

# Research and Data Literacy

## CSHS Racial Equity Training Session 3 Resources

### Readings

#### Books

- [Weapons of Math Destruction](#) by Cathy O’Neil

#### Articles, Reports, and News

- *Journal Article:* [Medical Algorithms Are Failing Communities Of Color](#) by Donna M. Christensen, Jim Manley, & Jason Resendez
- *(Recommended) Journal Article:* [Childhood obesity within the lens of racism](#) by Nancy T. Browne, Erin A. Hodges, Leigh Small, Julia A. Snethen, Marilyn Frenn, Bonnie Gance-Cleveland, & Cindy Smith Greenberg
- *(Recommended) Article:* [Health Inequalities in Boston by T-Stops: A Pictorial Essay](#) by Sandro Galea
- *Article:* [Machine Bias](#) by Julia Angwin, Jeff Larson, Surya Mattu, & Lauren Kirchner
- *News:* [A troubling tale of a Black man trying to refinance his mortgage](#) by Diana Olick
- *Article:* [Facebook’s Ad Algorithm Discriminates Even When It’s Not Told To, Study Finds](#) by Matt Stieb
- *News:* [Retired Black players say NFL brain-injury payouts show bias](#) by Maryclaire Dale & Michelle R. Smith
- *Journal Article:* [Black–White Disparities in Preterm Birth: Geographic, Social, and Health Determinants](#) by Marie E. Thoma, Laura B. Drew, Ashley H. Hirai, Theresa Y. Kim, Andrew Fenelon, & Edmond D. Shenassa
- *Journal Article:* [Adolphe Quetelet \(1796–1874\)—the average man and indices of obesity](#) by Garabed Eknoyan
- *Journal Article:* [The association between allostatic load and anthropometric measurements among a multiethnic cohort of children](#) by Yenni E. Cedillo, Anarina L. Murillo, & José R. Fernández
- *Journal Article:* [Racial Differences in Detection of Fever Using Temporal vs Oral Temperature Measurements in Hospitalized Patients](#) by Sivasubramaniam V. Bhavani, Zanthia Wiley, Philip A. Verhoef, Craig M. Coopersmith, & Ighovwerha Ofotokun
- *Journal Article:* [Assessment of Racial and Ethnic Differences in Oxygen Supplementation Among Patients in the Intensive Care Unit](#) by Eric Raphael Gottlieb, Jennifer Ziegler, Katharine Morley, Barret Rush, & Leo Anthony Celi
- *Article:* [The 2020 census had big undercounts of Black people, Latinos and Native Americans](#) by Hansi Lo Wang
- *Article:* [Racial Bias Found in a Major Health Care Risk Algorithm](#) by Starre Vartan
- *Article:* [When it comes to darker skin, pulse oximeters fall short](#) by Craig Leomult

#### Webpages and Websites

- *Webpage:* [U.S. incarceration rates by race and ethnicity, 2010](#) by the Prison Policy Initiative
  - **See also:** [Inmate Race Statistics](#) from the Federal Bureau of Prisons (BOP)
  - **See also:** [QuickFacts: U.S. Population Estimates](#) from the United States Census Bureau
- *Poster:* [BMI and Obesity Exam Room Poster - Obesity Medical Association](#)
- *Interactive Map:* [PLACES: Local Data for Better Health | CDC](#)
- *Interactive Map:* [The Opportunity Atlas](#)
- *Interactive Map:* [Child Opportunity Map | Diversity Data Kids](#)
- *Interactive Map:* [Food Access Research Atlas](#) from the USDA Economic Research Service

#### Videos

- [Does My Neighborhood Determine My Future?](#) by Vox

- [The problem with race-based medicine | Dorothy Roberts](#) from TEDMED
- [How considering race can sabotage health care | Stanford Medicine Magazine 2021](#)

#### Additional Resources

- *Article:* [“Race norming” and the long legacy of medical racism, explained - Vox](#) by Fabiola Cineas
- *Journal Article:* [Hidden in Plain Sight — Reconsidering the Use of Race Correction in Clinical Algorithms](#) by Darshali A. Vyas, Leo G. Eisenstein, & David S. Jones
- *Article:* [Why BMI is a flawed health standard, especially for people of color](#) by Carly Stern
- *Article:* [The Racist and Problematic History of the Body Mass Index](#) by Adele Jackson-Gibson
- *Journal Article:* [The Massachusetts BMI letter: A qualitative study of responses from parents of obese children](#) by Lindsay J. Moyer, Elena T. Carbone, Jean A. Anliker, & Sarah L. Goff