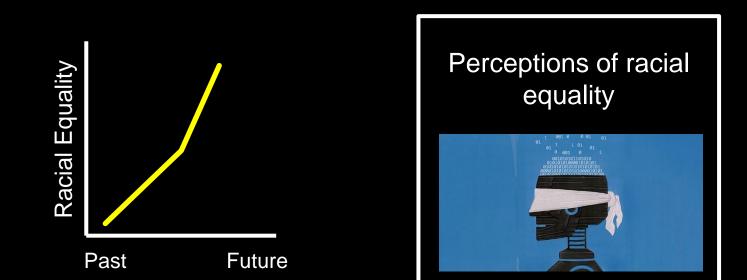
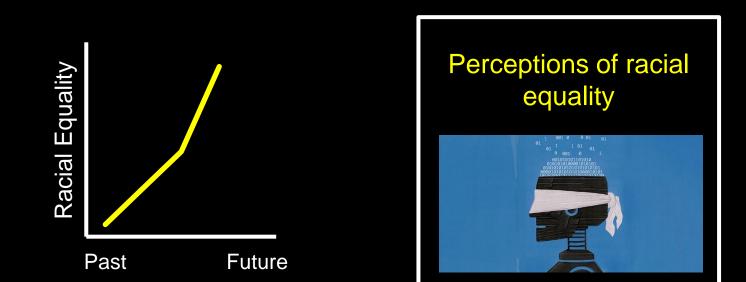
Jennifer A. Richeson Department of Psychology • Institution for Social & Policy Studies Yale University







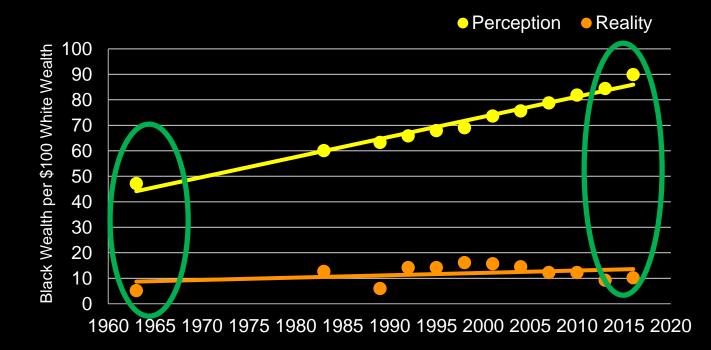
# Perceptions of Racial Economic Equality

# Perceptions of Racial Wealth Equality 1963-2016

For every \$100 of wealth accumulated by the average White family, how much wealth has the average Black family accumulated?

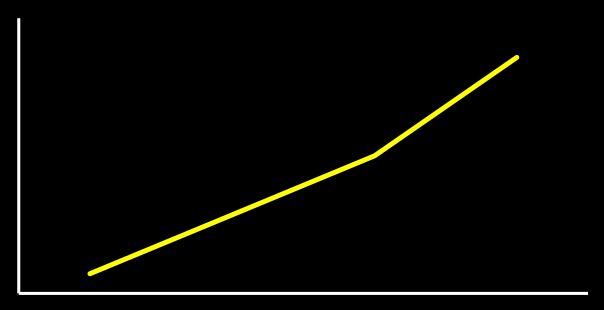
100 = racial equality										
0	20	40	60	80	100	120	140	160	180	200
2000										

# Perceptions of Racial Wealth Equality 1963-2016



Americans falsely believe we have achieved considerable racial wealth equality.

