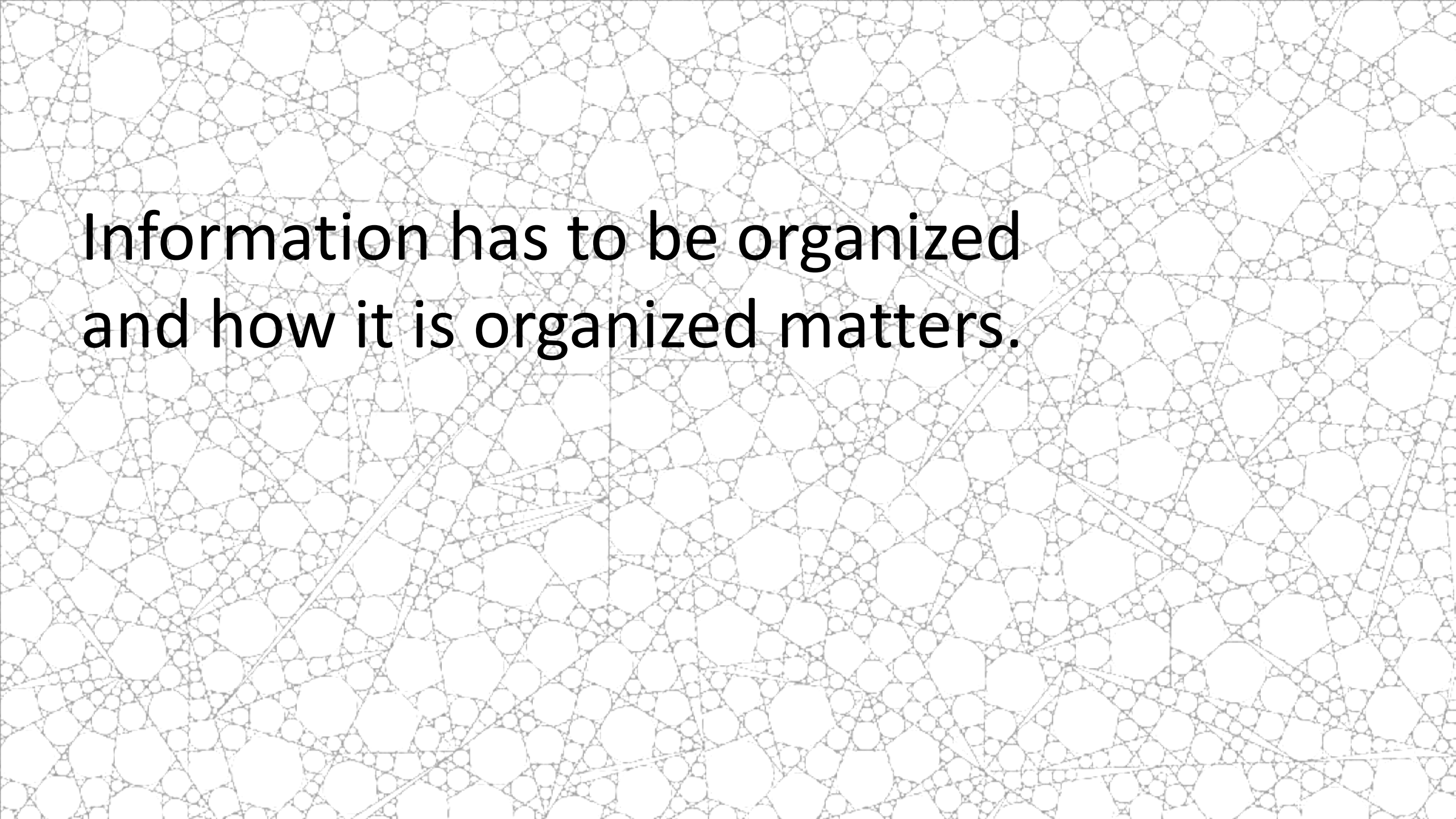


What does “Age of Algorithms” even mean?

How do systems become racist?

How are they exploited by racists?

