

University of Illinois ~ Chicago

Why Incorporate History?

- Social Determinants of Health
- Life course / longitudinal
- Epigenetic evidence
- Persistence of culture
- Inherited trauma
- Continuing biobehavioral responses:
Weathering, Hypervigilance





Racial Disparity in Pregnancy Outcomes

- Spatial/Community
 - Intensity of local residential segregation (Kramer et al 2010)
 - State expansion of Medicaid funding (Bhatt & Beck-Sague 2018)
 - Racial economic inequality (Howell et al 2016; Kothari et al 2016; Ncube et al 2016; Siddiqi et al 2016)
 - Local racial climate (Chae et al 2018; Orchard & Johnson 2017)
 - 2016 election & immigration raids (Gemmill et al 2019; Novak et al 2017)
- Individual
 - Experiences with racism (Bower et al 2018)

Why Incorporate History?

Local histories of racial violence linked to:

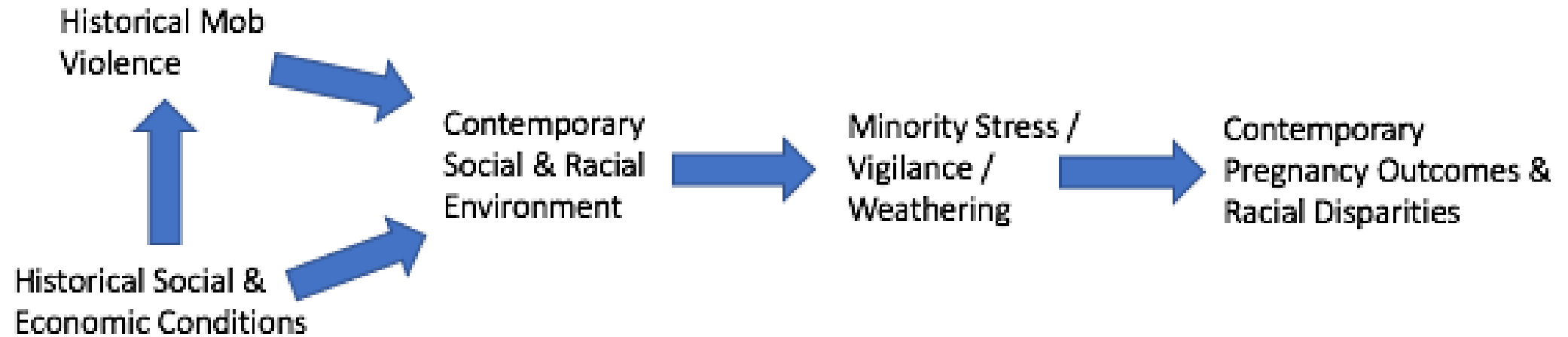
- Mid-century Klan activity (Owens et al. 2015; Cunningham and Phillips 2007); Late 20th century Black church burnings (McAdam et al. 2013); Southern “segregationist academies” (Porter et al. 2014)
- Crime & Law enforcement: hate crimes reporting (King et al. 2009); Black prison admissions (Jacobs et al. 2012); Use of the death penalty (Jacobs et al. 2005); White-on-Black homicide (Messner et al. 2005)
- Corporal punishment in public schools (Ward et al 2021)

Intensity of Enslavement (1860) linked to:

- Conservative political attitudes (Acharya et al 2016)
- Racial economic disparity (O’Connell 2012)

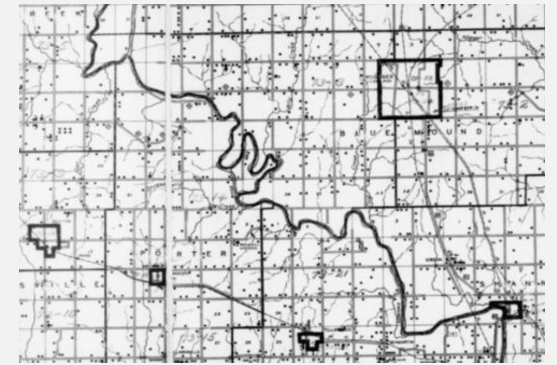


History as a Fundamental Cause of Disease



What Tools Can We Already Leverage?

