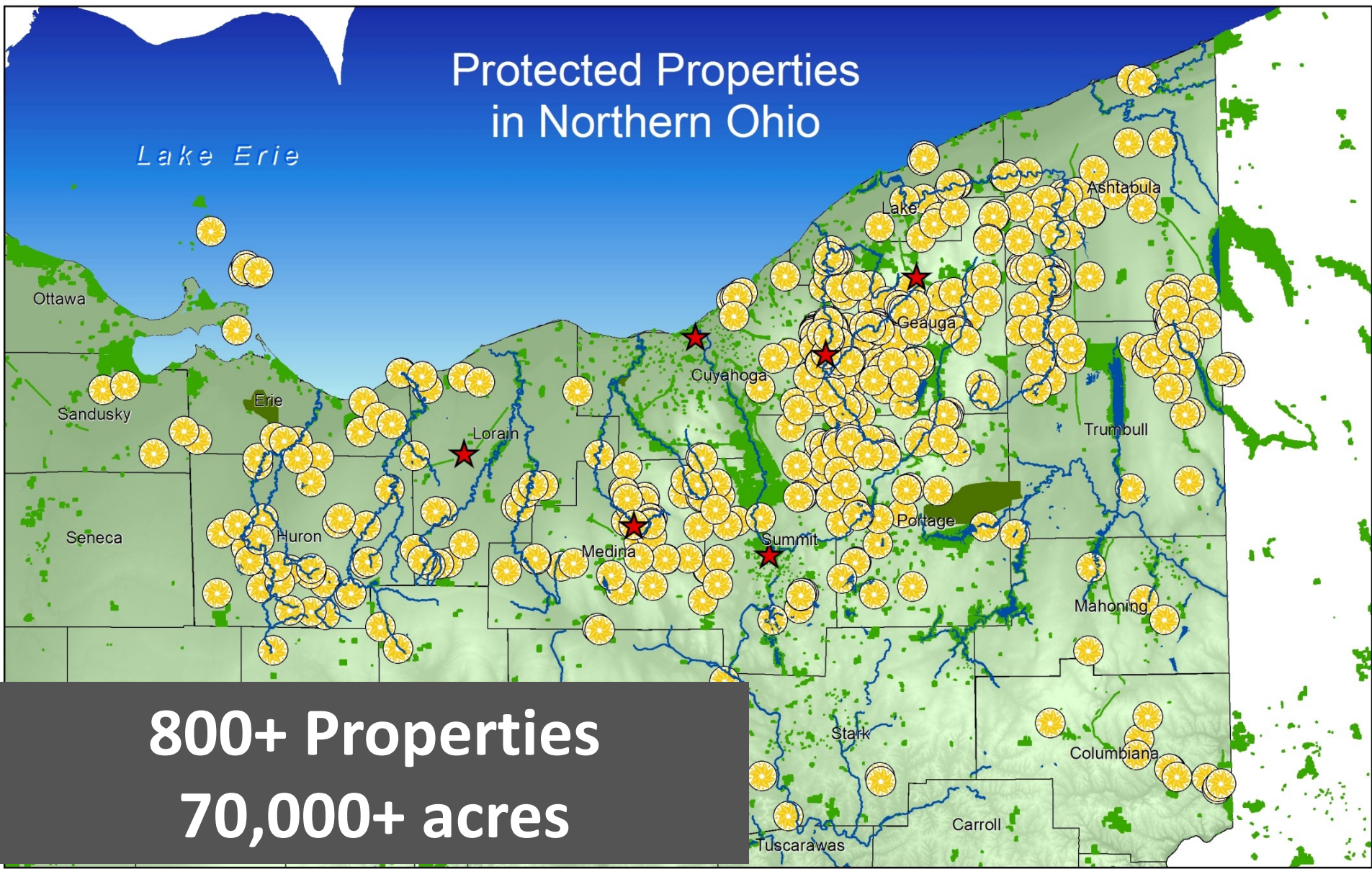


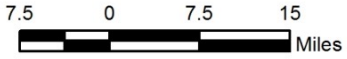
Sammy Time on Cinco de Mayo! Urban Revitalization Western Reserve Land Conservancy



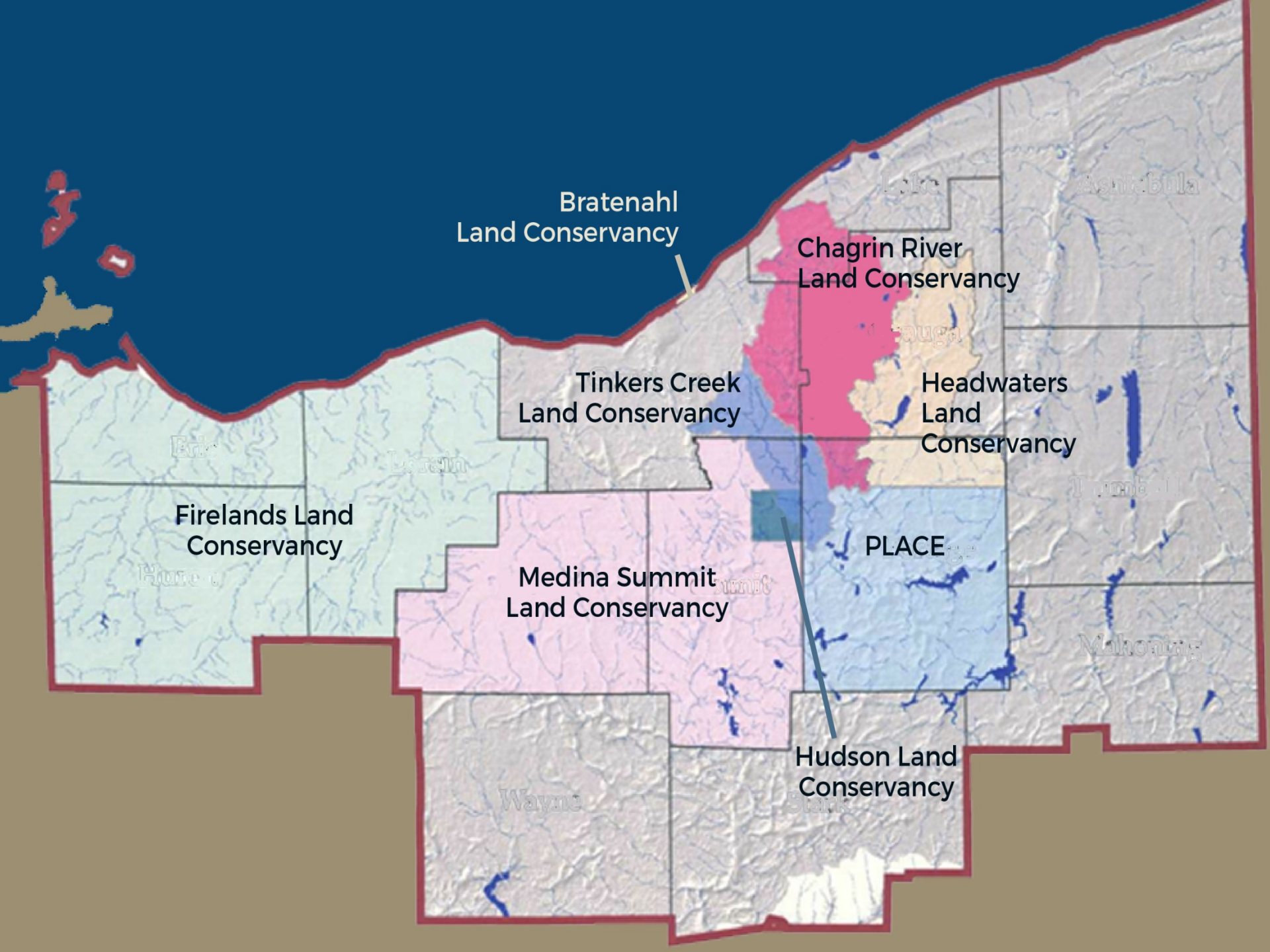
Protected Properties in Northern Ohio



800+ Properties
70,000+ acres



- Land Conservancy Protected Properties (centroids)
- Land Conservancy Offices
- Parks & Managed Areas
- Unprotected Federal Land
- Counties
- Lake Erie



Bratenahl
Land Conservancy

Chagrin River
Land Conservancy

Tinkers Creek
Land Conservancy

Headwaters
Land
Conservancy

Firelands Land
Conservancy

Medina Summit
Land Conservancy

PLACE

Hudson Land
Conservancy

From “Nice to Have” to “Essential”



Party like it's 1999





JUNETEENTH CELEBRATION

10 AM - Opening remarks
12 PM - Food & band begins
3:30 PM - Local hip hop performances

Khnemu Foundation Lighthouse Center
 966 E 105th Street
 Cleveland, OH 44108

SATURDAY
JUNE
19,
2021

10 AM
- 7 PM



Western Reserve
 Land Conservancy
land • people • community

**LOCAL
 MUSIC**
**EDUCATIONAL
 SPEAKERS**
FOOD

THANK YOU TO OUR SPONSORS!