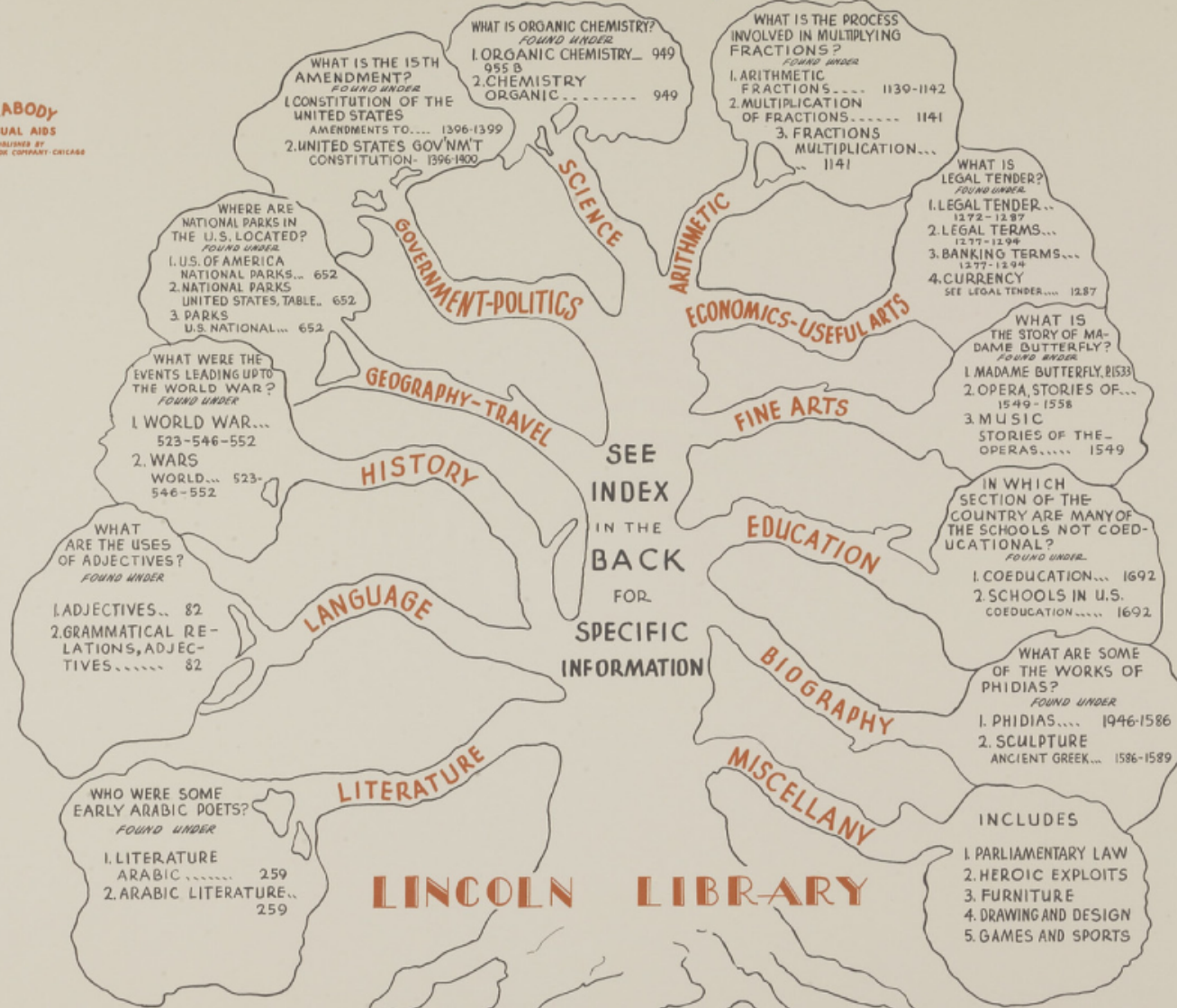
...what do we do now?!?



Information has to be organized
and how it is organized matters.

BRANCHES of KNOWLEDGE

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VISUAL AIDS
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PREPARED UNDER THE DIRECTION OF RUBY ETHEL CUMDIFF FOR THE PEABODY LIBRARY COURSE IN TEACHING THE USE OF THE LIBRARY.

THE INDEX IS ARRANGED ALPHABETICALLY LIKE A DICTIONARY, PHRASES ARE ARRANGED SO THAT THE MOST IMPORTANT WORD OCCUPIES FIRST PLACE.

LETTERS A, B, C, D, FOLLOWING PAGE NUMBERS INDICATE FIRST, SECOND, THIRD, AND FOURTH QUARTERS OF A PAGE.

THE KEY WORDS ARE AT THE TOP OF EACH PAGE.

THERE ARE CROSS REFERENCES TO RELATED TOPICS.

IF TWO OR MORE PAGE REFERENCES APPEAR IN ONE ENTRY, THE MOST IMPORTANT ONE IS USUALLY GIVEN FIRST.

TO STUDY THE WHOLE FIELD OF A SUBJECT, TURN TO THE SUBJECT DIVISION BY USING THE THUMB INDEX.