- Census data (individual and aggregated)
- Elections data down to the county level
- Census of Religious Bodies
- Legal Executions
- Spatial linkages
- Vital statistics
- School enrollment
- Limited administrative record linkages



09

UNITED STATES CENSUS OF RELIGIOUS BODIES
SCHEDULE: 1926 DEC 1 1 1926

FILL OUT A SEPARATE SCHEDULE FOR EACH CHURCH. SEE INSTRUCTIONS ON THE BACK OF THIS SHEET

a. Denomination *Seventh Day Adventist* 001
b. Local name of church *Cumberland Cong.*
c. City, town, village, or township, etc. *Mt. Pleasant* d. County *Barnes* e. State *N.C.*

MEMBERSHIP
Report number of members according to definition of member in your church

1. Male	32
2. Female	52
3. Total number of members	84
Number of members under and over 13 years old:	
4. Under 13 years of age	4
5. 13 years old and over	80
6. Total number of members	84

CHURCH BUILDINGS
See instructions, paragraphs 10 to 12

CHURCH SCHOOLS
Report here only schools conducted by this church

7. Sunday schools:	
16. Number of officers and teachers	14
17. Number of scholars	88
Summer vacation Bible schools:	
18. Number of officers and teachers	none
19. Number of scholars	
Week-day religious schools:	
20. Number of officers and teachers	none
21. Number of scholars	
Parochial schools:	
22. Number of administrative officers	5
23. Number of teachers:	
a. Elementary (grades 1 to 8)	2
b. Secondary	12
24. Number of scholars	20