COUNCIL MEMBER
Kevin Conwell
 WARD 9

LEAD SAFE
 RESOURCE CENTER

FOR MORE INFORMATION, CONTACT MELISSA AT
THEKHNEMULIGHTHOUSE@GMAIL.COM























Mitchell Schneider
Chair



Craig Owen White, Esq.
Vice Chair





Kevin Connor



Keymah Durden



Elizabeth B. Juliano

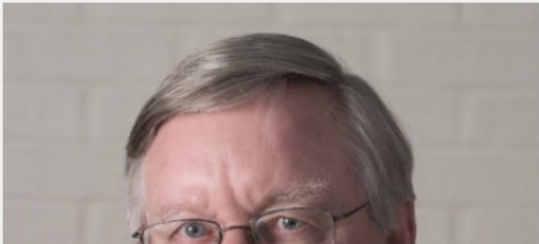




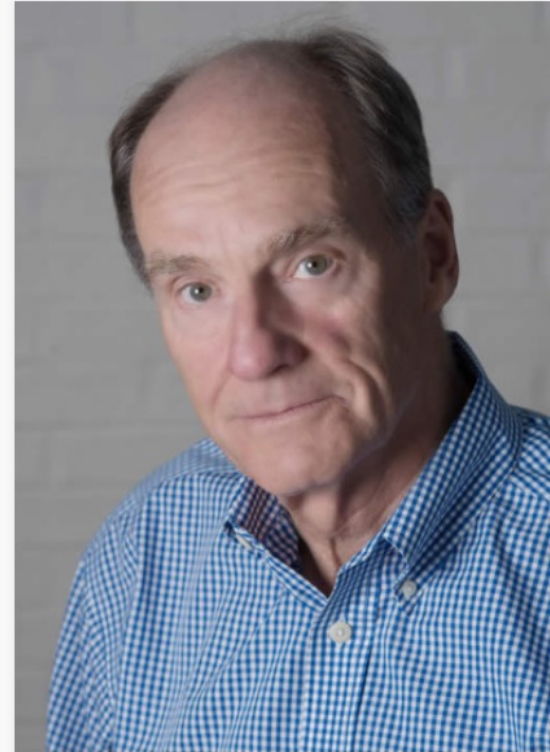
Ruben L. Holloway



J. Jeffrey Holland



Christopher D. Hess



Richard C. Hyde





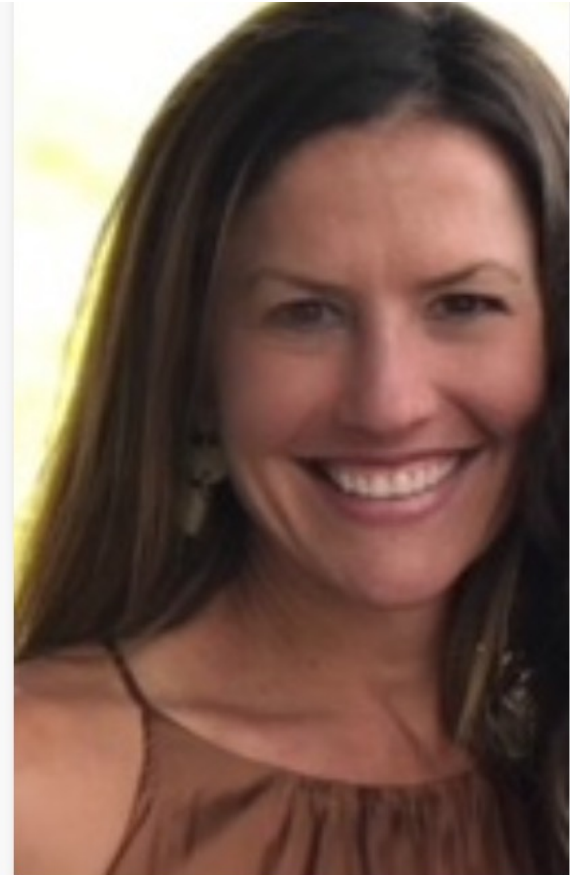
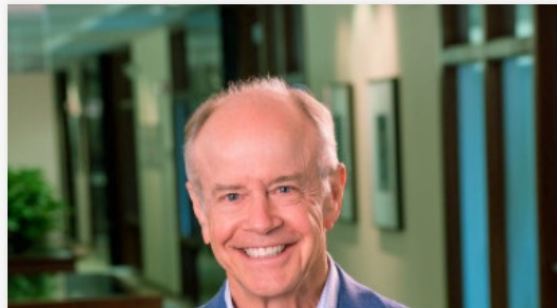
Christy Grimm Hill



Radhika Reddy



James C. Spira



Julie Visconsi

Natural Areas and Biodiversity





More than 180 Public Parks and Preserves

Prime Soils, Working Lands

Friction filled evolution! 2006 - 2009





The Land Conservancy's Sporting Circle

Veterans' Hunt



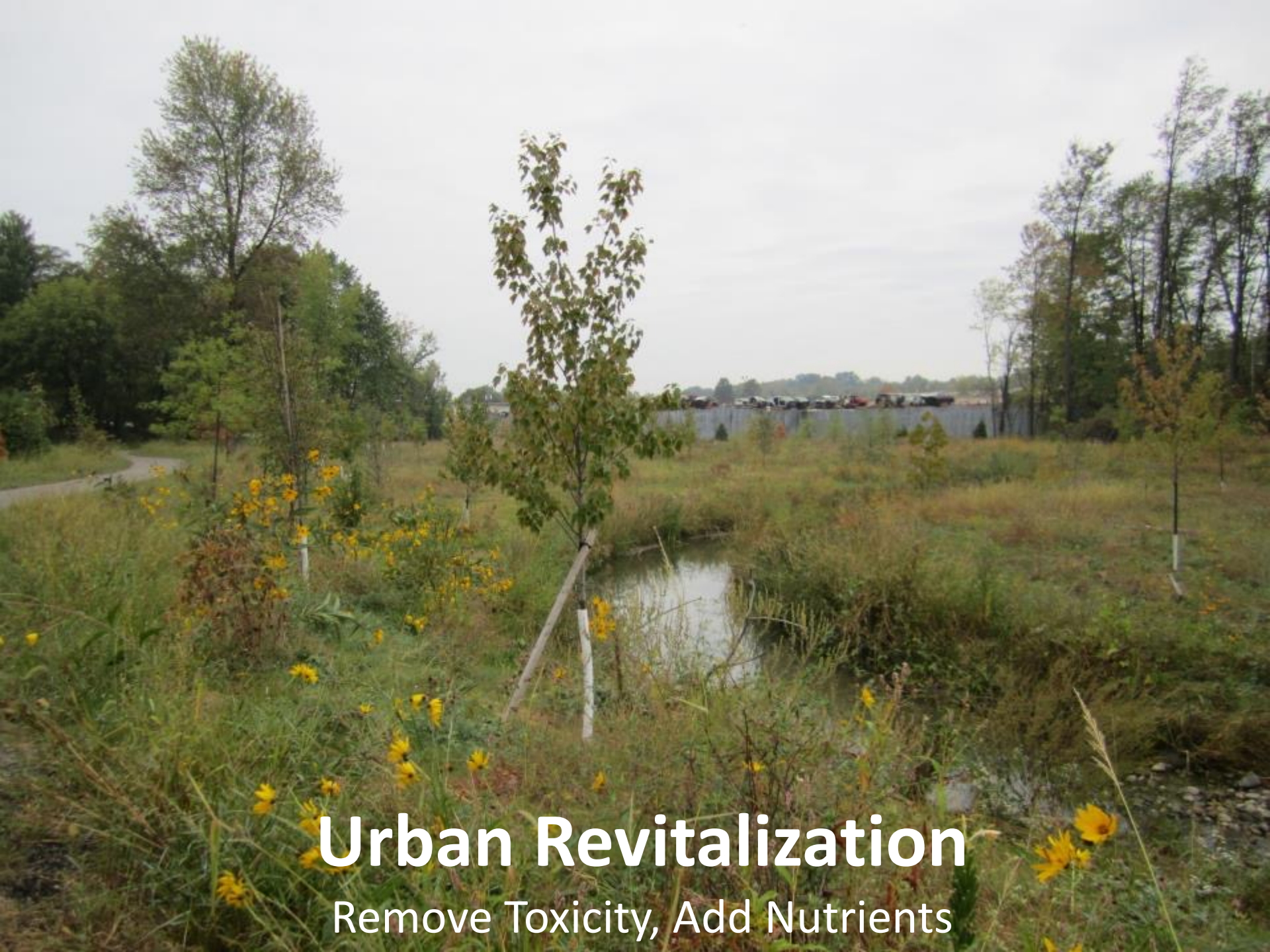
A gravel road stretches into the distance, lined on both sides with numerous American flags planted in the grass. In the foreground on the left, a sign with a red and white striped background and a blue field with white stars at the bottom reads "THANK YOU To Our VETERANS". The scene is set in a wooded area with green trees and a cloudy sky.

**THANK
YOU
To Our
VETERANS**

Urban Revitalization

Removal of Abandoned Homes





Urban Revitalization

Remove Toxicity, Add Nutrients

From Blighted to Thriving!







