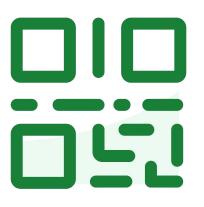
All of Us and The Necessity of Action

Renee Crichlow MD, FAAFP

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Name of favorite childhood pet or food, no explanation.



Renee Crichlow MD, FAAFP

Immediate Past President of the Society of Teachers of Family Medicine, STFM

Boston University a Vice Chair in Dpt. Family Medicine,

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Dr. Crichlow declares that she does not have relevant financial interests in ineligible companies to disclose.

Dr. Crichlow does not intend to discuss off-label uses of drugs, mechanical devices, biologics, or diagnostics approved OR investigational drugs, mechanical devices, biologics, or diagnostics not approved by the FDA for use in the United States.

All event planners have no relevant financial relationships with ineligible companies to disclose.

Learning Objectives

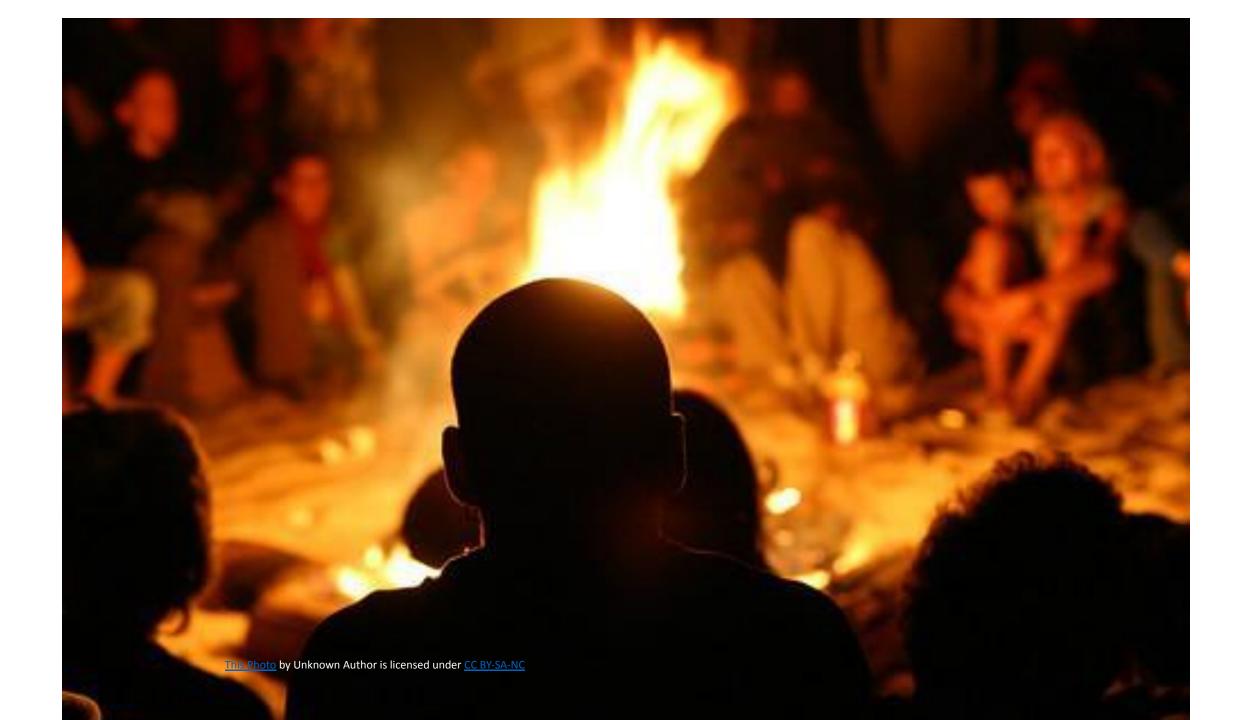
1. Analyze key elements of successful systemic change through historical case studies to identify critical components of transformative interventions

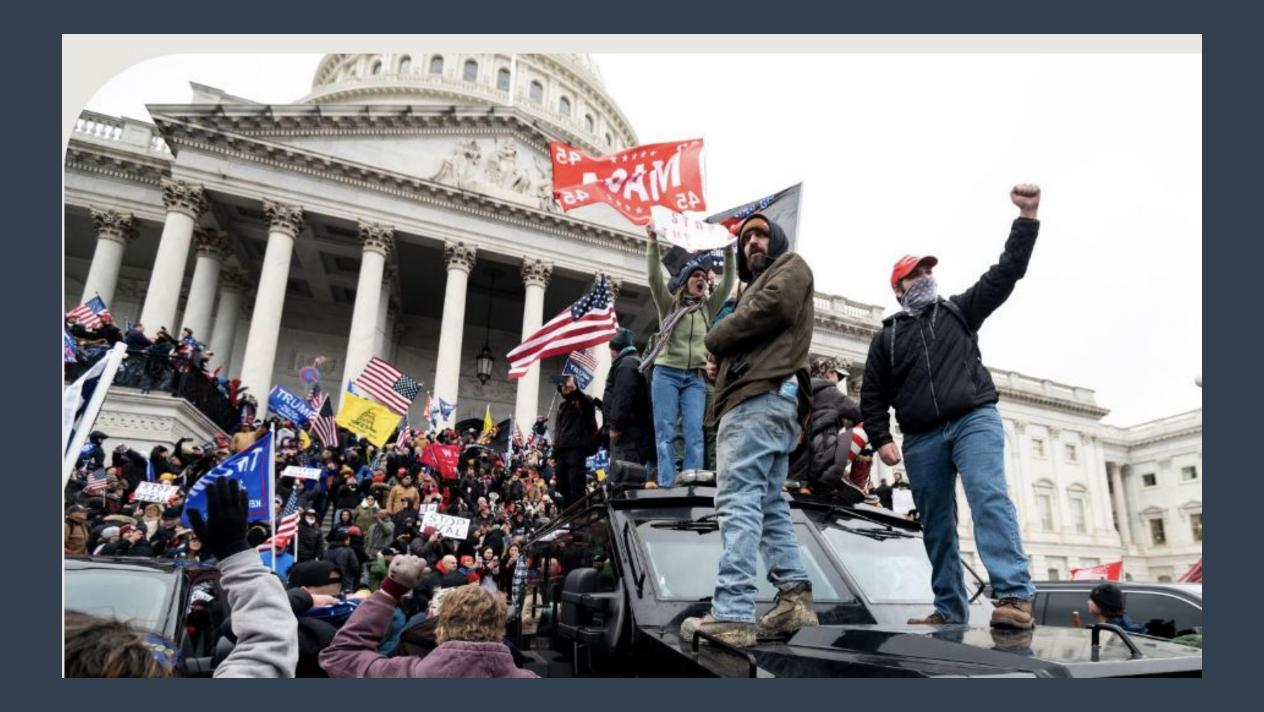
- 2. Evaluate how centering marginalized populations in system-wide interventions drives broader societal improvements
- 3. Develop frameworks for implementing sustainable systemic change by synthesizing evidence across multiple domains