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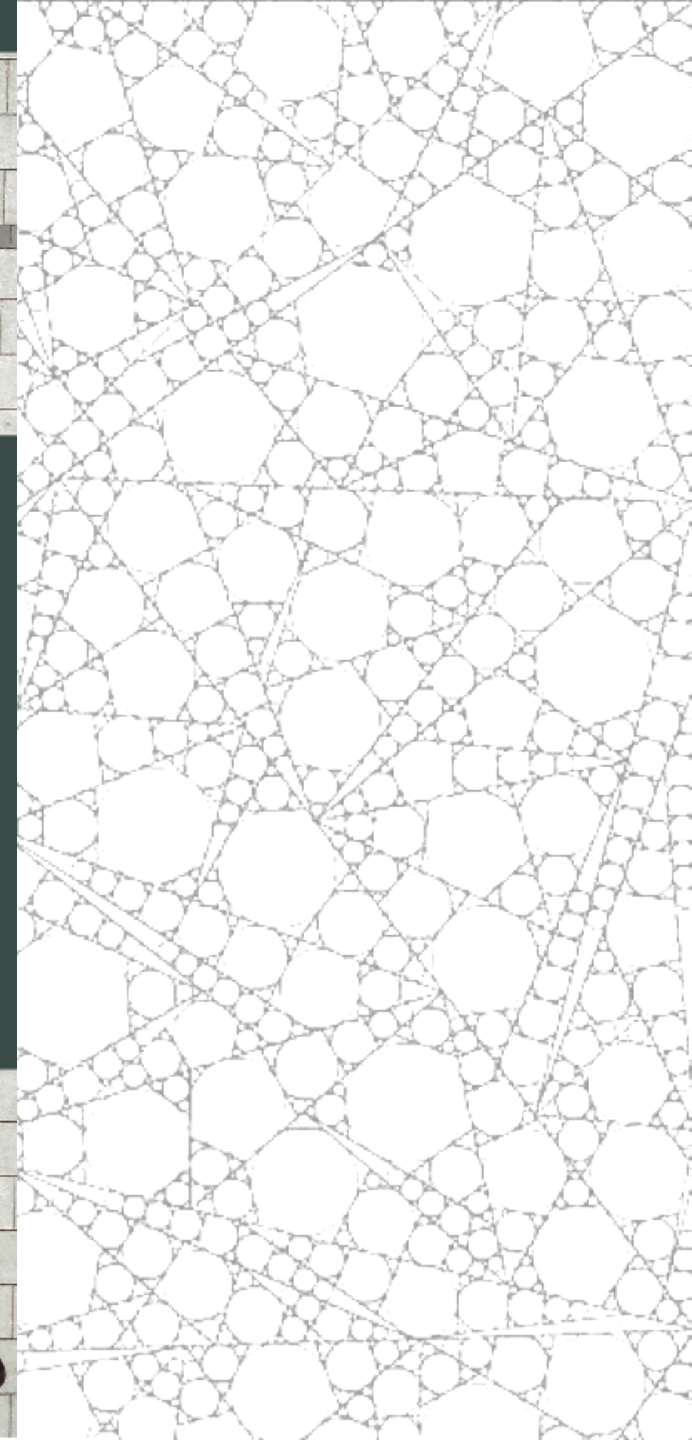
