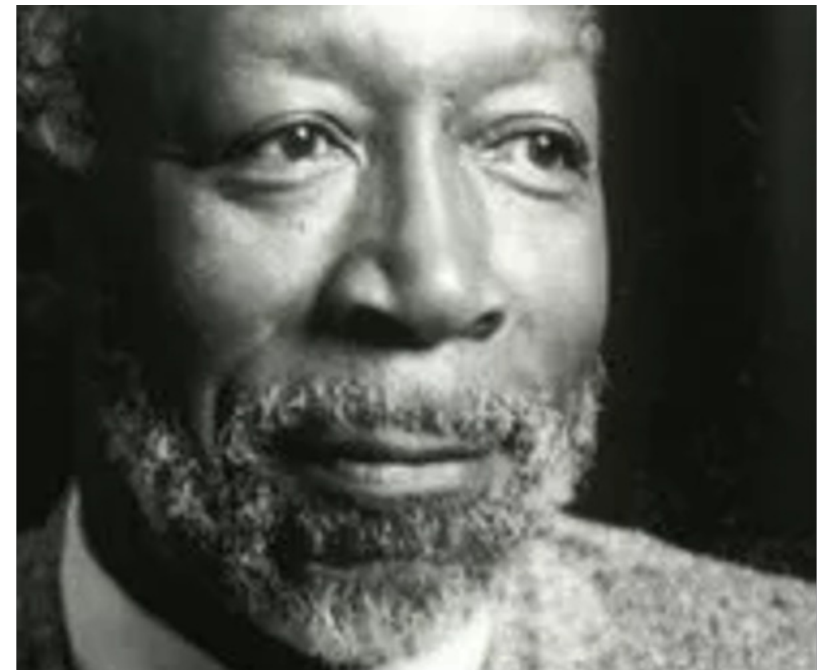


HEALTHCARE ACCESS

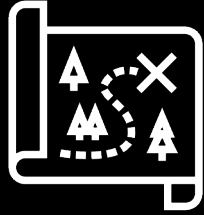


SOCIAL SUPPORT

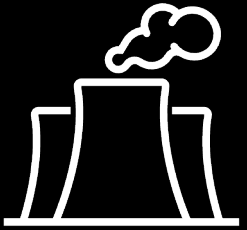
John Williams, Jr. – 90s



MULTIGENERATIONAL DETERMINANTS



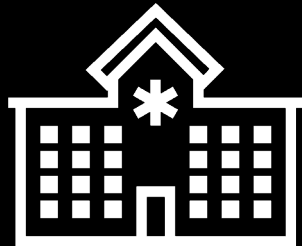
RESIDENTIAL SEGREGATION



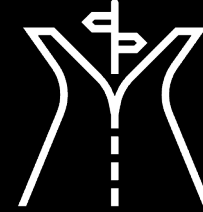
POLLUTION



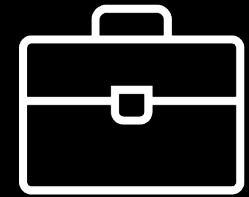
WAGE THEFT



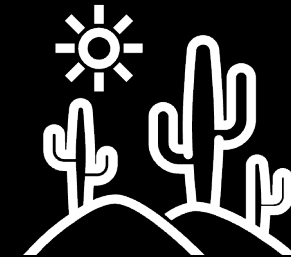
HEALTHCARE ACCESS



DISPLACEMENT



OCCUPATIONAL SEGREGATION



FOOD ACCESS



GENTRIFICATION

AGING IN (DIS)PLACEMENT

500+ YEARS AGO



AGING IN (DIS)PLACEMENT