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Year of your Birth. I'm 1967







STILLNESS

THE WAY IT IS

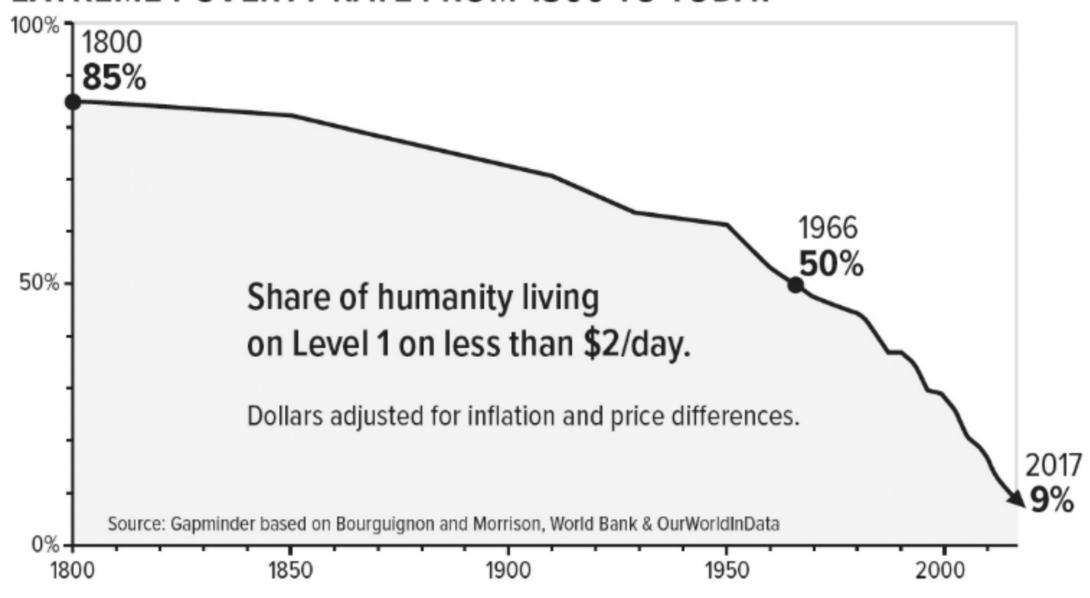
THERE'S A THREAD YOU FOLLOW. IT GOES AMONG THINGS THAT CHANGE. BUT IT DOESN'T CHANGE. PEOPLE WONDER ABOUT WHAT YOU ARE PURSUING. YOU HAVE TO EXPLAIN ABOUT THE THREAD. BUT IT IS HARD FOR OTHERS TO SEE. WHILE YOU HOLD IT YOU CAN'T GET LOST. TRACEDIES HAPPEN; PEOPLE GET HURT OR DIE: AND YOU SUFFER AND GET OLD. NOTHING YOU DO CAN STOP TIME'S UNFOLDING. YOU DON'T EVER LET GO OF THE THREAD.

WILLIAM STAFFORD

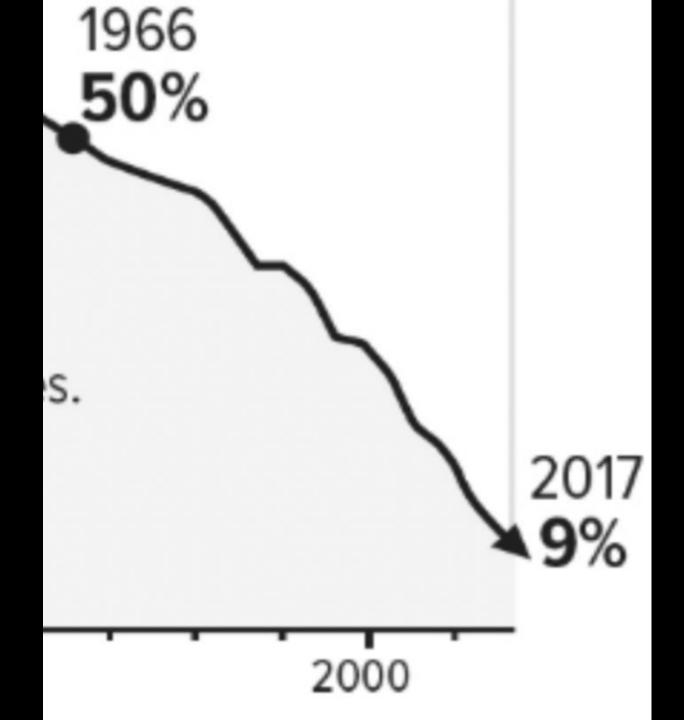
Believe you can is the first necessary action