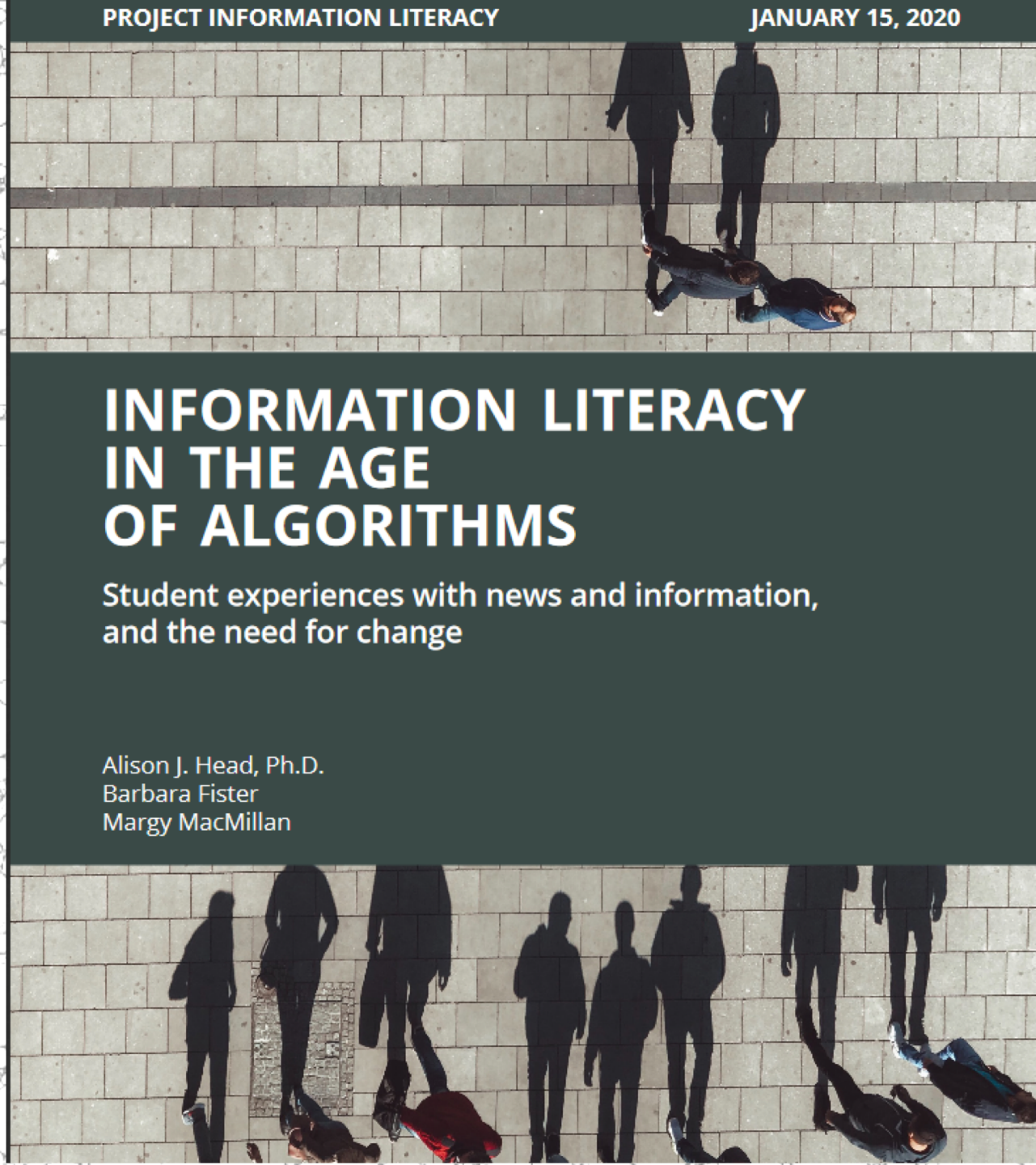
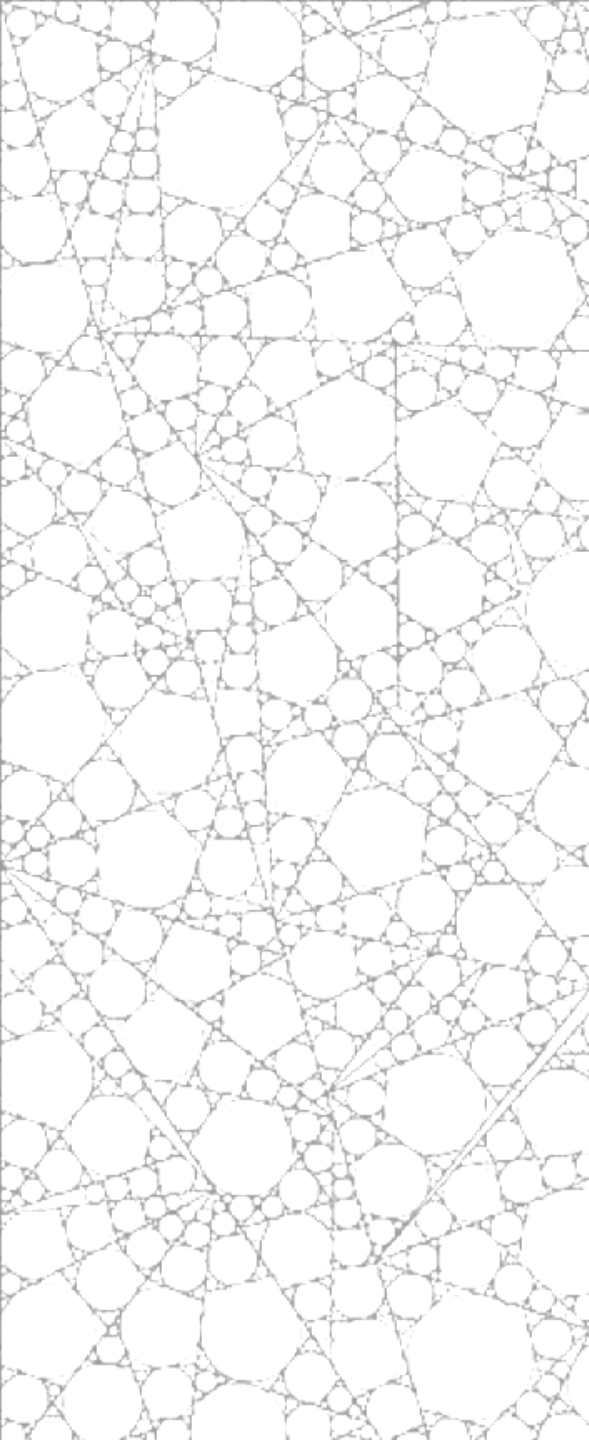
PROJECT INFORMATION LITERACY