Current Challenges

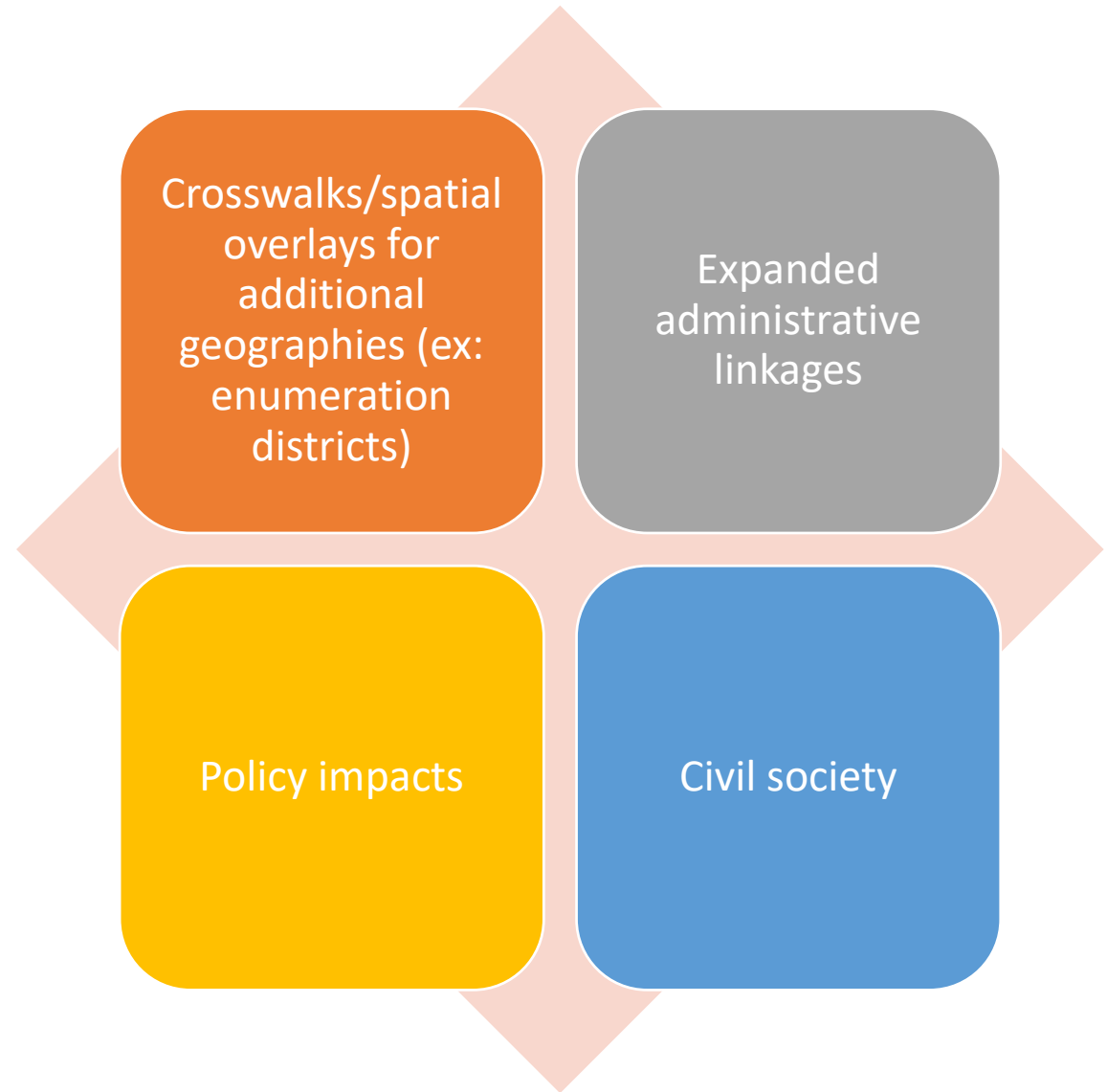
Uneven availability over space or time

Changing administrative boundaries
(Modifiable Areal Unit Problem)

Missing not at random

Distribution/Availability

What Can New Historical Data Show Us?



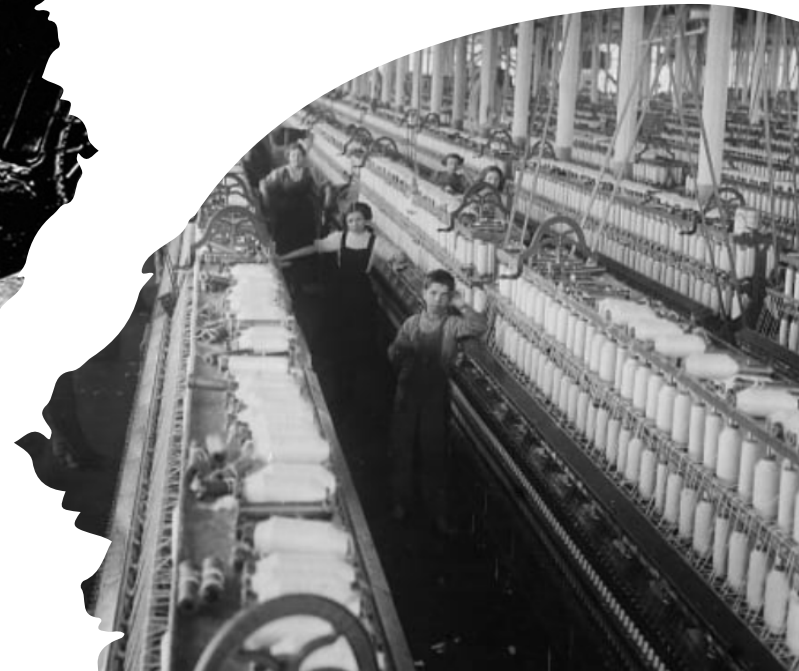
Incorporating History: Environmental Equity

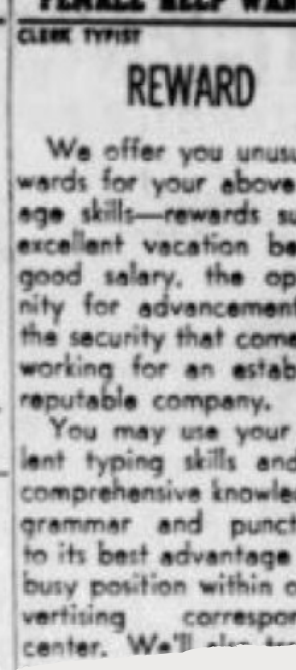
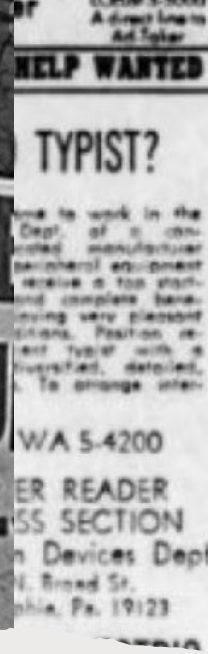
- Spatial/Community
 - Locations of toxic releases
 - Environmental events
 - Epidemics & disease outbreaks
- Individual
 - Record linkages to enable life course spatial map
 - Multigenerational environmental exposures



