

Racism's Roots in Medicine & How Implicit Bias Impacts Care

Nathan Chomilo, M.D. FAAP (he/him/his)

Medicaid Medical Director | Minnesota Department of Human Services

4/07/2021

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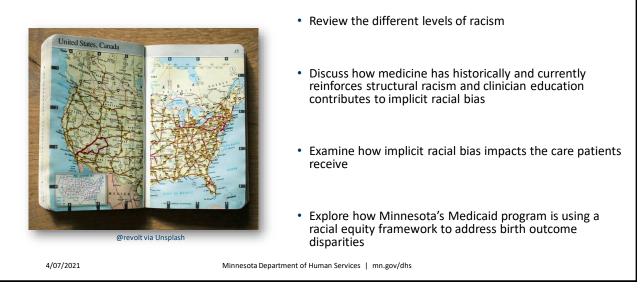


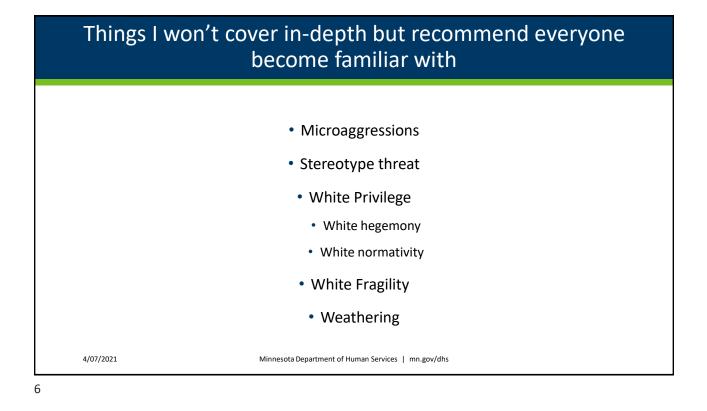
Dr. Nathan T. Chomilo

Dr. Chomilo is Medical Director for the State of Minnesota's Medicaid and MinnesotaCare programs. He practices as a General Pediatrician and an Internal Medicine Hospitalist with Park Nicollet Health.

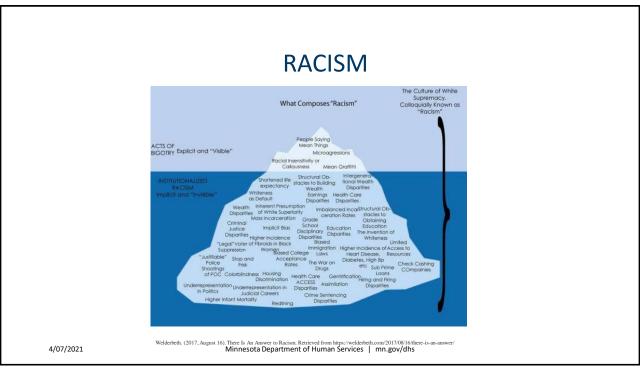
Land Acknowledgement I would like to begin by acknowledging that the land on which we gather is the seized territory of the Dakota People. DAKOTA (OCETI SAKOWIN SEVEN COUNCIL FIRES) stern Division astern Division DAKOTA Divisio NAKOTA (Teton) (Yankton) (Santee) Teton (Ti Sako The Seven Council Fires of the Dakota, Nakota, and Lakota. Courtesy of <u>http://www.ndstudies.org</u>. Graphic by: Cassie Theuer North Dakota Studies Project State Historical Society of North Dakota Minnesota Department of Human Services | mn.gov/dhs 4/07/2021