Stories of Systems Change

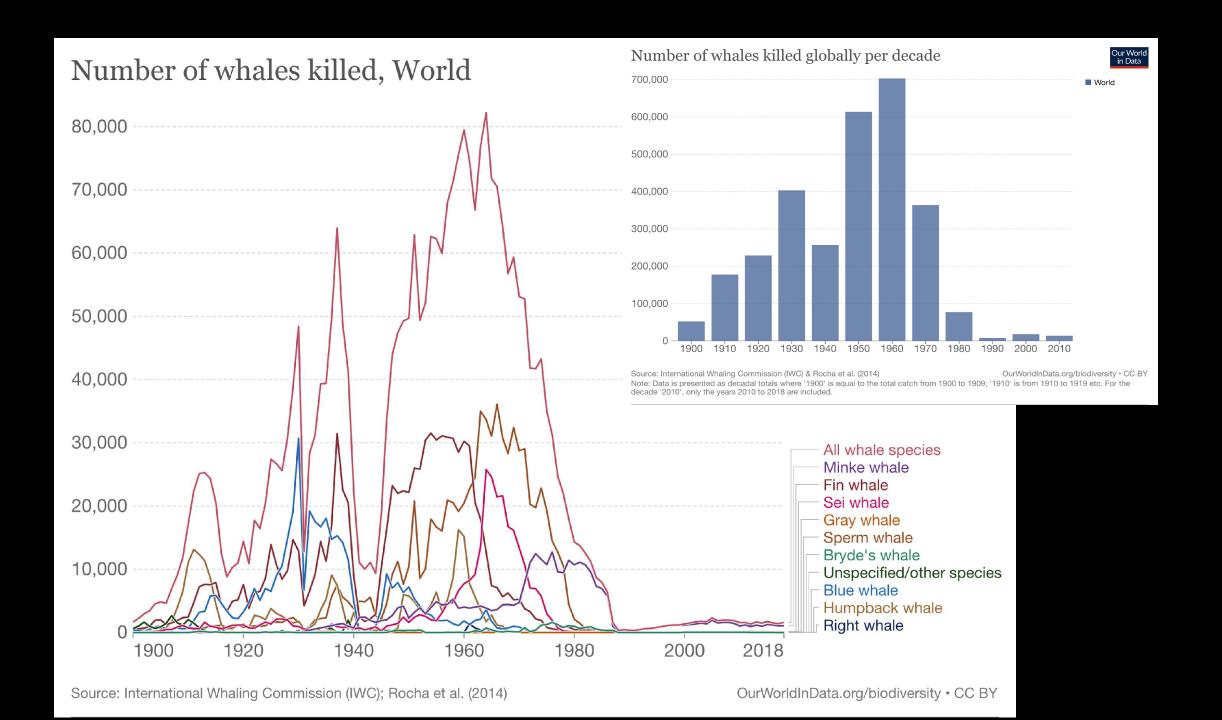
EXTREME POVERTY RATE FROM 1800 TO TODAY

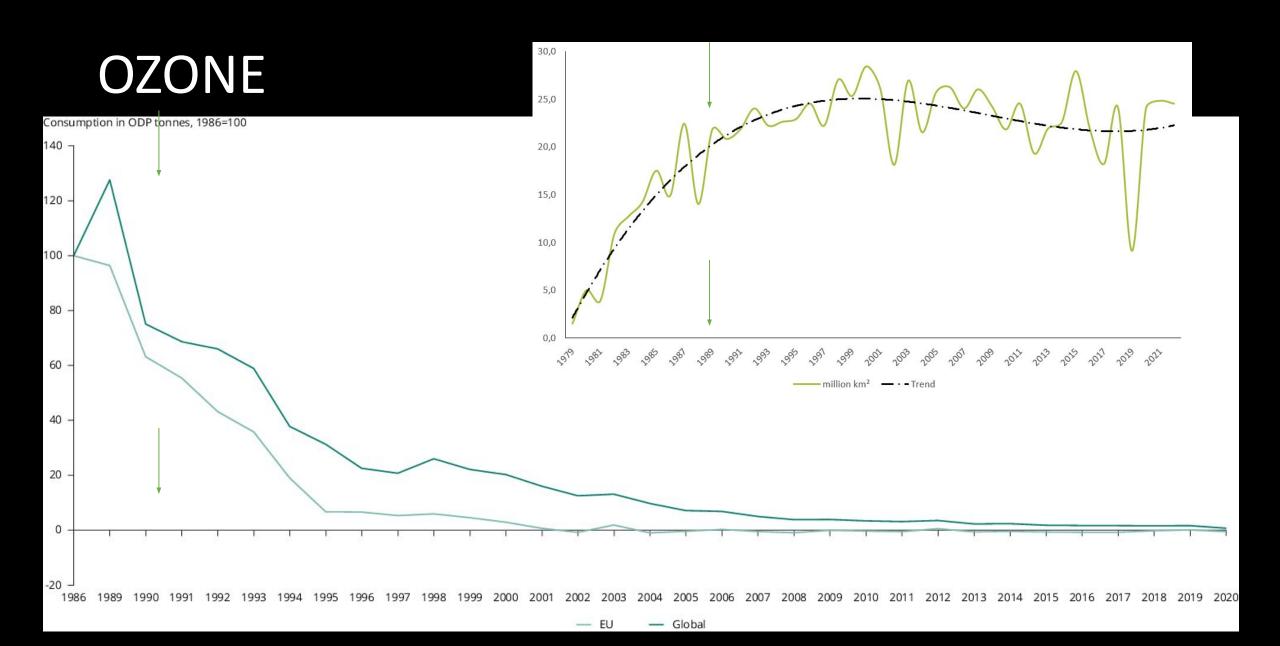


CHANGED WITHIN OUR LIFETIME. (at least within mine)