Census Data			
First Name	Last Name	Phone	Zip
John	Michelson	555-5555	12345
James	Jones	555-1111	12345
Robert	Smith	555-0011	12345

A.I. Researchers			
First Name	Last Name	Phone	Zip
John	Michelson	555-5555	12345
James	Jones	555-1111	12345
Robert	Smith	555-0011	12345





Incorporating History: Opportunity Structures

- Spatial/Community
 - Public Policy
 - School funding
 - Local Job Market
- Individual
 - Multigenerational program participation
 - Occupational trajectories

Incorporating History: Social Environment

- Spatial/Community
 - Civil society
 - Voting behavior & suppression
 - Medical / health care structures
- Individual
 - Vital statistics



Certificate of Marriage.

Solemnized at the Parish Church in the parish of Hays in the County of Kent.

NAME AND SURNAME.	Age.	Condition.	Rank or Profession.	Residence at the Time of Marriage.	FATHER'S NAME AND SURNAME.	Rank or Profession.
<u>William Cottle Woods</u>	<u>36</u>	<u>Bachelor</u>	<u>Farmer</u>	<u>Luxted, Downe</u>	<u>Edwin Woods</u>	<u>Shipwright</u>
<u>Edith Frances Pooley</u>	<u>33</u>	<u>Spinster</u>	<u>—</u>	<u>Hays.</u>	<u>Thomas Pooley</u>	<u>Knob</u>

in the Parish Church according to the Rites and Ceremonies of the Established Church.

By me, George Croves, Rector.

In the presence of us, Margaret Ann Sargent
Dora Mary Coppin.

I, George Croves, Rector of the said Church, do hereby certify that the above is a true Copy of the Marriage Register of the parish of Hays aforesaid, the said Register being legally in my custody.

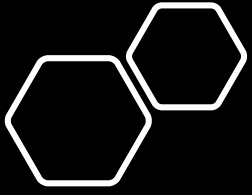
Extracted this Second day of February in the Year of our Lord one Thousand Nine Hundred and four.

By me, George Croves

P. n. 04

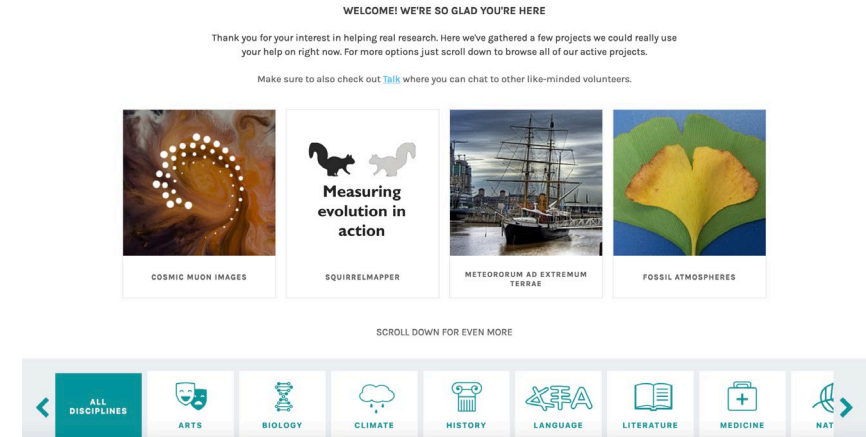
Challenges with Expanding Access

- Survivability of Records
 - What was recorded? By whom? For what purpose?
 - Literacy: Elite perspectives
- Knowing what is out there
- Permission to access
- Trade-offs between time/labor inputs & accuracy



Current Initiatives

- Library of Congress digital acquisitions
- Zooniverse crowdsourcing opportunities
- Mellon Foundation
- Humanities Without Walls





The Bottom Line

Communities and individuals *are shaped* by the past – their own and that of their ancestors

Variation in root causes requires variation in approaches for equitable outcomes

Thank You!

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