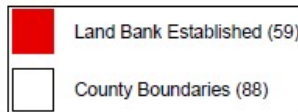
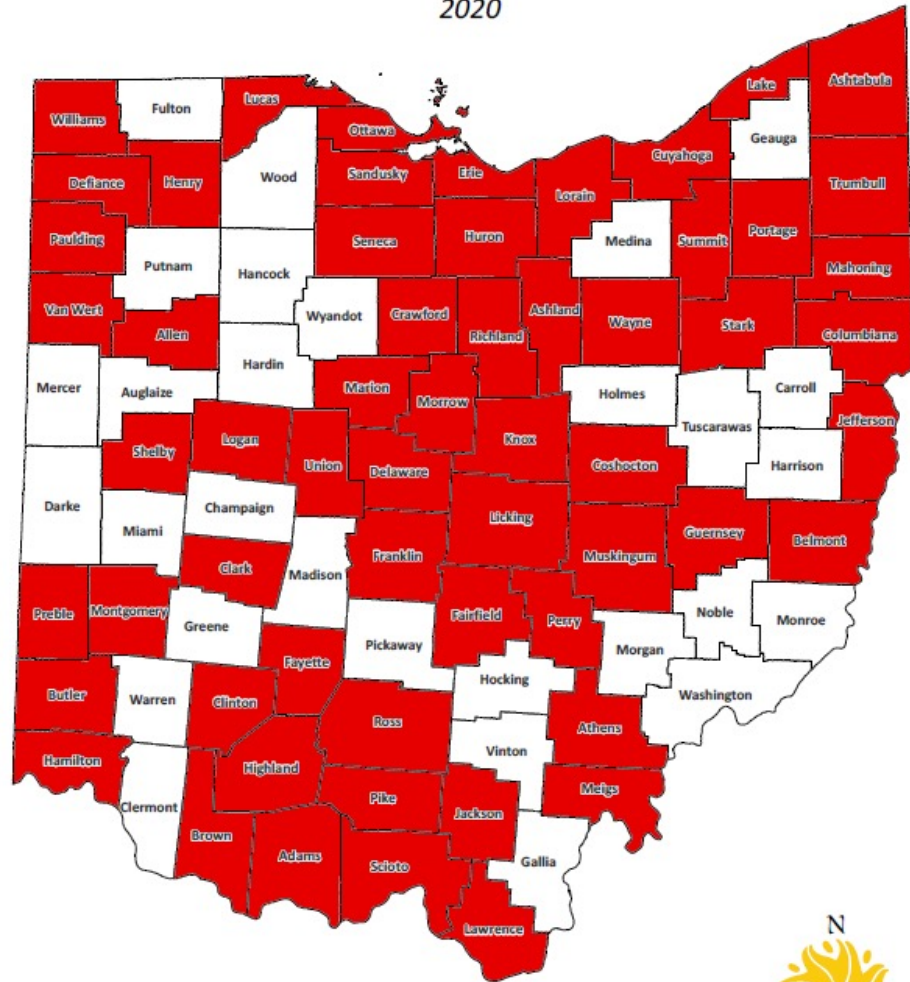
Policy & Advocacy

Raised more than \$950 million for Ohio's land banks

OLBA
Clean OH
CTC
COLT
BEL

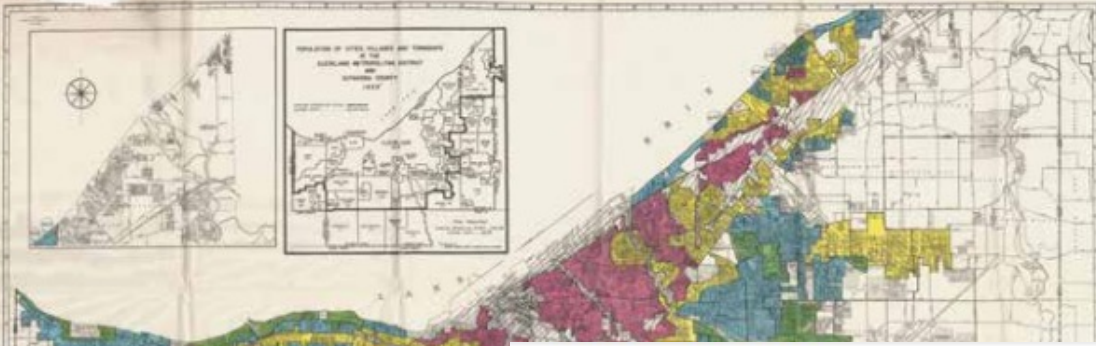
OHIO COUNTY LAND BANKS

2020








Western Reserve
Land Conservancy
land • people • community


DEIJ: Legacy of redlining, racism, disinvestment

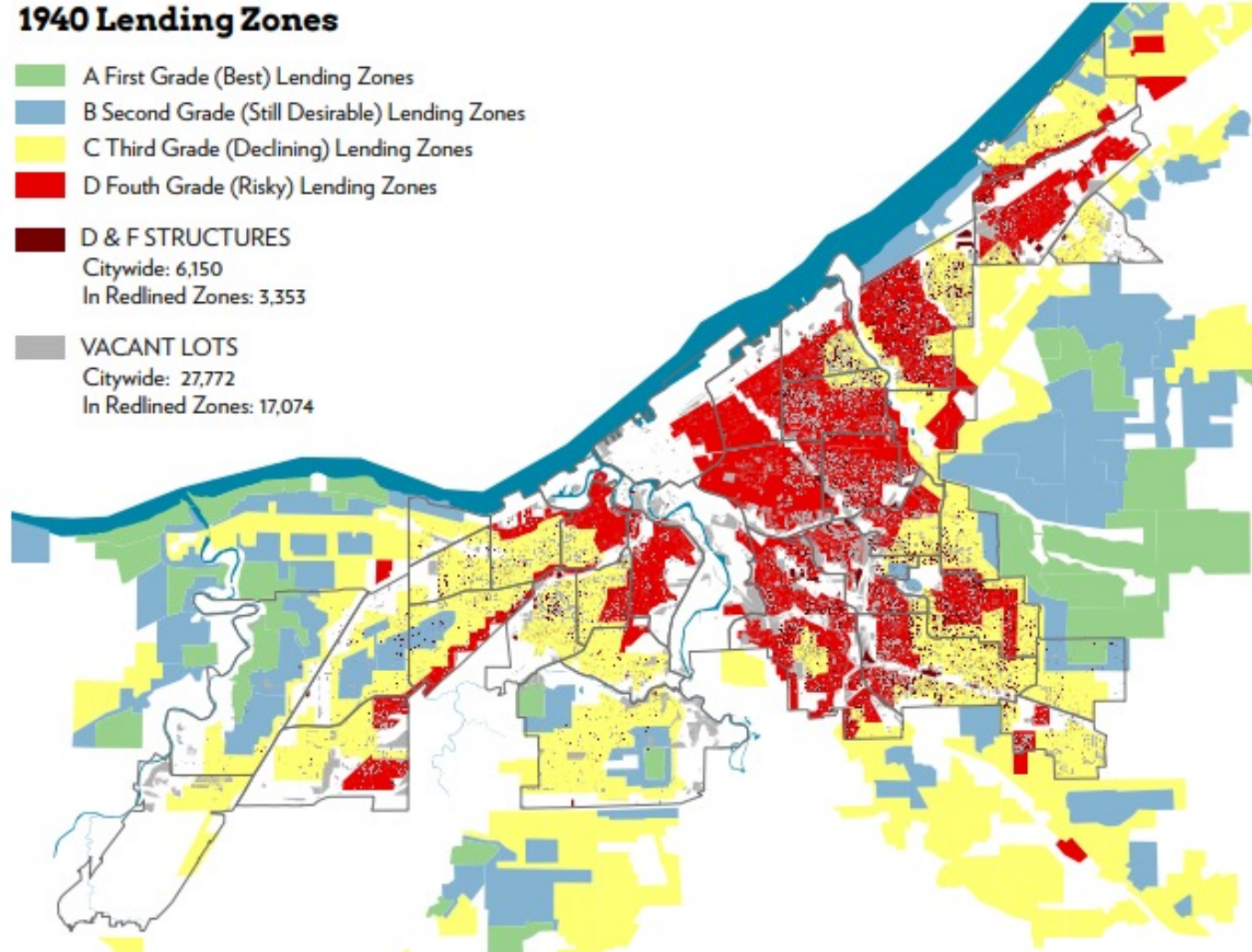


1940 Lending Zones

-  A First Grade (Best) Lending Zones
-  B Second Grade (Still Desirable) Lending Zones
-  C Third Grade (Declining) Lending Zones
-  D Fourth Grade (Risky) Lending Zones

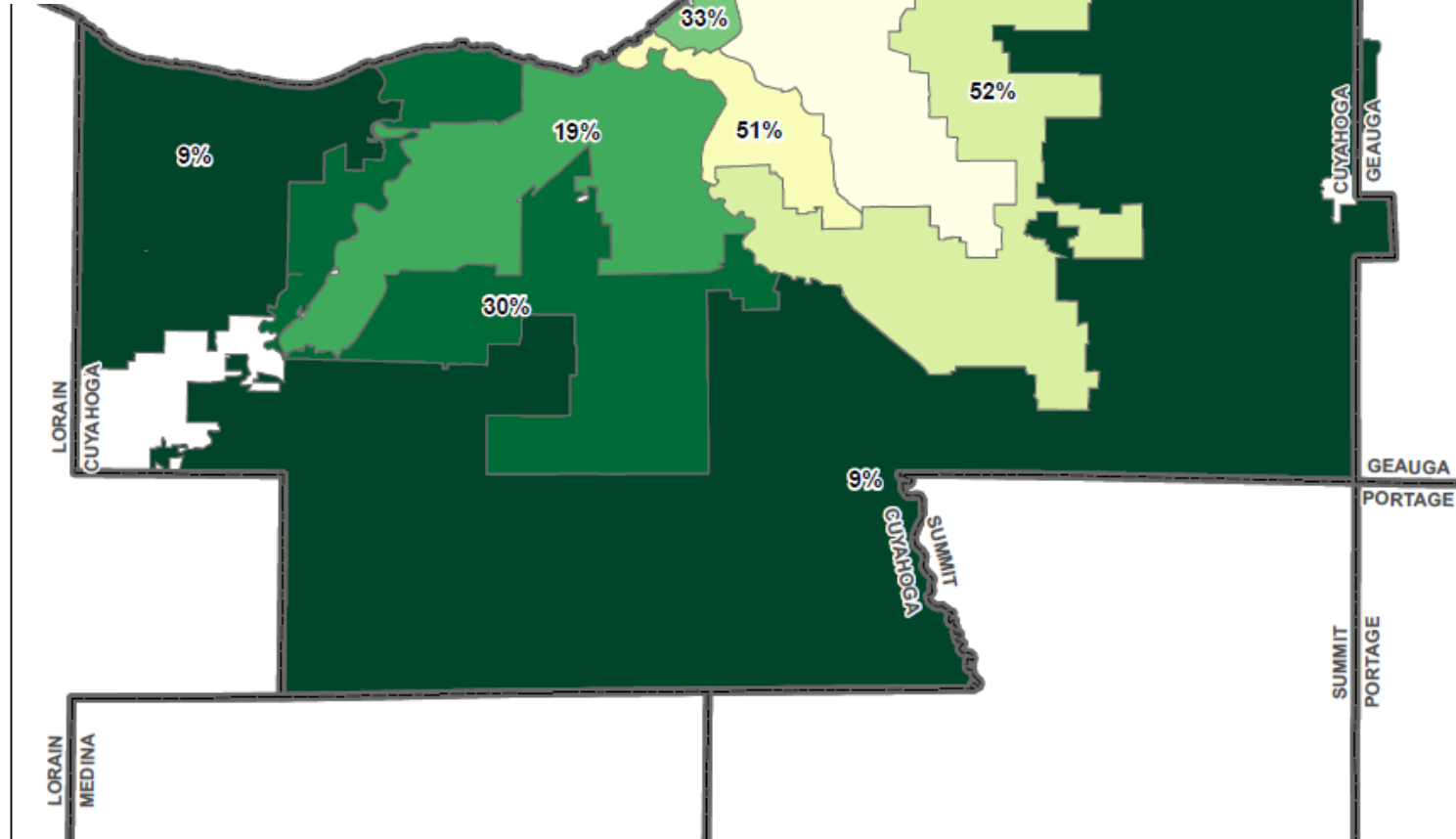
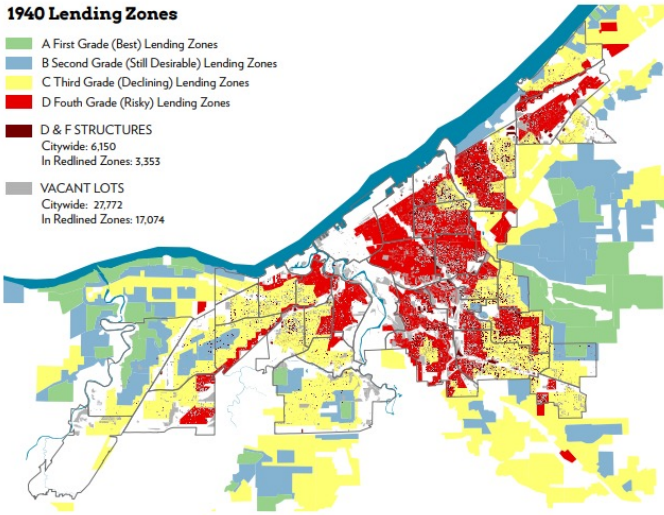
 D & F STRUCTURES
Citywide: 6,150
In Redlined Zones: 3,353