Mythology of racial progress

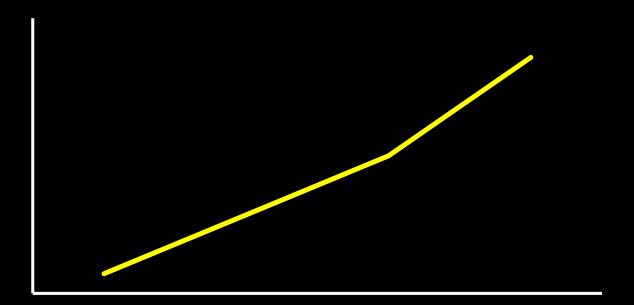


Past



# Sustaining Myths

# Beliefs about the Nature of Prejudice



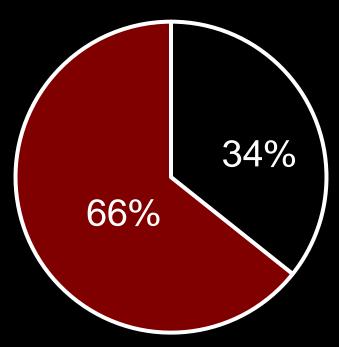
Structural



### Myth: "Structural racism is no longer a problem"



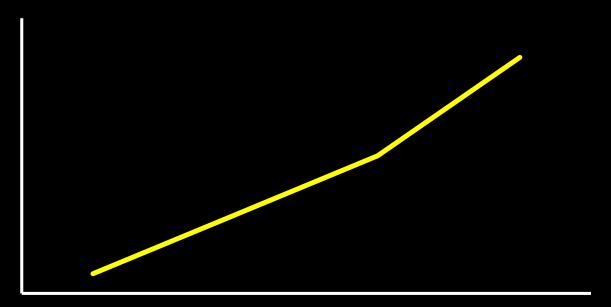
## Which is the bigger problem in US today?



# StructuralInterpersonal

Rucker, Duker, & Richeson (2019)

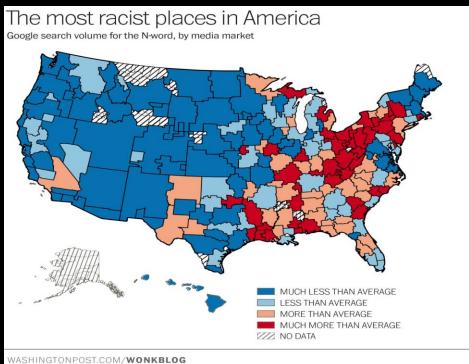
CNN/KFF Fall 2015; N = 1809



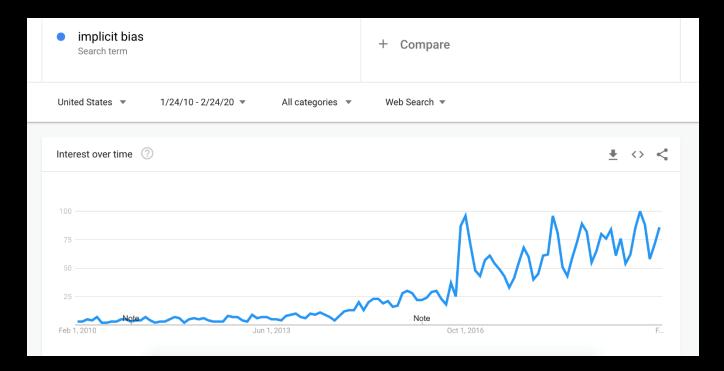
Explicit/Overt

Implicit/Subtle

# Myth: "Overt racism is a thing of the past"



Source: "Association between an Internet-Based Measure of Area Racism and Black Mortality"



#### What the Starbucks incident tells us about implicit bias



By Madison Park, CNN ① Updated 6:23 AM ET, Tue April 17, 2018



What are the consequences of attributing discrimination to implicit vs. explicit bias?



Contents lists available at ScienceDirect

#### Journal of Experimental Social Psychology

journal homepage: www.elsevier.com/locate/jesp



#### Consequences of attributing discrimination to implicit vs. explicit bias \*



Natalie M. Daumeyer\*, Ivuoma N. Onyeador, Xanni Brown, Jennifer A. Richeson

Yale University, Department of Psychology, United States of America

#### ARTICLE INFO

Keywords: Implicit bias Bias attribution Accountability Science communication

#### ABSTRACT

Implicit bias has garnered considerable public attention, with a number of behaviors (e.g., police shootings) attributed to it. Here, we present the results of 4 studies and an internal meta-analysis that examine how people reason about discrimination based on whether it was attributed to the implicit or explicit attitudes of the perpetrators. Participants' perceptions of perpetrator accountability, support for punishment, level of concern about the bias, and support for various efforts to reduce it (e.g., education) were assessed. Taken together, the results suggest that perpetrators of discrimination are held less accountable and often seen as less worthy of punishment when their behavior is attributed to implicit rather than to explicit bias. Moreover, at least under some circumstances, people express less concern about, and are less likely to support efforts to combat, implicit compared with explicit bias. Implications for efforts to communicate the science of implicit bias without undermining accountability for the discrimination it engenders are discussed.

#### The New York Times

N.Y. / REGION

#### Racial Bias in Policing

By AL BAKERSFIELD OCT. 20, 2017



Seth Wenig/Associated Press

A recent study conducted at John Jay College of Criminal Justice, "Racial Bias in Police Officers' Treatment of Citizens," found evidence of racial bias in how police officers treat members of the public. Racial bias refers to attitudes or stereotypes that affect our understanding, decisions, and actions toward specific racial groups.