The Stories we tell shape the world we create



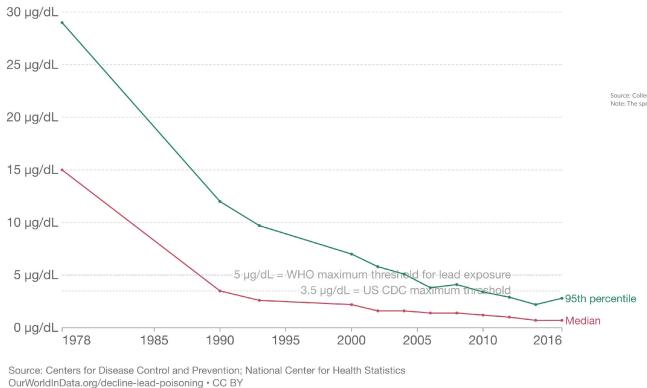


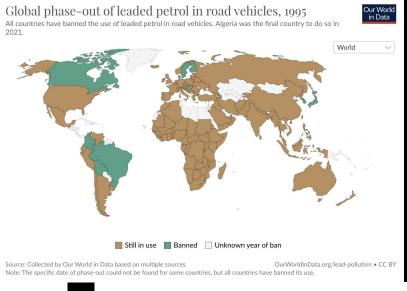
LEAD

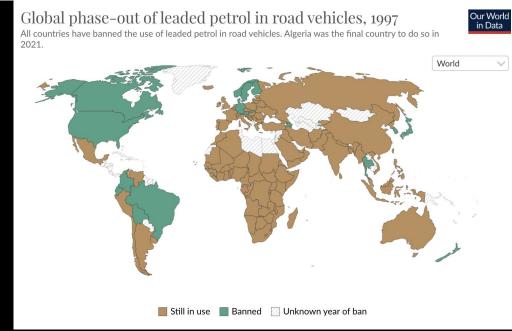
Lead concentrations in the blood of children in the United States

Lead concentrations measured in blood samples from children aged one to five years old.

Children are particularly vulnerable to lead poisoning and can suffer permanent impacts on the development of the brain and nervous system.





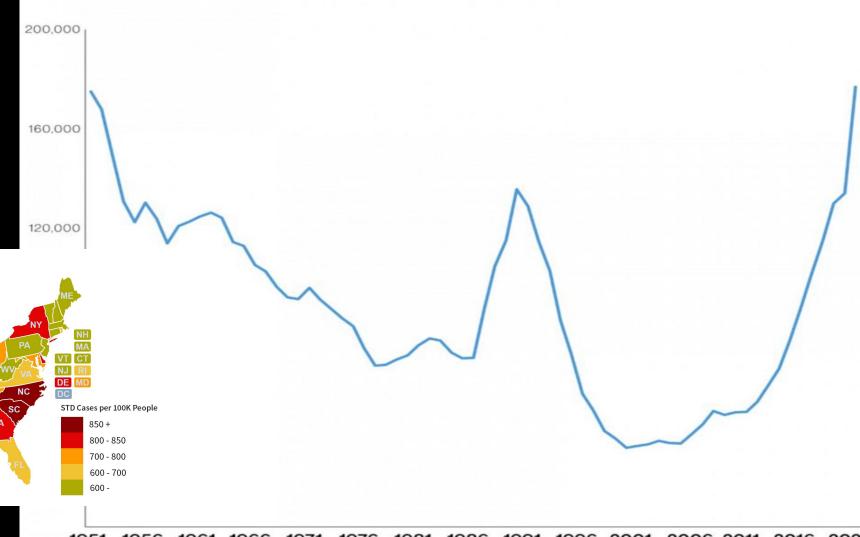


Nothing is fixed. Most things are fixable.

Centering structural changes in the most marginalized shifts the system for all.

