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: 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: 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*

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