"We wanted to examine whether bias might be affecting how police officers interact with citizens based on race," said Dr. Sam Neilson, the lead researcher on the study. Racial bias was measured through questionnaires where officers reported their stereotypes, attitudes, and perceptions of members of various racial groups. Racial bias was calculated as the extent to which officers held more negative stereotypes, attitudes, and perceptions toward racial minorities than they held toward white individuals.

0000

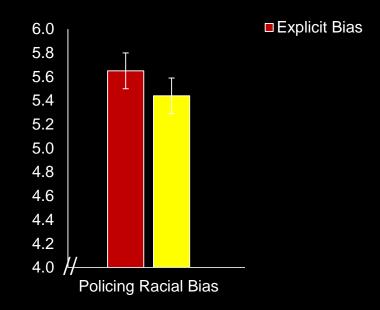
#### **Explicit Bias**

#### **Implicit Bias**

# Accountability

Police officers should be held accountable for how they treat racial minority citizens (1-7)

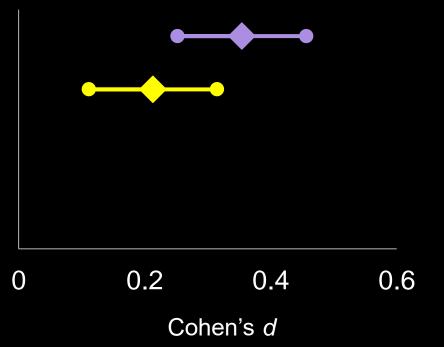
# Accountability



Implicit Bias

Daumeyer et al. (2019), JESP

# Implicit vs. Explicit Bias Attributions



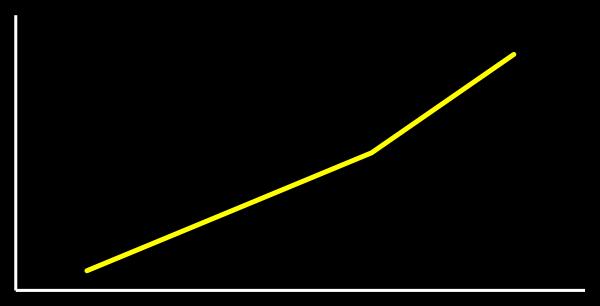
# Unconscious Bias Is An Insanely Feeble Excuse For Prejudice



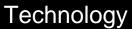
Bruce Kasanoff, CONTRIBUTOR I cover ways to bring out the talent in other people. FULL BIO >> Opinions expressed by Forbis Contributors are their own.



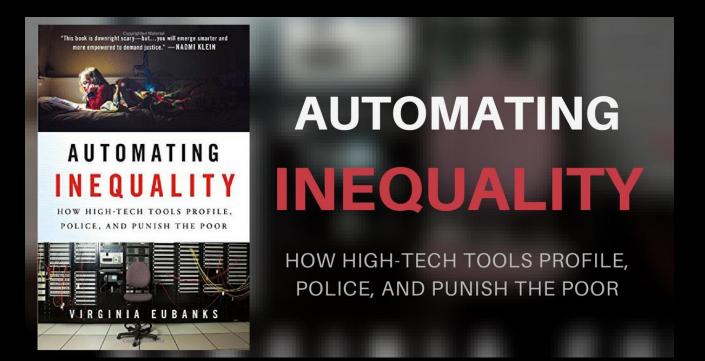
Are women and minorities deliberately being shunted aside?



Humans



### Myth: "AI (technology) will save us"



The New York Times

TheUpshot

# Who's to Blame When Algorithms Discriminate?

A proposed rule from HUD would make it harder to hold people accountable for subtler forms of discrimination.