SYPHILIS

Syphilis Cases in the United States



1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011 2016 2021

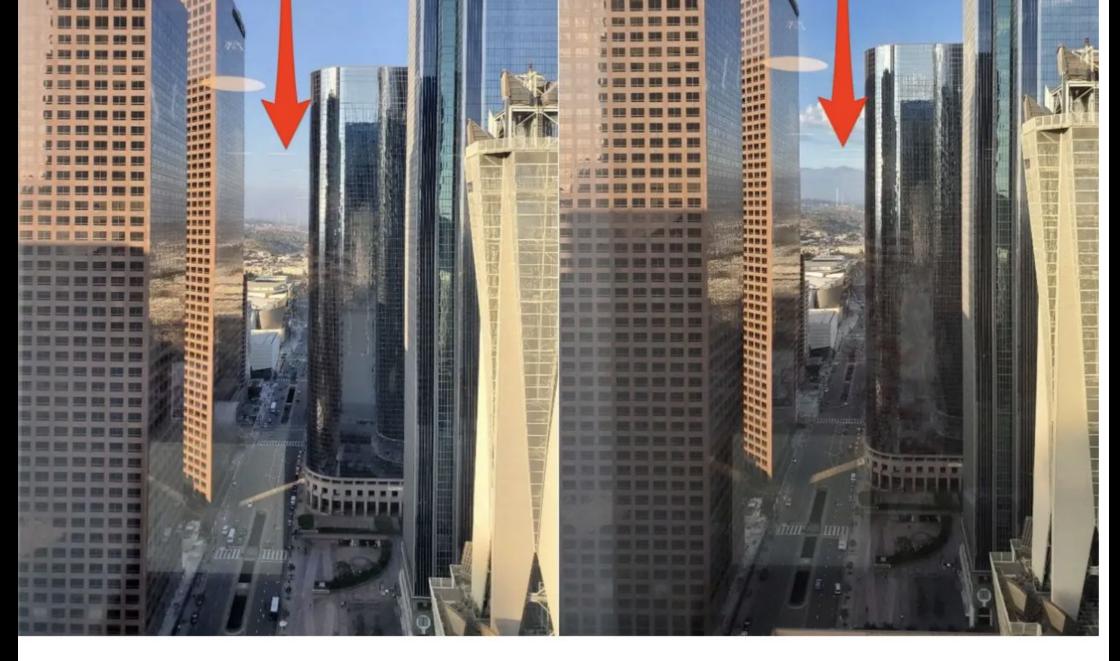




Sunlight and smog in Los Angeles in 1973. EPA

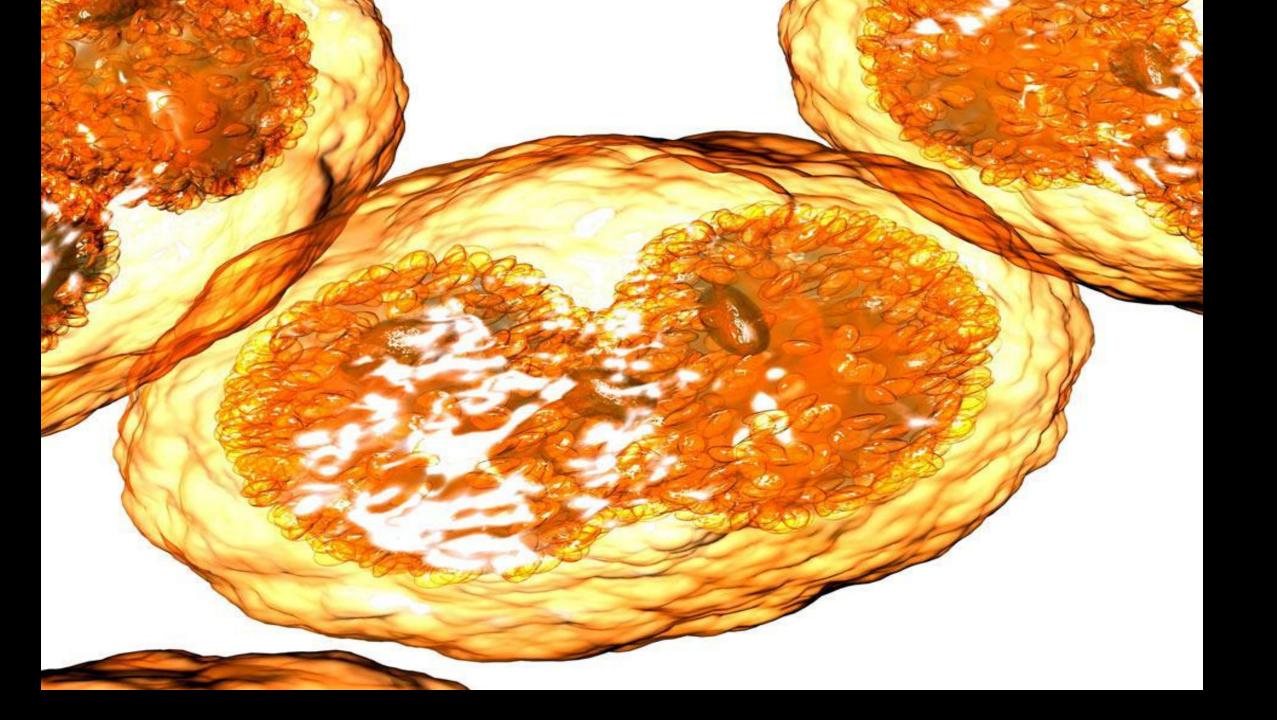


Heavy smog in Los Angeles in 1973. EPA

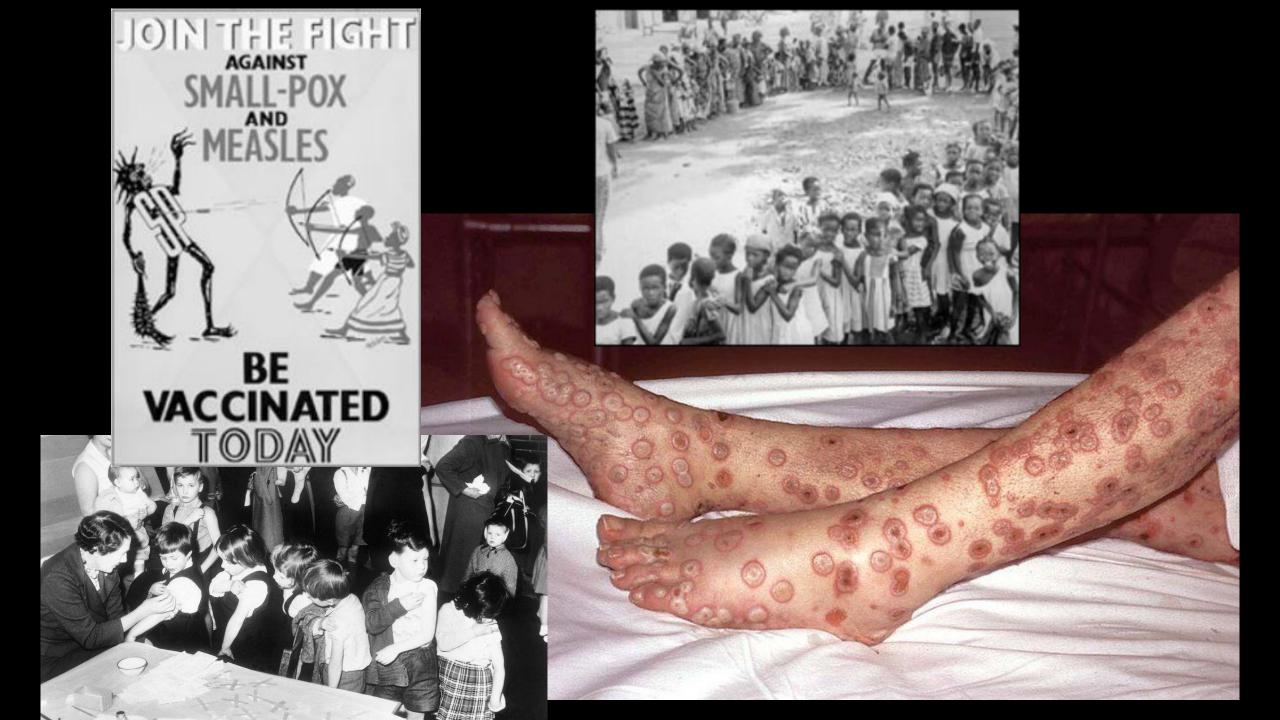