 VACANT LOTS
Citywide: 27,772
In Redlined Zones: 17,074



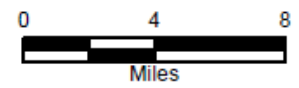
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Clean Ohio Funding and % African American Population

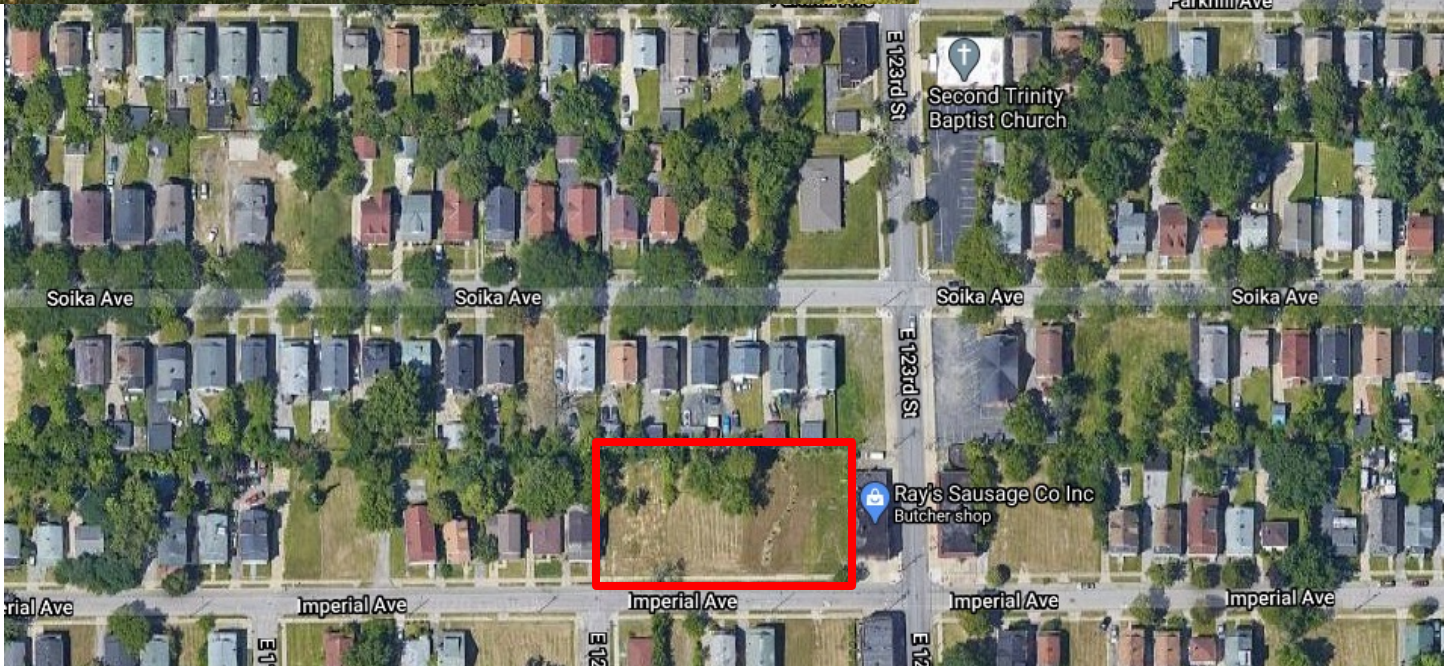
- East Side Cleveland
\$0
- South Side Cleveland
\$947,790
- East Inner Suburb
\$2,369,402
- Downtown/Flats
\$5,041,385
- West Side Cleveland
\$5,118,848
- West Inner Suburb
\$7,726,716
- Outer Suburb
\$25,483,982
- County Boundaries



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Healing, Restoring, Transforming Places, People, and Communities of People







<https://youtu.be/mosiWeon8so>



The foundation of our Theory of Change

Two laws of nature, of biology, govern us all

1. All living things are a reflection of their environment, not of an emergent innate property
2. All living things move away from toxins and towards nutrients if they can

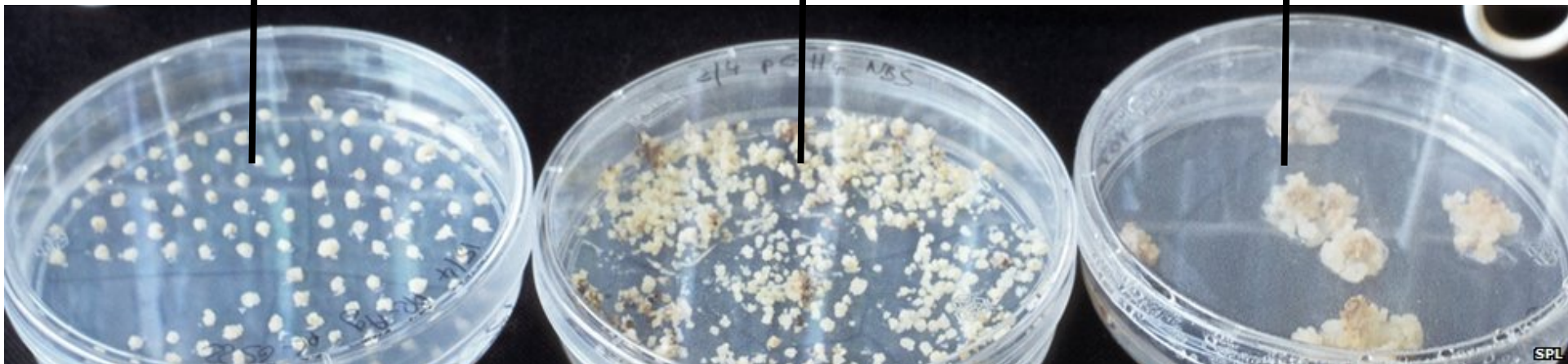
At the microscopic organism level

1972 Stem Cell research: genetically identical daughter cells manifest differently. Only difference was each petri dish provided a different culture medium or environment.