600 YEARS & COUNTING



AGING IN (DIS)PLACEMENT **100 YEARS & COUNTING**



Lydia Lili'u Loloku Walania Kama'eha

AGING IN (DIS)PLACEMENT **THE PRESENT**



AGING IN (DIS)PLACEMENT THE PRESENT

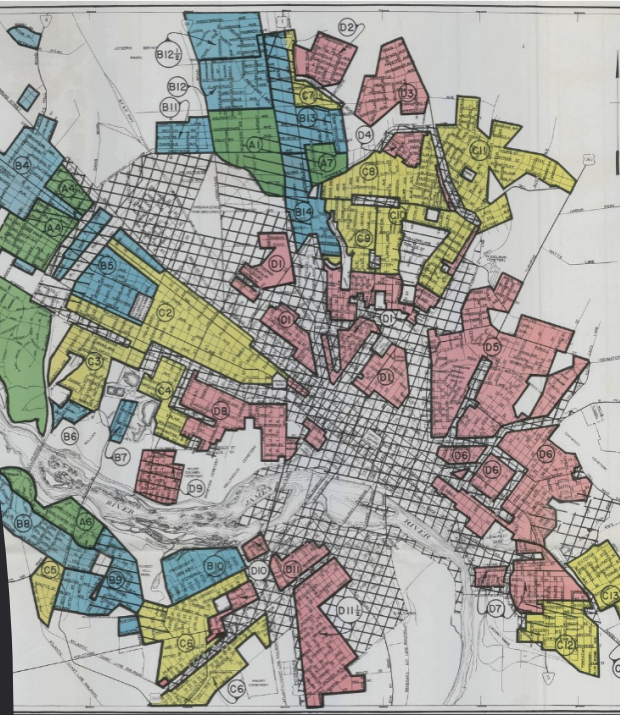


THE STAR OF THE SHOW

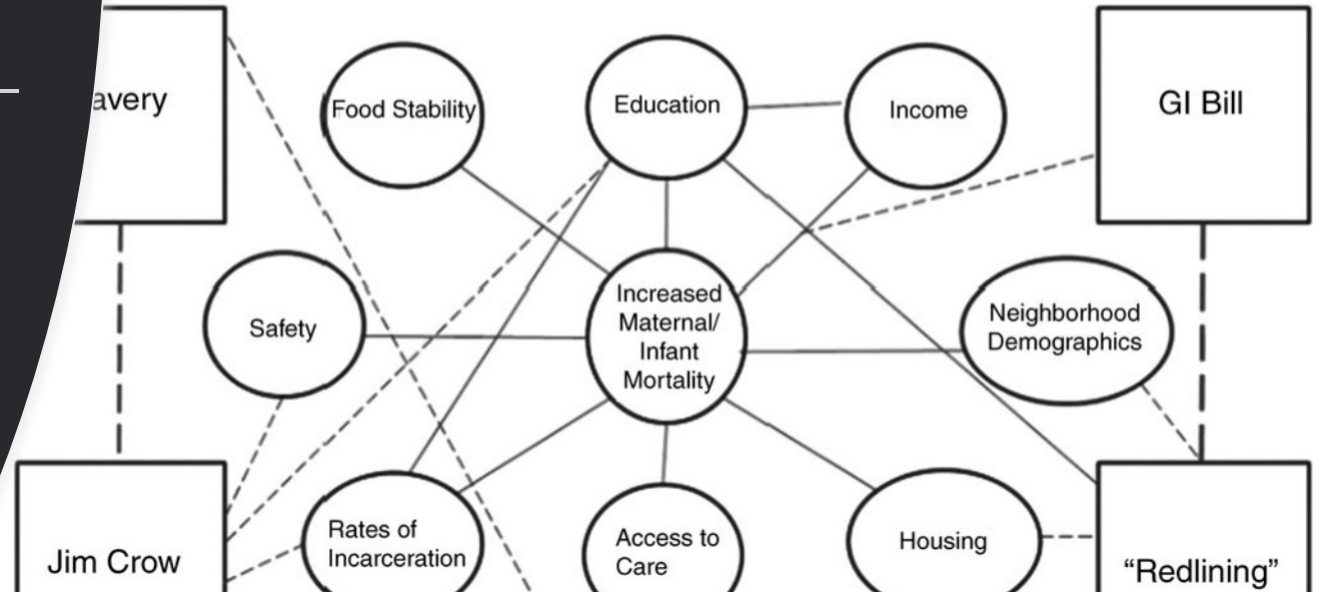
WEB OF CAUSATION SOCIAL DETERMINANTS



Francis, et al. 2016. Based on Kreiger fram



STRUCTURAL and SOCIAL DETERMINANTS: IMPACT ON HEALTH





Foster P. Reparations for Slavery? In Harvard Magazine. 2022.







ASANTE & GRACIAS

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IN DEDICATION

Helen Loretta Williams Musick