Thick smog obscured the mountains from downtown LA on September 17, 2019. The day before, you could see the mountains. Rebecca Harrington/Business Insider

We have done great thing at a global level...

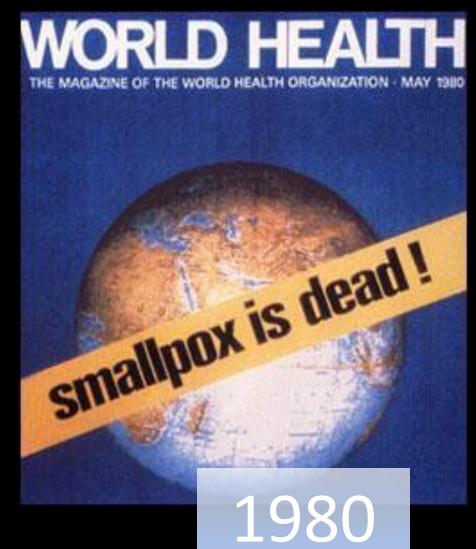












Systems Change



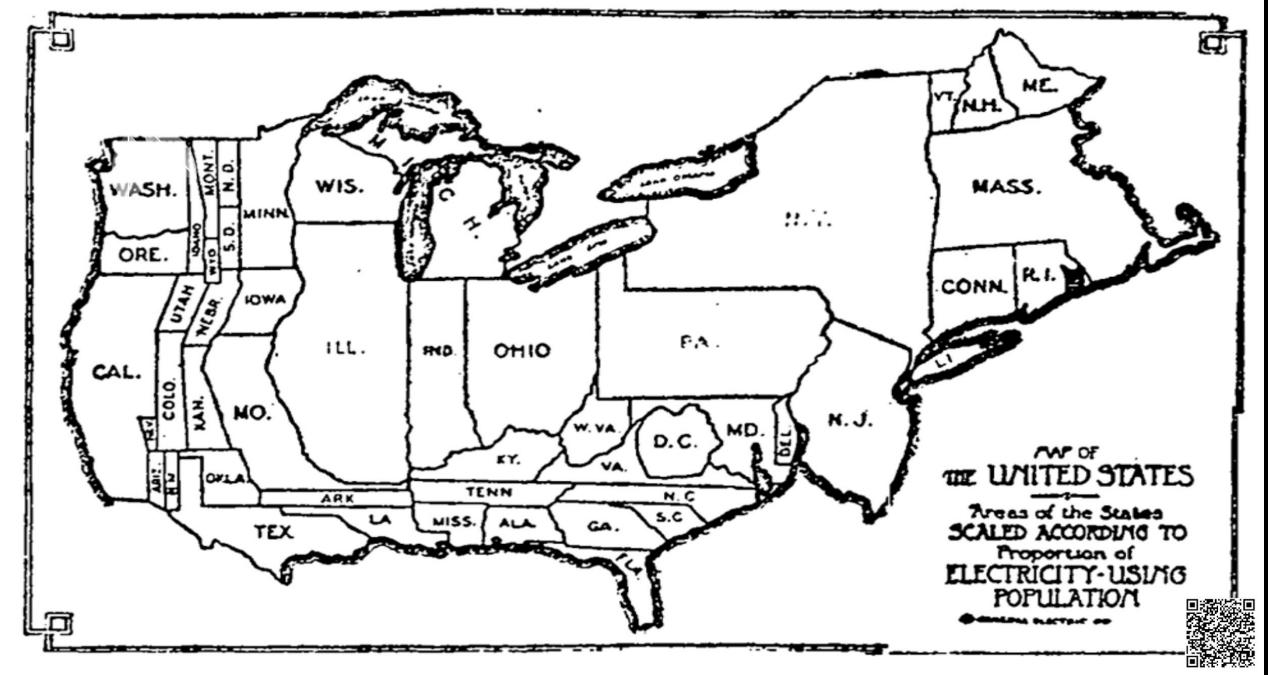
Centering structural changes in the most marginalized shifts the system for all.