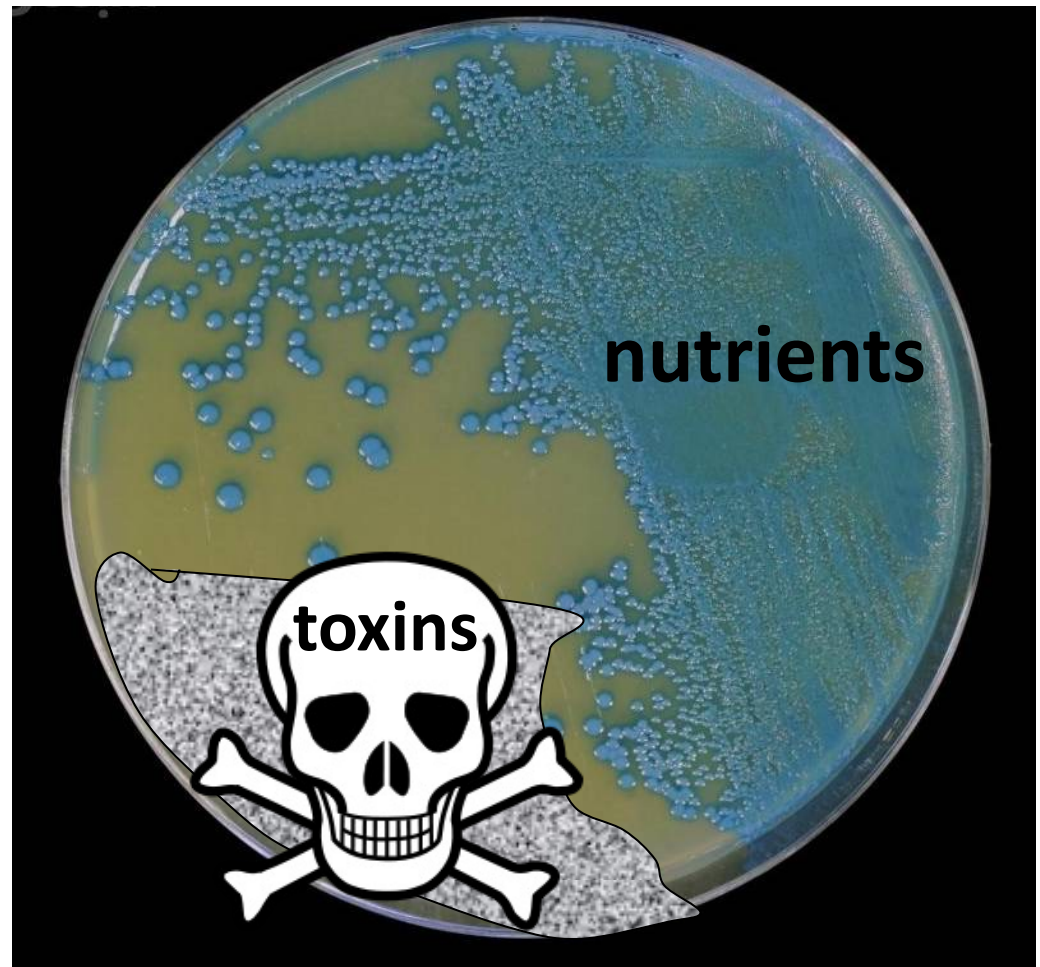
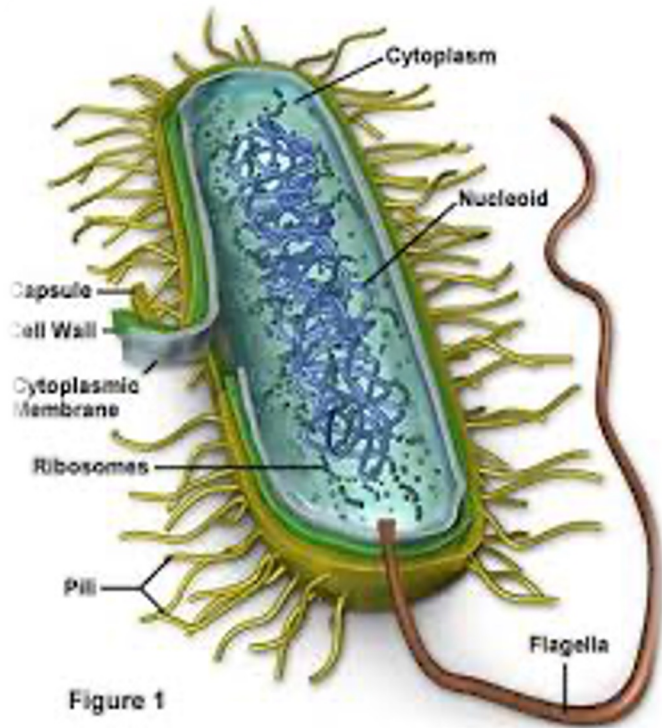
Muscle

Bone

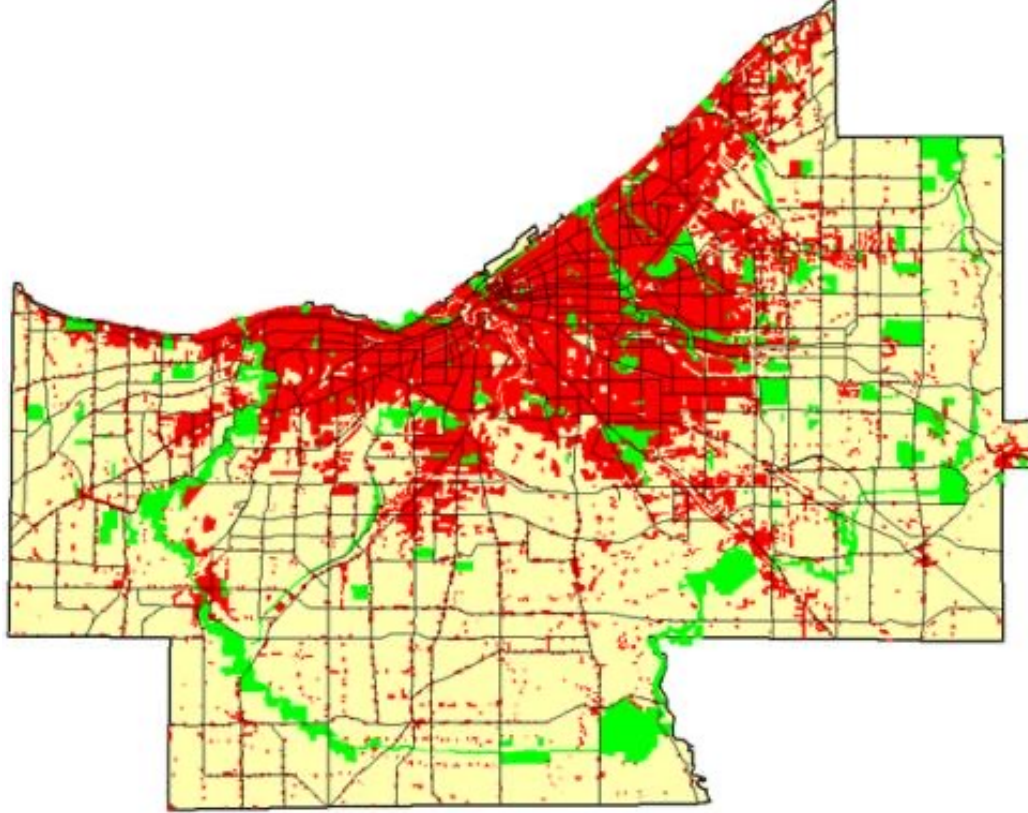
Fat



All living things move away from perceived toxicity and towards perceived nutrients, if they can

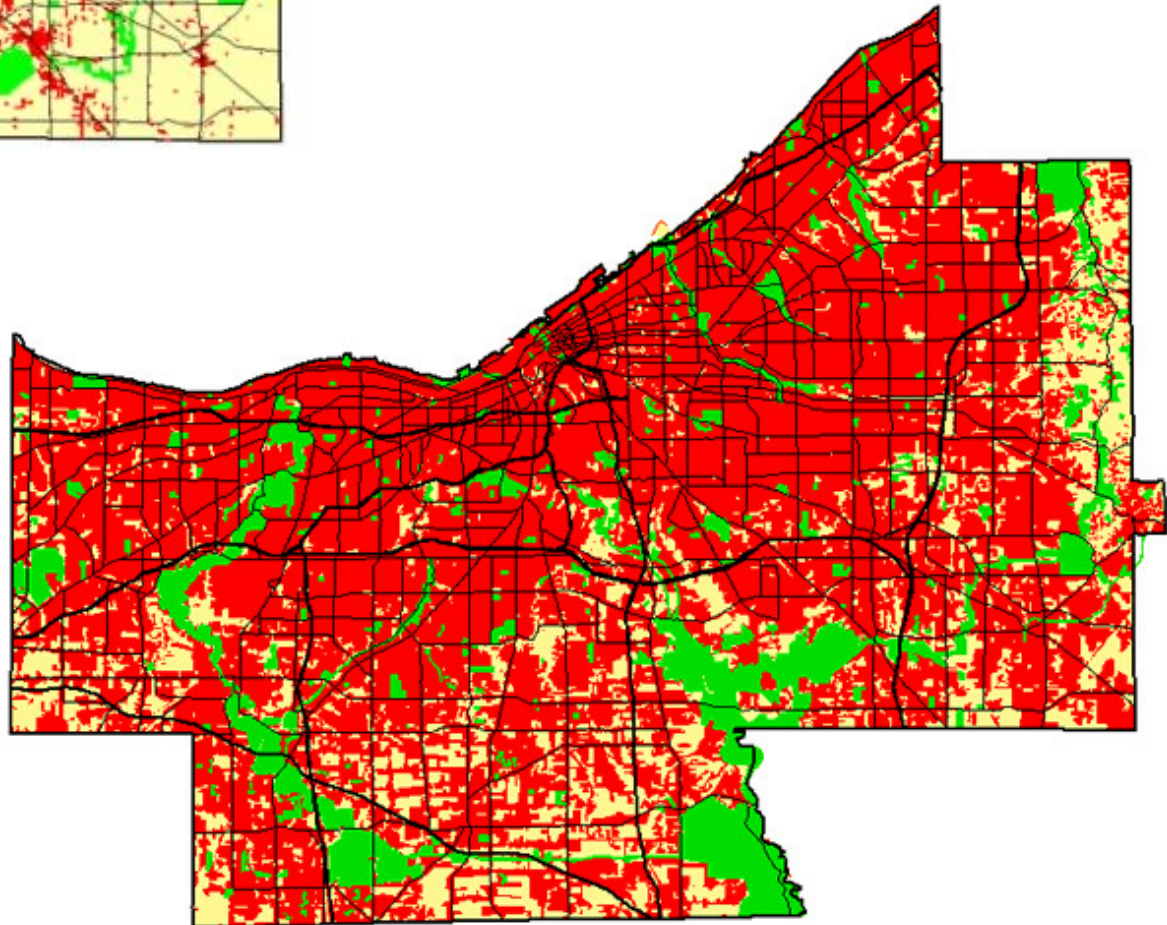


Cuyahoga County 1950 to Today



Cleveland:
950,000 to 380,000

Cuyahoga County:
1.4 million to 1.25
million



“Man shapes himself through decisions that shape his environment.”