JANUARY 15, 2020

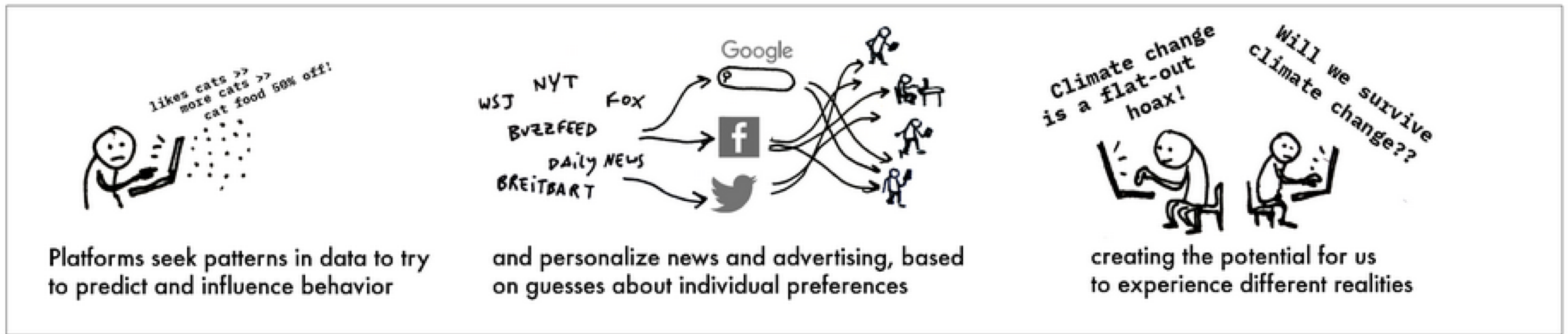
INFORMATION LITERACY IN THE AGE OF ALGORITHMS

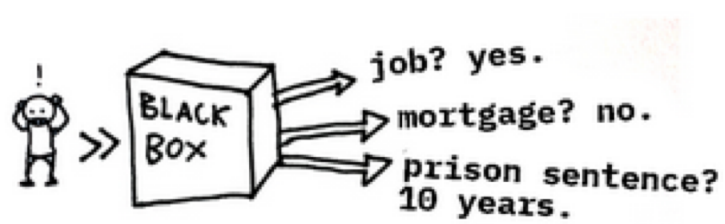
Student experiences with news and information,
and the need for change

Alison J. Head, Ph.D.
Barbara Fister
Margy MacMillan

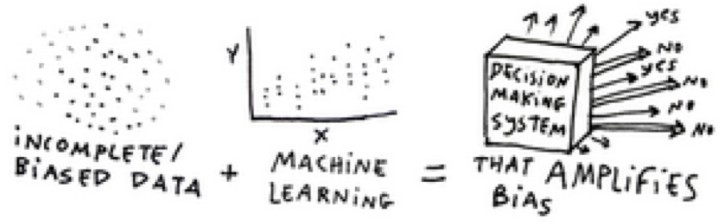


LIFE IN THE
AGE OF Algorithms

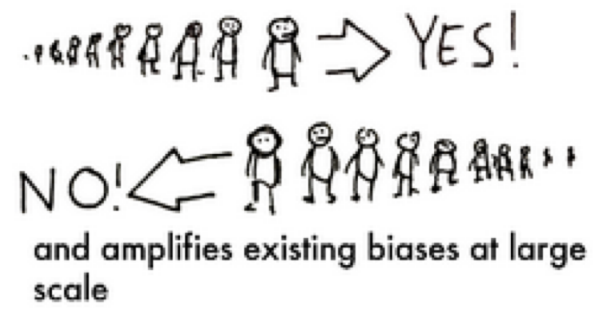




Our lives are increasingly influenced by decision-making systems that build on correlations



using "artificial intelligence" software that relies on incomplete data to make generalizations



Information systems we depend on are shaped by a tech culture marked by narrow perspectives and overconfidence



in ways that undermine our trust in news, politics, and each other.