**BUSINESS & ECONOMICS, RESEARCH** 

# Mortgage algorithms perpetuate racial bias in lending, study finds

By Public Affairs, UC Berkeley | NOVEMBER 13, 2018

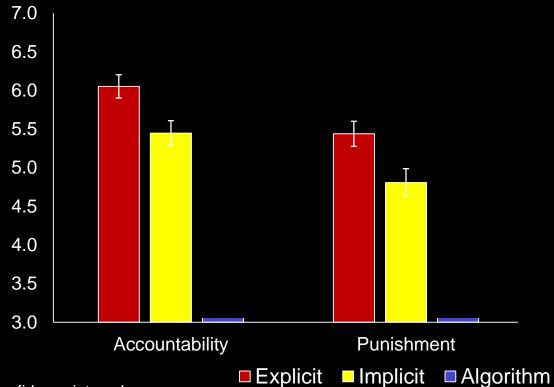






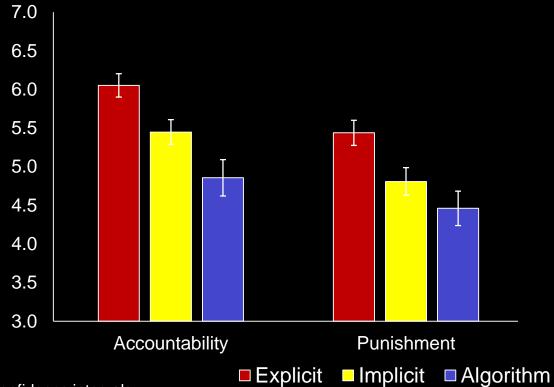
**Implicit Bias** 

#### Algorithmic Bias



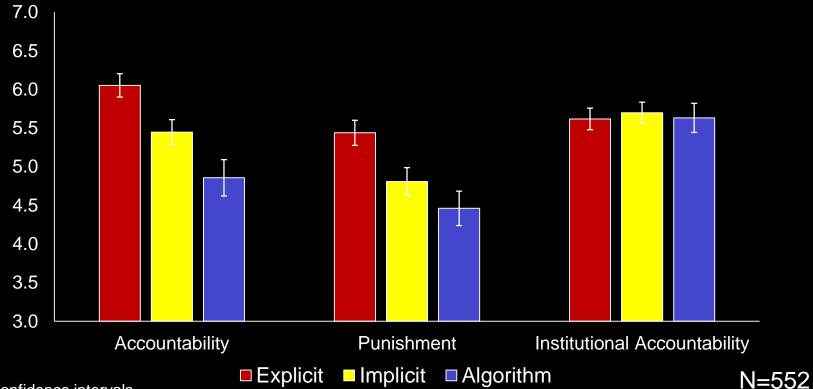
N=552

Error bars 95% confidence intervals



Error bars 95% confidence intervals





Error bars 95% confidence intervals

# Bias in the Age of Al



#### Is Artificial Intelligence Racist?

Racial and Gender Bias in AI



Maurizio Santamicone Follow Apr 2, 2019 ⋅ 6 min read ★





Outspoken US Congresswoman Alexandria Ocasio-Cortez recently said that AI can be biased during a <u>Martin Luther King Jr. day event in New York City</u>.





NEWS · 24 OCTOBER 2019 · UPDATE 26 OCTOBER 2019

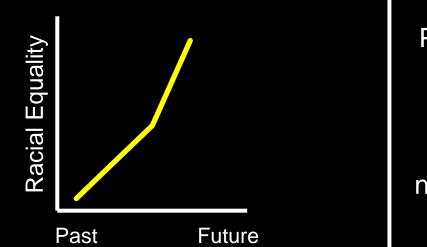
# Millions of black people affected by racial bias in health-care algorithms

Study reveals rampant racism in decision-making software used by US hospitals – and highlights ways to correct it.

Heidi Ledford







Perceptions of racial equality

What we believe necessary to achieve equality

# Reality not Mythology

We cannot reduce racial inequality if we don't acknowledge it, properly identify its causes, and hold people accountable for contributing to it.

# Thank You



**Michael Kraus** 

**Julian Rucker** 

Natalie Daumeyer

Ivy Onyeador

Xanni Brown

Ajua Duker

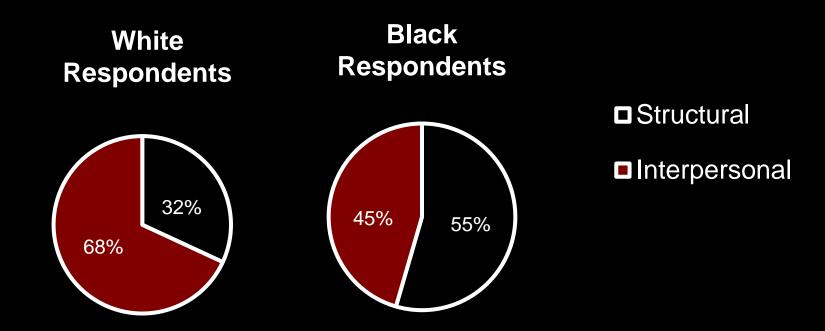
# Thank You



National Science Foundation • Yale University

# CULTURE CAN ARTIFICIAL INTELLIGENCE HELP **US UNDERSTAND RACIAL BIAS IN SPORTS?**

#### Which is the bigger problem in US today?



Rucker, Duker, & Richeson (2019)

CNN/KFF Fall 2015; N = 1809