“In the absence of relative environmental equity, we will never have human equality.”



So what is the secret? How do we design and maintain healthy, prosperous cities?



Parks are vital to the health of cities.
Thousands of studies have shown this over decades.

“A clear fault line begins at upper 16th street NW and follows the Potomac south”

The Washington Post

Tree canopy's density indicates wealth of D.C. neighborhoods

By Annie Gowen and Ted Mellnik, April 25, 2013



[View Photo Gallery](#) - : Tree planting in D.C.'s less-green neighborhoods: As organizations...

There's a surprisingly telling barometer of income disparity in the Washington region that rarely arises in conversations about the haves and have-nots.

Trees.

A clear fault line that begins at upper 16th Street in Northwest and follows the Potomac River south of the city separates leafy neighborhoods from communities with fewer trees, data on the region's tree canopy compiled by the University of Vermont's Spatial Analysis Laboratory and

Health & Science

Spring 2013

Urban Jungle

The changing natural world at our doorsteps | Illustration and text by Patti

A study in February's American Journal of Preventive Medicine showed that deaths from cardiovascular and lower respiratory illnesses rose as ash trees vanished. The study found that EAB's effects can be linked to more than 21,000 deaths — an additional 24 deaths per 100,000 people every year, a 10 percent increase in mortality for those diseases.

May 14, 2013

The emerald ash

A metallic-green beetle has a threat to ash trees — and the near them.

That is the conclusion drawn studying the devastating effects of the emerald ash borer (EAB) in the United States. The exotic invasive beetle, first detected in Michigan in 2002, has laid waste to more than 100 million ash trees in at least 15 states, including Maryland and Virginia. The insect's larvae feed on the inner bark of all 22 species of native ash trees, killing almost every tree infested within two to five years. The United States has about 7.5 billion ash trees. In some forests, more than half the trees are ash.

Tree loss leads to dramatic increase in human mortality



Originally published August 13, 2014 at 10:20 PM | Page modified August 13, 2014 at 10:23 PM

A fight for urban trees: Seattle's wealthier neighborhoods leafier

Trees can increase property value, benefit the environment and even lift people's mood and improve human health. Yet lower-income neighborhoods in Seattle tend to have fewer trees.

By [Lynda V. Mapes](#) and [Justin Mayor](#)*Seattle Times staff reporters*



The benefits of trees — from their grace and beauty to their gifts of cool, clean air and stress relief — are well-known and documented in study after study. Yet as the city grows, it is struggling to hold onto its trees, especially in poorer areas.

Seattle's wealthiest neighborhoods are also its leafiest, a Seattle Times analysis shows.

On a recent hot summer day, brothers Stanley and Kenneth Mason were eating cherry pie under the cover of enormous bigleaf maples at their house in the Rainier Valley.

"We have the best spot on the lot," Kenneth Mason said. "We love our trees. When we are up here, it is quiet and peaceful. I love the shade and I know they are providing clean oxygen for me to breathe. They keep my air fresh."

Share:

 206 104 Comments E-mail article Print

◀ PREV 1 of NEXT ▶



DEAN RUTZ / THE SEATTLE TIMES

The remainder of this American elm in Seattle's Rainier Valley, Heritage Tree No. 121, is a far cry from what it looked like in the photo, left, taken in 2007. It was cut last month, the resident of the lot said, because it had become a hazard and its roots caused sewer backups.

GROWING UP IN GREEN SPACES BOOSTS CHILDREN'S IQS, CLAIMS STUDY




Children with greater access to green spaces were found to have higher IQs in new research. - Copyright Getty via Canva



Children who are raised in greener environments have higher IQs, according to a new study in Belgium.

Researchers at Hasselt University analysed over 600 children aged 10-15 from different areas and found that there is a direct correlation between IQ and access to nature. Just a three per cent increase in the greenness of a child's neighbourhood raised their IQ score by 2.6 points on average.



Cleveland

Today, 'the forest city' is denuded

CURRENT TREE CANOPY

- City of Cleveland – 18%
- Cuyahoga County – 35%

Cuyahoga County Tree Canopy by Municipality

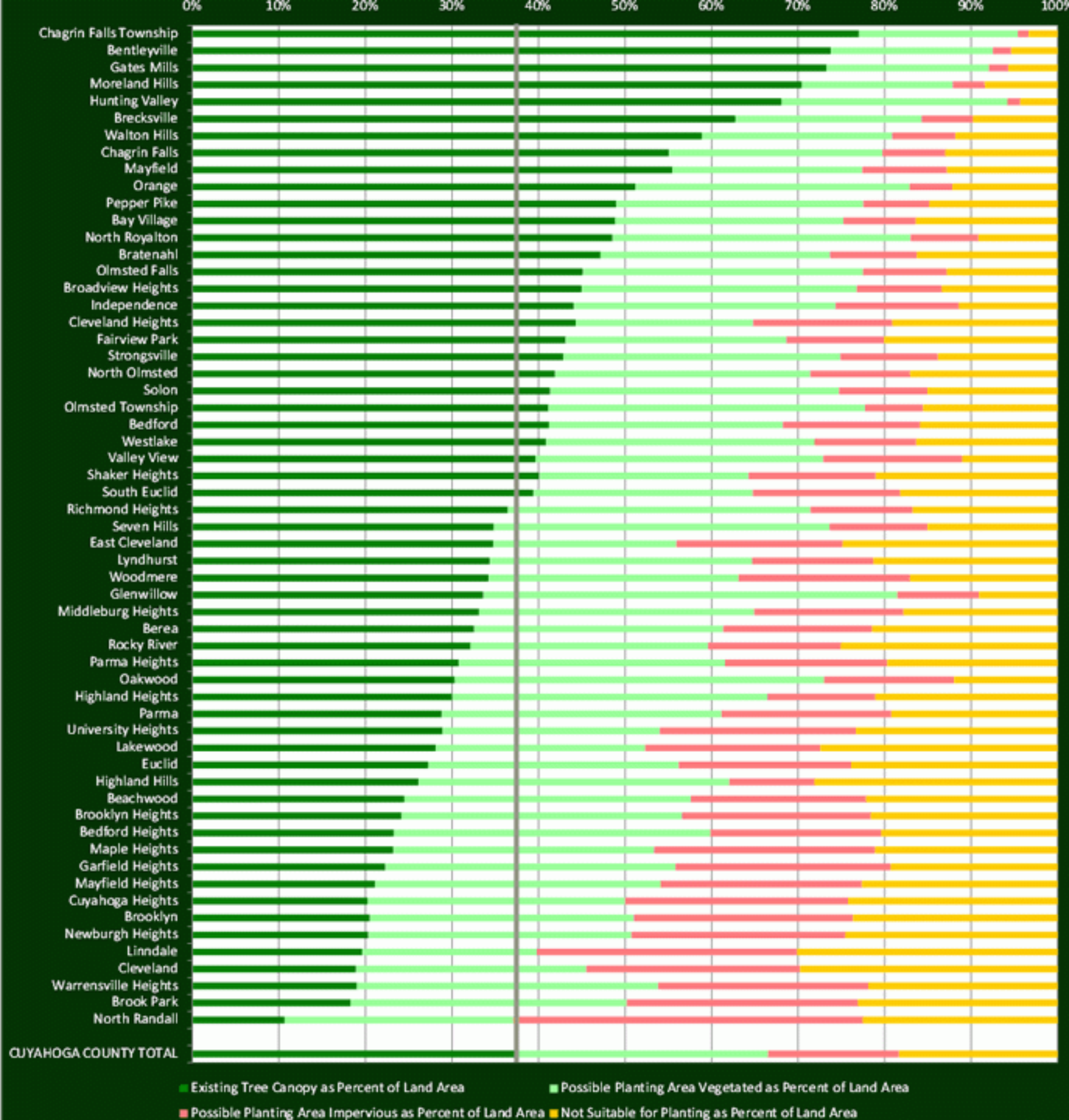
Top 5:

- Chagrin Falls 77%
- Bentleyville 74%
- Gates Mills 73%
- Moreland Hills 70%
- Hunting Valley 70%

Every city could
achieve 40% - 70%
Tree Canopy

Bottom 5:

- North Randall 10%
- Brook Park 18%
- Warrensville Hts 18%
- Cleveland 18%
- Linndale 19%



Existing Tree Canopy as Percent of Land Area
Possible Planting Area Vegetated as Percent of Land Area
Possible Planting Area Impervious as Percent of Land Area
Not Suitable for Planting as Percent of Land Area