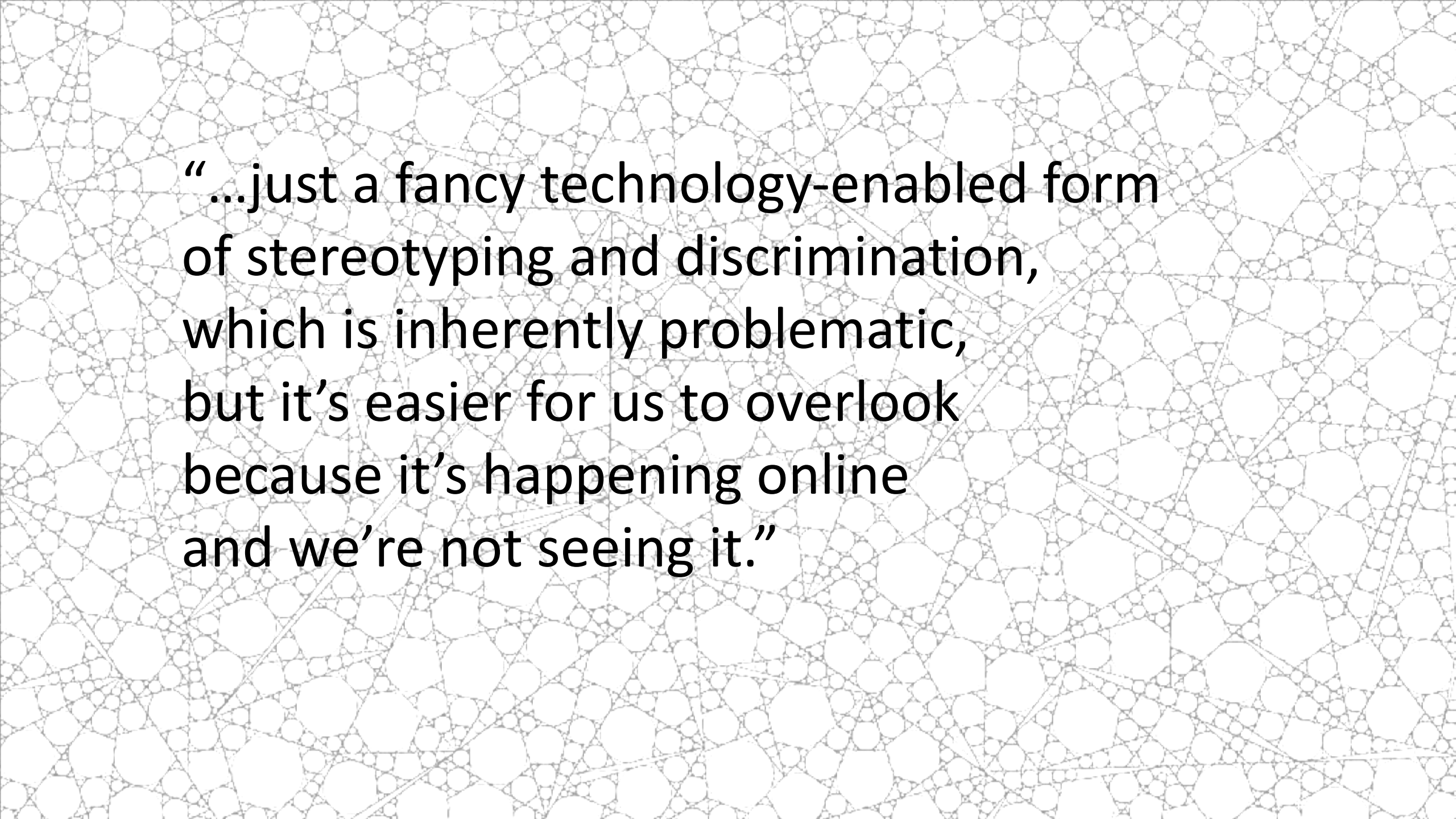
jessica yurkofsky (2019)



The Project Information Literacy (PIL) "Life in the Age of Algorithms" for the Information Literacy in the Age of Algorithms Report has a Creative Commons (CC) license of CC BY-NC SA.





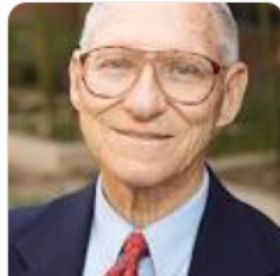


“...just a fancy technology-enabled form of stereotyping and discrimination, which is inherently problematic, but it’s easier for us to overlook because it’s happening online and we’re not seeing it.”