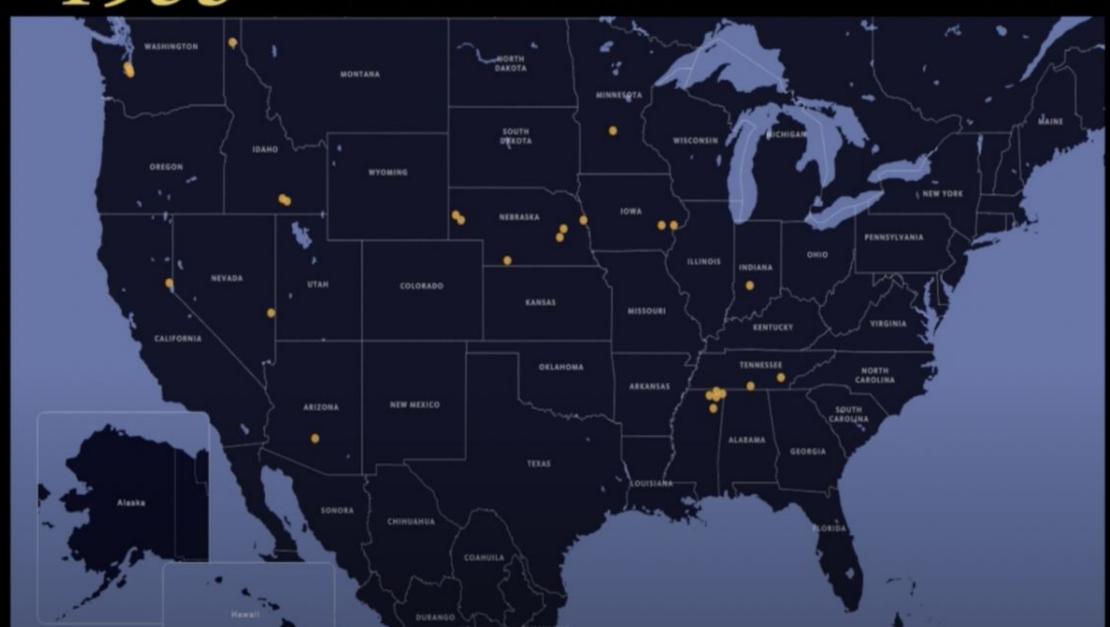




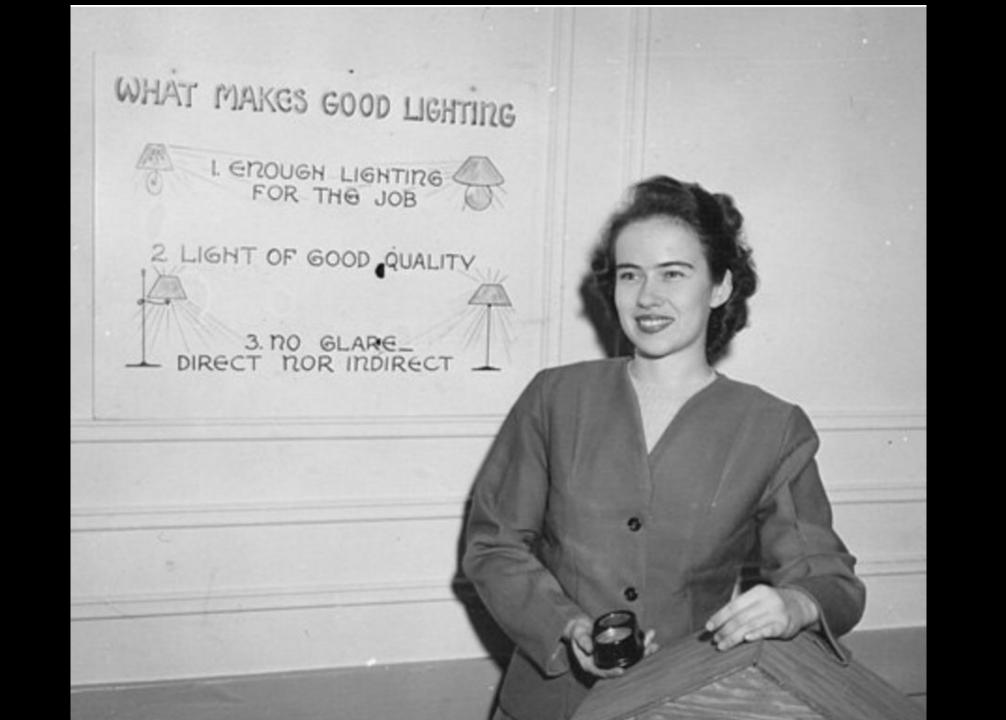
A 1921 cartogram based on access to central station power. (Photo courtesy General Electric)

Co-op Growth Over Time 35

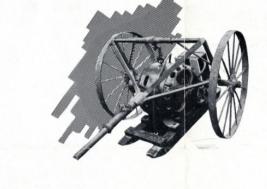
Eastern Iowa L & P Co-op











after season, every farm has heavy and tedious jobs which must be done. Such work soaks up energy and time. More, it soaks up money. The farmer needs strong, fast help that costs little. Electric power is the answer. . . . Cheap to start with, the more it is used, the cheaper it gets. Modern farmers know how electricity can be turned into dollars. Electric farm equipment has been proved by experience. It is labor saving, pocketbook filling. Look at the equipment on this page. Think of it on your farm . . . its saving, its ready power, its money - making possibili-

Day after day, season



FHE ELECTRIC BROODER.—For as little as ½ of 1 kilowatt-hour pe chick, a whole brood can be raised under a modern brooder.