Euclid

Cleveland He

Cleveland, OH, USA

Cleveland

Lakewood

Westlake

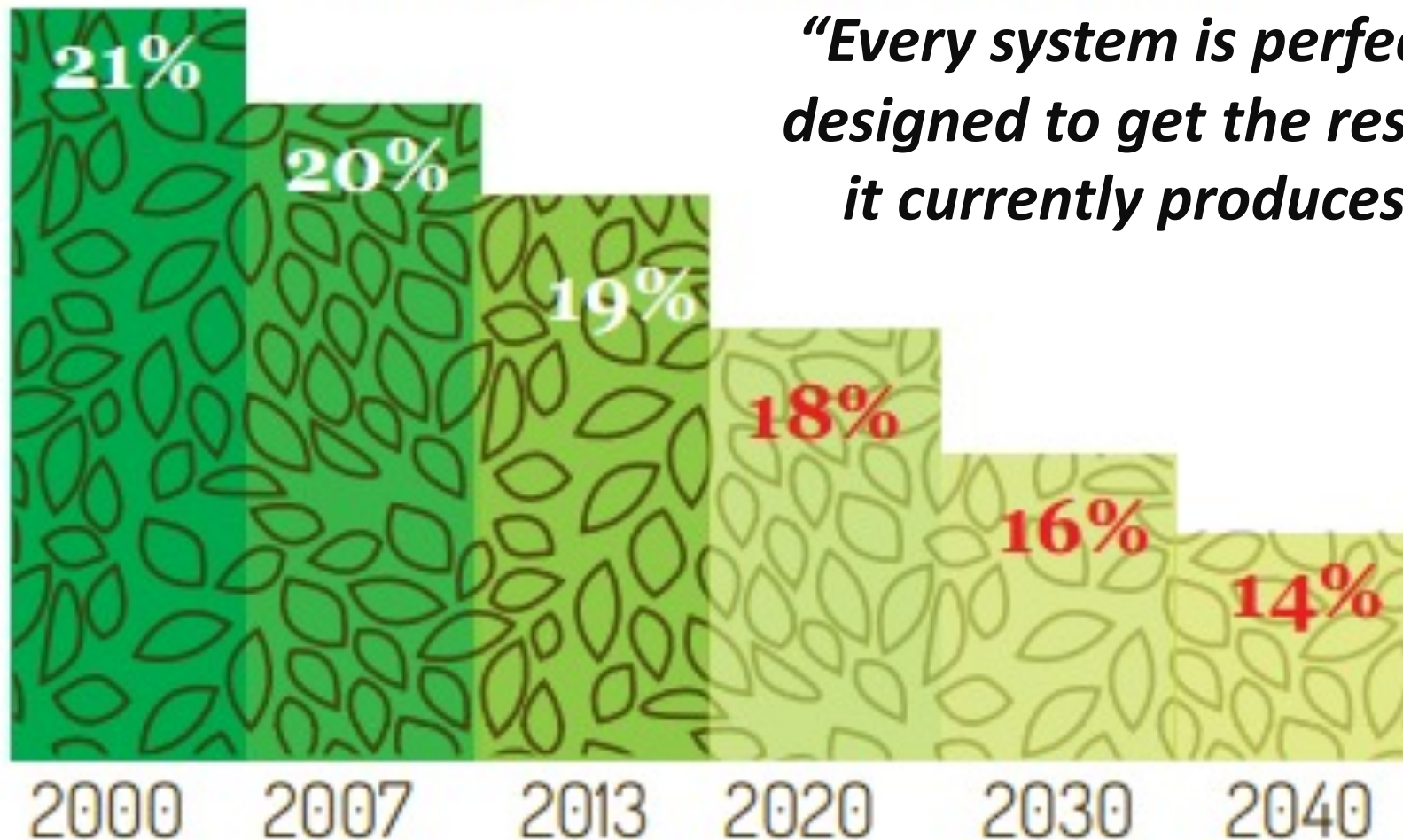
Cuyahoga

Parma

Bedford S

CLEVELAND FUTURE CANOPY ESTIMATES

- Past UTC from iTree canopy Analysis
- Future Canopy Projection - Business as Usual Scenario



“Every system is perfectly designed to get the results it currently produces.”

TABLE ONE CLEVELAND FUTURE CANOPY ESTIMATES

Table 6. Tree Canopy Cover and Socio-Economic Factors by Cleveland Neighborhood

| NEIGHBORHOODS | Population Statistics | | | | | High Need |
|-------------------------|-----------------------------------|------------------------|----------------------|-----------------------------------|----------------------------------|---------------------------------|
| | | | | | | Moderate Need |
| | | | | | | Low Need |
| | Population Density (pp per sq mi) | % Populations of Color | % Elderly Population | Population with Asthma (Avg. 12%) | Cardiovascular Disease (Avg. 9%) | 2017 Canopy Cover (Average 18%) |
| Bellaire-Puritas | 5,099 | 40% | 13% | 11% | 9% | 14% |
| Broadway-Slavic Village | 4,604 | 57% | 10% | 13% | 9% | 18% |
| Brooklyn Centre | 8,174 | 39% | 8% | 11% | 8% | 23% |
| Buckeye-Shaker Square | 9,804 | 85% | 18% | 12% | 8% | 23% |
| Buckeye-Woodhill | 7,490 | 93% | 18% | 13% | 10% | 23% |
| Central | 5,309 | 93% | 7% | 15% | 11% | 12% |
| Clark-Fulton | 10,692 | 41% | 9% | 11% | 9% | 17% |
| Collinwood-Nottingham | 4,024 | 89% | 12% | 13% | 9% | 13% |
| Cudell | 11,093 | 51% | 8% | 12% | 8% | 15% |
| Cuyahoga Valley | 1,172 | 53% | 6% | 10% | 5% | 5% |
| Detroit Shoreway | 6,807 | 35% | 10% | 11% | 9% | 16% |
| Downtown | 4,292 | 48% | 4% | 10% | 5% | 4% |
| Edgewater | 8,459 | 38% | 13% | 9% | 6% | 25% |
| Euclid-Green | 4,633 | 96% | 18% | 13% | 9% | 35% |
| Fairfax | 2,432 | 97% | 19% | 14% | 12% | 17% |
| Glenville | 6,132 | 98% | 16% | 13% | 10% | 25% |
| Goodrich-Kirtland Pk | 2,500 | 63% | 14% | 10% | 9% | 8% |
| Hopkins (Airport) | 1,238 | 34% | 12% | 11% | 7% | 8% |
| Hough | 7,047 | 95% | 16% | 14% | 12% | 23% |
| Jefferson | 5,910 | 31% | 12% | 11% | 8% | 16% |
| Kamm's | 4,114 | 14% | 15% | 9% | 6% | 30% |
| Kinsman | 3,834 | 98% | 13% | 14% | 11% | 21% |
| Lee-Harvard | 6,460 | 98% | 26% | 12% | 11% | 18% |
| Lee-Seville | 3,867 | 98% | 22% | 13% | 11% | 18% |
| Mount Pleasant | 6,403 | 50% | 18% | 13% | 10% | 21% |

Kamm's: "Historically a predominantly white neighborhood with a significant Irish Catholic population, Kamm's has diversified somewhat since 1990, with **AFRICAN AMERICAN** and **HISPANIC** populations that stand currently at 5.1% and 6.6% respectively."

Central is formerly redlined and is 93% black.

#TeamworkMakesTheDreamWork



#ReForestOurCity



Western Reserve
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CLEVELAND
TREE COALITION



BLACK
ENVIRONMENTAL
LEADERS



Cleveland Metroparks



HOLDEN
FORESTS &
GARDENS

THE
TRUST
FOR
PUBLIC
LAND



Northeast Ohio
Regional Sewer District



Cleveland
Neighborhood
Progress



Environmental Health Watch

Connecting kids with nature, stealthily



- On their way to school
- On their way to grandma's
- On their way to the store
- On their way to the playground
- We need to design neighborhoods that nurture them 24/7



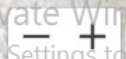
NO PARKING ANY TIME

Ohio Columbus
Lynchburg
Pharmaceutical

MOV 2, 011 2 011



2D



Activate Windows
Go to Settings to activate Windows.



2205 Cottage Grove Ave Cleveland Heights, Ohio



2887 Broxton Rd Shaker Heights, Ohio



Broxton Rd

Life expectancy in Northeast Ohio differs dramatically by neighborhood



By: Olivia Fecteau

Posted at 5:23 PM, Dec 09, 2019 and last updated 4:09 PM, Dec 10, 2019

CLEVELAND — A new [report](#) from the Center for Community Solutions shows there's a big disparity among parts of Northeast Ohio when it comes to life expectancy.

The report noted that people in a census tract that covers parts of Cleveland's Buckeye-Woodhill and University Circle neighborhoods have a life expectancy of 65.4 years, while people in a census tract two miles away, covering parts of Shaker Heights, can expect to live more than 23 years longer.

Shaker Heights 40% tree canopy
Cleveland 18%

The secret of your future is hidden in your daily routine



The “charitable
mindset” trap

Reciprocal


Authentic

Relationships not
Transactions

This is forever work

This is true in any
context – not about race





“In the long history of
humankind (and animal kind
too), those who learned to
collaborate and improvise most
effectively have prevailed.”

Charles Darwin



Diversity is not only about race; it is about Culture, Class, Race, etc.

Natives and Bridgers

Culture creation at staff and board level – benefit of the doubt,
acceptance of all





East End Neighborhood House

Your Community Park

The Ubuntu Gathering Place

Coming Soon



I AM BECAUSE WE ARE THEREFORE I AM.
UBUNTU GATHERING PLACE
EAST END NEIGHBORHOOD HOUSE



I AM BECAUSE WE ARE THEREFORE I AM.
UBUNTU GATHERING PLACE
EAST END NEIGHBORHOOD HOUSE



I AM BECAUSE WE ARE THEREFORE I AM.
UBUNTU GATHERING PLACE
EAST END NEIGHBORHOOD HOUSE


Not Either/Or but rather And/Both



We still party like it's 1999







“It is not the strongest of the species
that survives, nor the most
intelligent, but the one most
responsive to change.”

Charles Darwin



Why? IMPACT



In the absence of relative environmental equity, we will never have human equality.

If time...