Engineers / Software



Bertrand Meyer



Barry Boehm



Victor Basili



Niklaus Wirth



Bjarne Stroustrup



David Harel

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RESEARCH ARTICLE



Dissecting racial bias in an algorithm used to manage the health of populations

 Ziad Obermeyer^{1,2,*}, Brian Powers³, Christine Vogeli⁴,  Sendhil Mullainathan^{5,*†}

+ See all authors and affiliations

Science 25 Oct 2019:
Vol. 366, Issue 6464, pp. 447-453
DOI: 10.1126/science.aax2342

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Racial bias in health algorithms

The U.S. health care system uses commercial algorithms to guide health decisions. Obermeyer *et al.* find evidence of racial bias in one widely used algorithm, such that Black patients assigned the same level of risk by the algorithm are sicker than White patients (see the Perspective by Benjamin). The authors estimated that this racial bias reduces the

**WHAT ARE
YOU
LOOKING AT?**







STATE PATROL

STATE PATROL

STATE PATROL

STATE PATROL





PROPERTY UNDER
24 7 SURVAILENCE

The New Jim Code:

The employment of new technologies that reflect and reproduce existing inequalities but that are promoted and perceived as more objective or progressive than the discriminatory systems of a previous era.

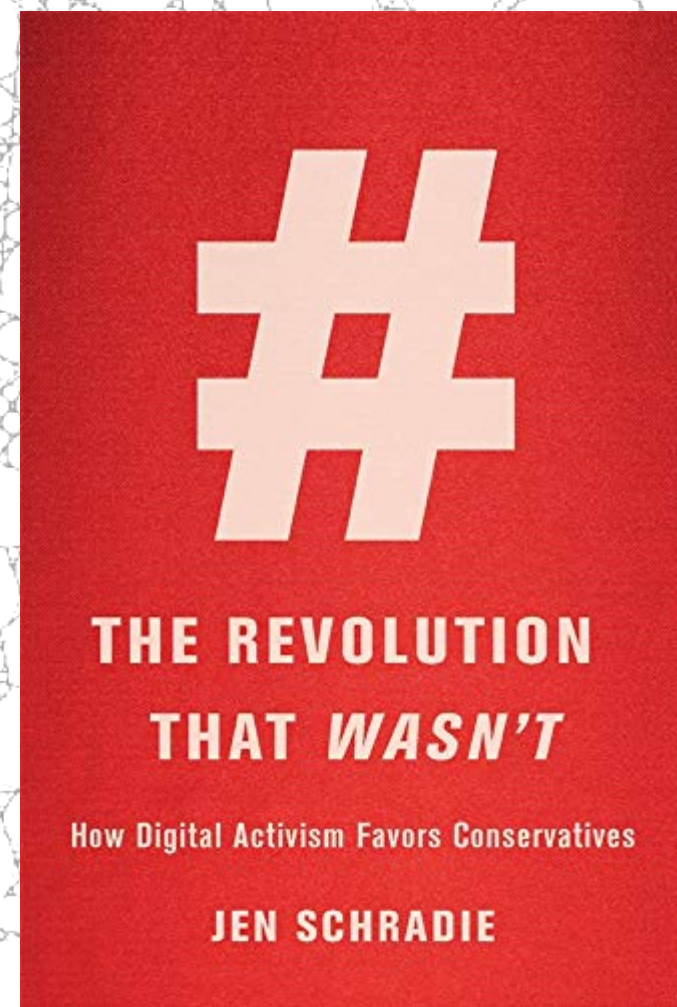