THE ELECTRIC MILK COOLER.—Milk keeps sweet in a modern regulated dairy cooler; 1 kilowatt-hour will cool 10 gallons of milk a day.

MORE POWER TO THE FARMER

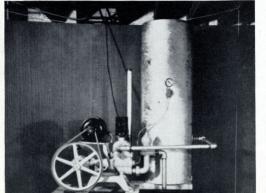
THE ELECTRIC MILKER.—It can milk 100 cows and never tire; it can milk 1 cow for an entire month for the cost of only 1½ kilowatt-hours.



THE ELECTRIC SAW.—It saws up a cord of wood for as little as the cost of 2 kilowatt-hours, saves arm ache, time and money.



THE ELECTRIC PUMP.—It fetches water without grumbling, can serve all needs of the farm and home for about 25 kilowatt-hours per month.



THE ELECTRIC GRINDER.—It grinds many tools to a keen cutting edge at great speed, making the farmer's work surer, quicker, easier.



Co-op Growth Over Time 58

Upper Missouri G&T Elec. Co-op



Equity, putting resources where they are needed most





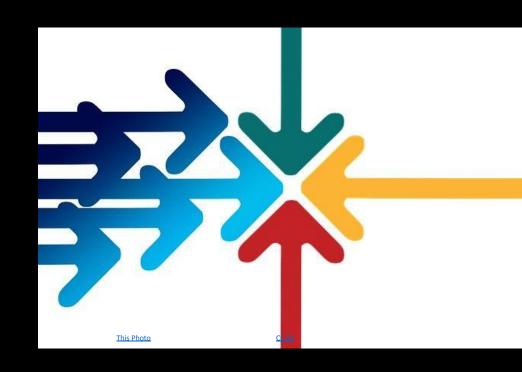
WE CAN MAKE EXCUSES OR WE CAN MAKE CHANGES, BUT WE CAN'T DO BOTH.

Systems Change

SUCCESSFULLY

Addressing these society-level challenges requires

- Understanding the Necessity of Action
- Collaborative and Multifocal Approaches
- Creation of Systems and Structures
- No Singular Leadership
- Persistent and Adaptive Efforts
- Successful Impact and Recovery
- Educative Process
- Importance of Sustaining Efforts



THESE events have in common demonstrate a complex interplay of necessity, collaboration, structural innovation, leadership diversity, persistence, adaptability, successful impact, continuous learning, and sustained effort.

Together, these attributes offer insights into how society-level challenges can be successfully addressed and corrected.

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Curious, what is one of the things you would like to have change?



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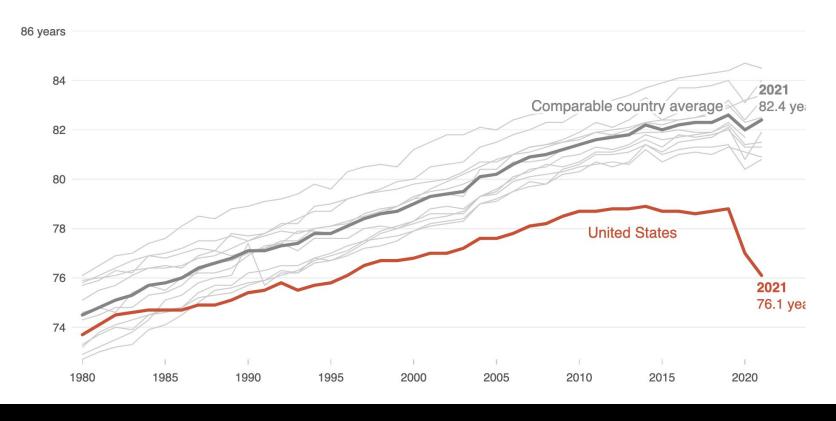
What do you see as some of the current barriers to systemic changes?

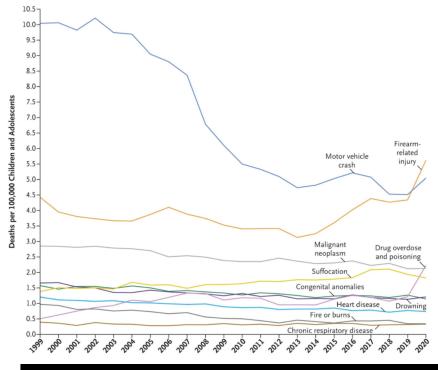


Deaths of Despair

Life expectancy continues to decline in the U.S. as it rebounds in other countries

Life expectancy around the world decreased in 2020 due to COVID-19. Most peer countries rebounded by 2021, while the U.S. continued to decline.







Look for the canaries in the coal mine

- 2019 over EIGHTEEN thousand
 White male suicide by gun deaths
- Six thousand Black on Black homicides



Key Take Home Points

The Stories we tell shape the world we create

Believe you can is the first necessary action

 Centering structural changes in the most marginalized shifts the system for all.

Nothing is fixed. Most things are fixable.

Last...The Stories we tell shape the world we create

https://youtu.be/ddG zH368LA?si=VKSDbM61RpfTI52Y

https://photos.app.goo.gl/XfmVdCEGM6M8Rmka6



Do mot be daumted by the emormity of the world's grief. Do justly, now. Love mercy, now. Walk humbly, now. You are not obligated to complete the work, but neither are you free to abandom it.



QUESTIONS? Crichlow@BU.edu



Four Minute Video of The Ladder

Questions?

Thank you!

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Audience Q&A