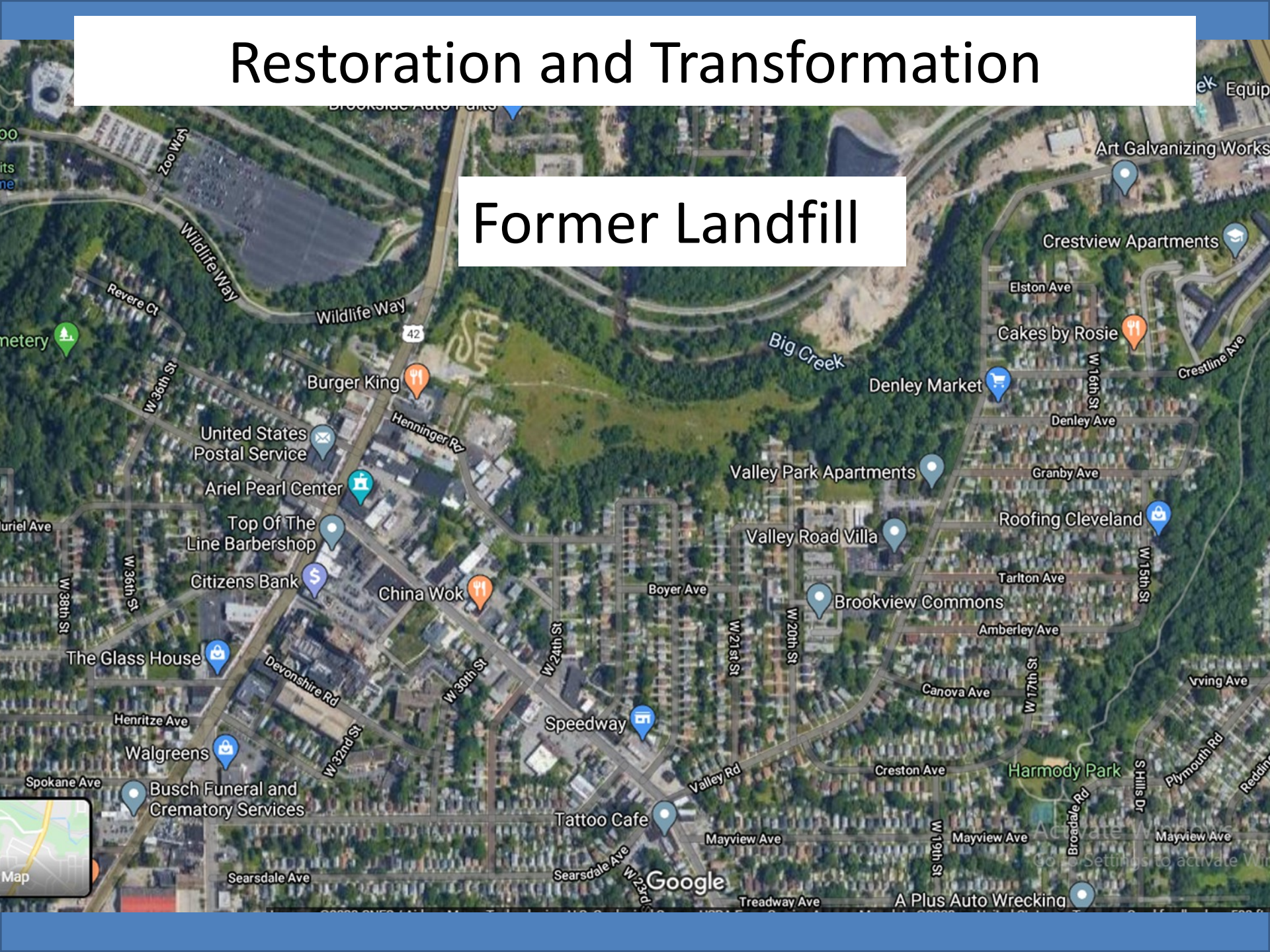
Brighton Park story with slides

Videos

1. Derek Owens – EGEB 2019
2. Reshaping Slavic Village
3. G11 Grand Opening

Restoration and Transformation

Former Landfill









**Cleveland
Metroparks**




**Western Reserve
Land Conservancy**
land • people • community

BRIGHTON PARK







The foundation of our Theory of Change

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2. All living things move away from toxins and towards nutrients if they can

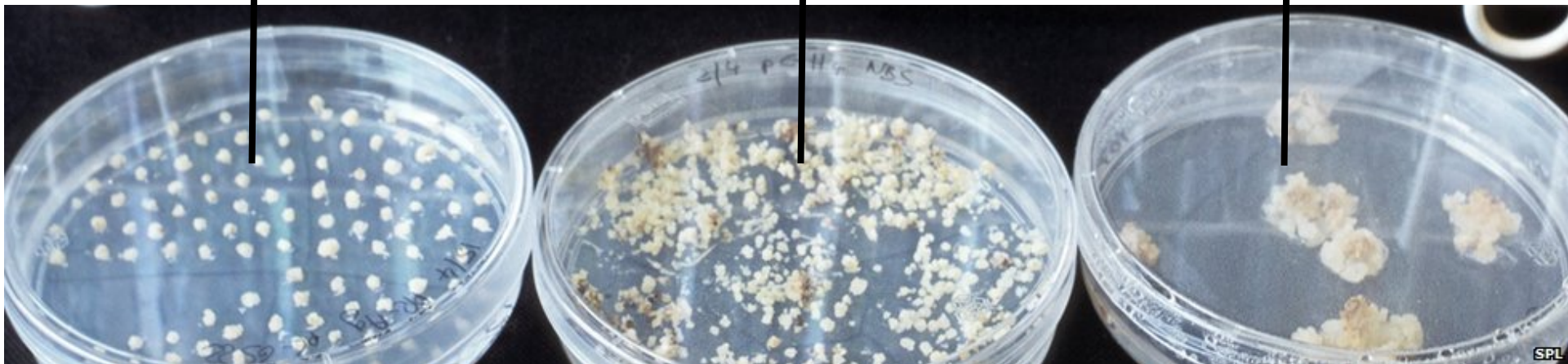
At the microscopic organism level

1972 Stem Cell research: genetically identical daughter cells manifest differently. Only difference was each petri dish provided a different culture medium or environment.

Muscle

Bone

Fat





**At the super-
organism level**

Like this maple, all
living things are
reflections
of their
environment

**Large Elm Tree that
preceded the maple
and died a few years
ago**



Adaptive Maple canopy

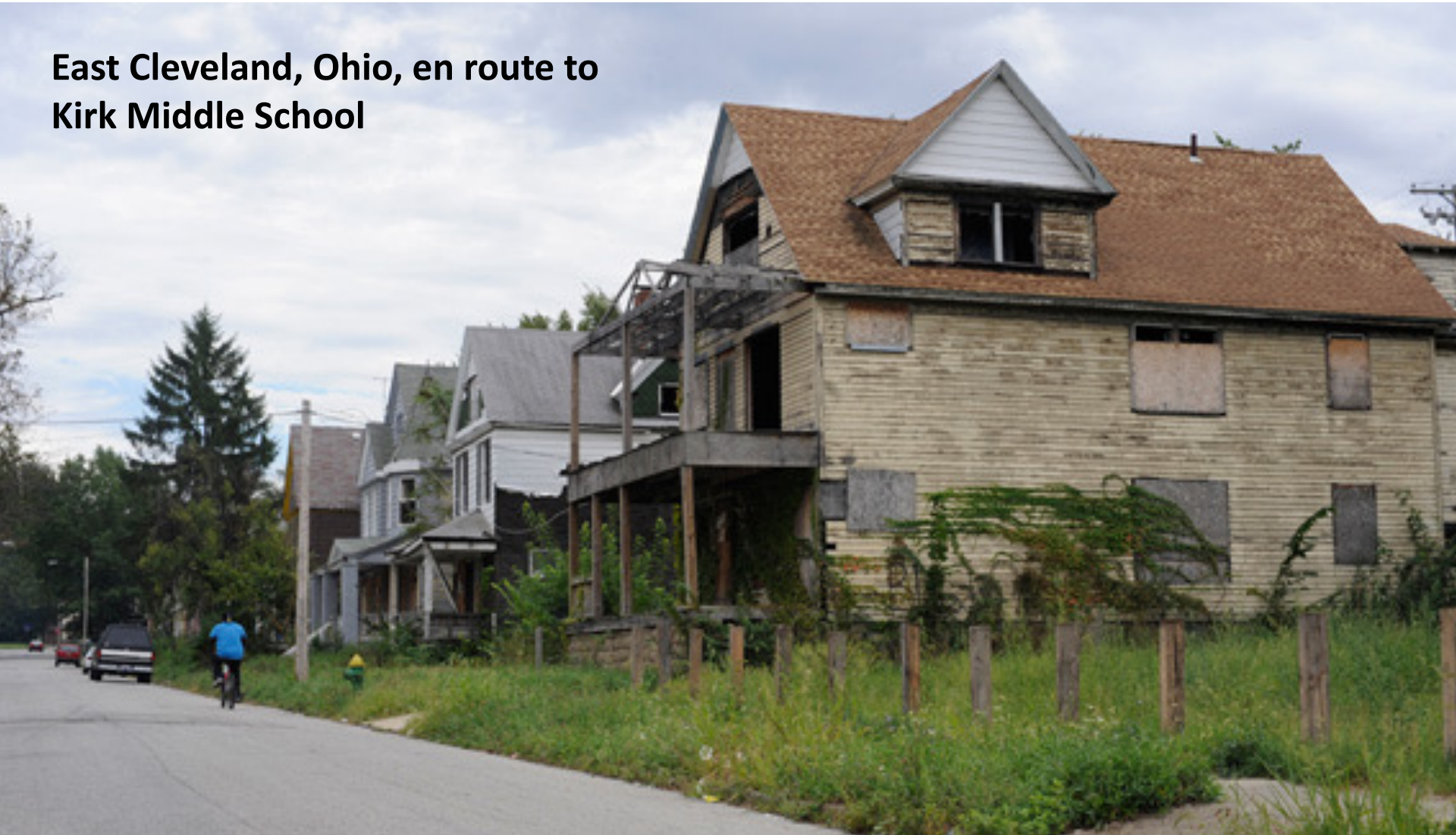


Full expression Maple



The story of David Strong ...

East Cleveland, Ohio, en route to
Kirk Middle School



David Strong matriculated to University School in
Hunting Valley, Ohio in 1983



David Strong went on to attend Johns Hopkins, where he earned 4 varsity basketball letters, and then earned his MD. He is now an ER doctor.



All living things move away from perceived toxicity and towards perceived nutrients, if they can