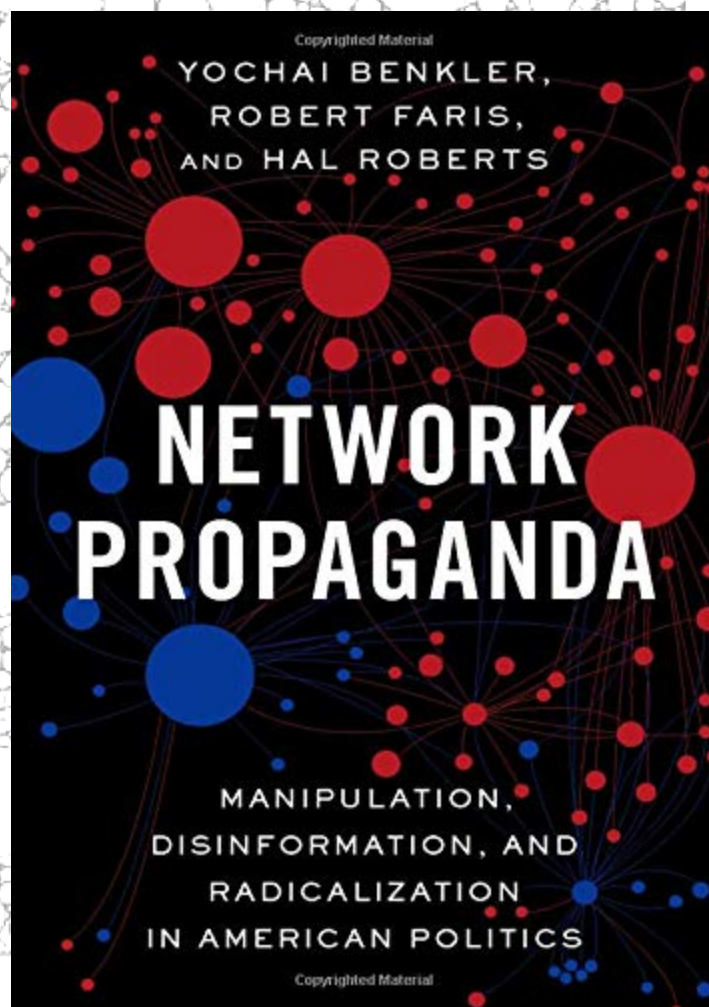
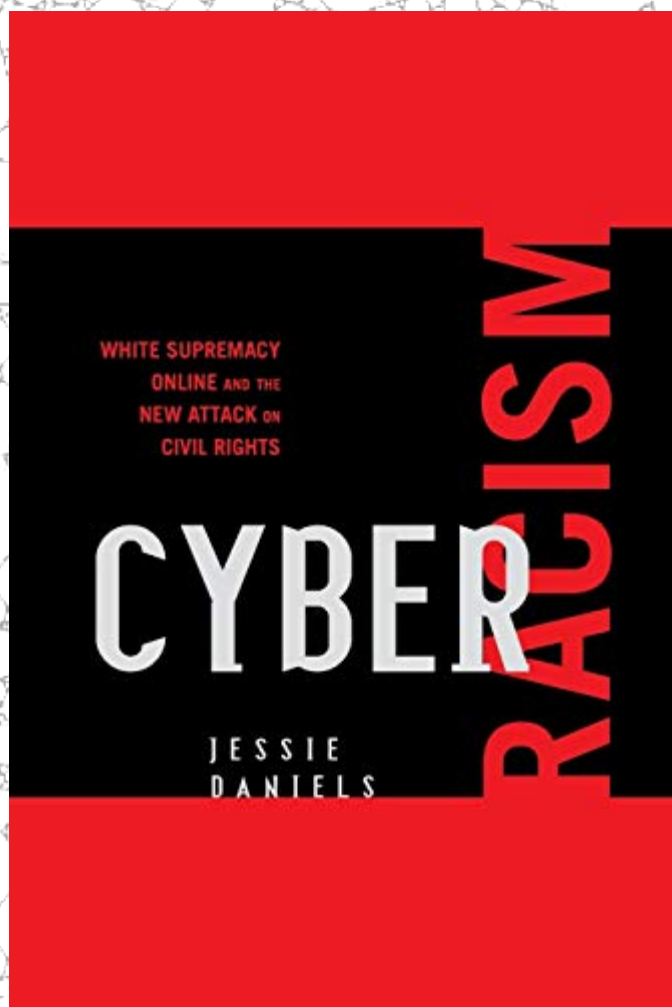
Ruha Benjamin,
*Race After Technology**
*really good book!

DEPLORABLES
AND ALT-RIGHT



UNITE









So ... how do
we get out
of this mess?

Predictive Policing is rooted in war and occupation. It is yet another tool, another practice built upon the long lineage including slave patrols, lantern laws, Jim Crow, Red Squads, war on drugs, war on crime, war on gangs, war on terror ... However, this time it's the veneer of science and technology, algorithms and data processing, hot spots, and math that give the Stalker State the power, justification, and supposed right to predict, to pathologize, and to criminalize whole communities, and to trace, track, monitor, contain, and murder individuals. This is the trajectory before the bullet hits the body.

StopLAPDSpying.org



↻ Stop Killing Black People. Really. Like, Right Now Retweeted



brain mentality

@marx_knopfler



oh no, the hypermilitarized american police have become an unaccountable gang of murderous fascists. i wonder if theres some books i can buy to fix this

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Doris Rudd Porter, “human computer,” with Manometer tape, ca. 1946 (?) via [NASA](#)

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