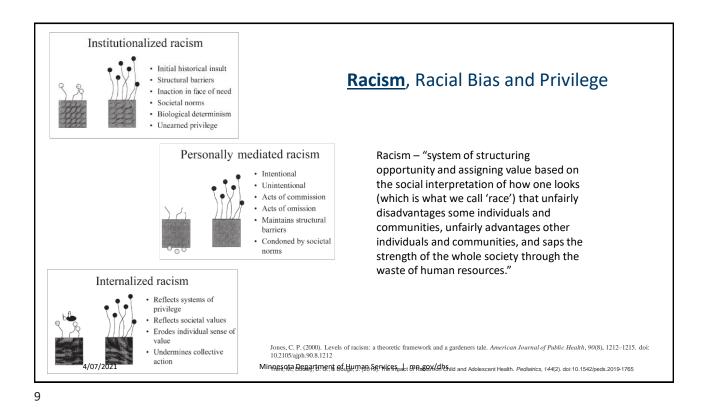
Our Road Map





| | RACIAL AND ETHNIC DISPARITIES IN HEALTH CARE, UPDATED 2010 | "Disparities" = the SYMPTOM |
|-----------|--|--|
| | Racial Hea Across the The Costs of Racial Disparities in Health Care Article - February 15, 2016 | Alth Disparities Persist at Hospitals e Country John Z. Ayanian, MD, MPP Institute for Healthcare Roley and Invocation. University of Michigan |
| 4/07/2021 | Reveals Variability in How He | Care Disparities? A Mixed-Methods Study alth Care Providers Perceive Causal of Human Services mn.gov/dhs |







implicit bias, which refers to the attitudes or stereotypes that affect an individual's understanding, actions, and decisions in an unconscious manner.

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| Racism, | Racial | Bias | and | <u>Privilege</u> |
|---------|--------|------|-----|------------------|
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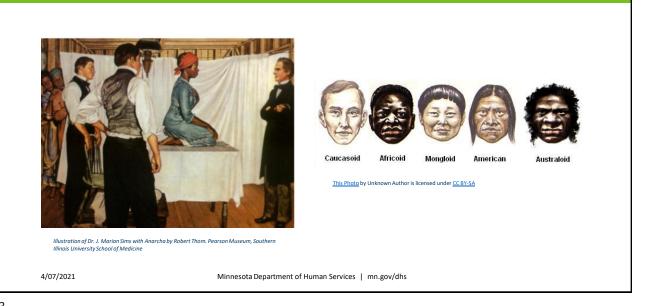


"There has never been any period in American history where the health of blacks was equal to that of whites...Disparity is built into the system."

- Evelynn Hammonds, historian of science at Harvard University

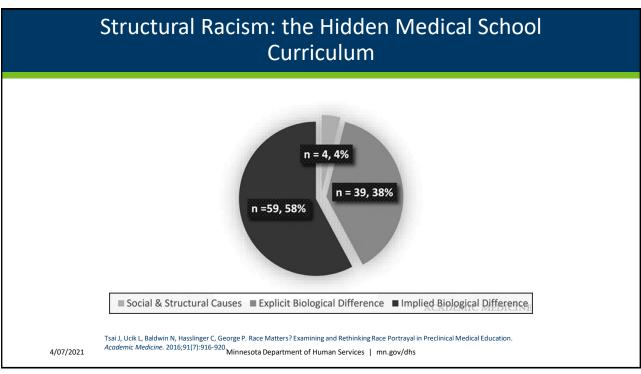
Interlandi, J. (2019, August 14). Why Doesn't America Have Universal Health Care? One Word: Race. Retrieved from https://www.nytimes.com/interactive/2019/08/14/magazine/universal-health-care-racism.html?smid=nytcore-ios-share

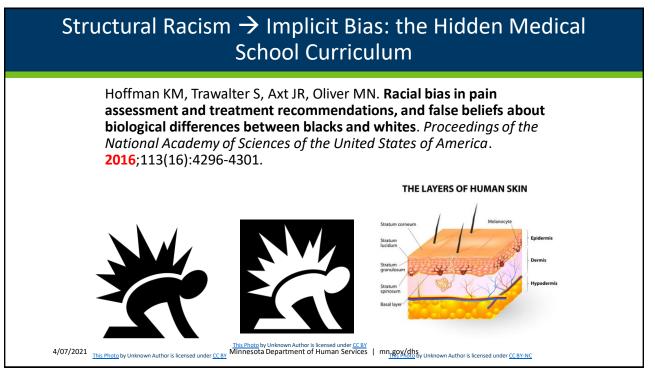
Structural Racism: Medicine's Roots



| | Institutional Racism: Roots |
|-----------|---|
| | The Journal of the |
| | American Medical Association |
| | Vol. XXXIII CHICAGO, HLINOIS, JULY 1, 1899. No. 1 |
| | DISEASES OF THE EAR, NOSE AND THROAT IN THE NEGRO. DR. E. C. ELLETT, Memphis, Tenn., offered these conclusions: 1. The negro enjoys a singular immunity from catarrhal in- thammation. 2. He is prone to tuberculosis and syphilis. 3. |
| | He affords ample opportunity to study the natural history of disease without treatment. |
| | catarrhal inflammation. Few chronic diseases of the negro oc- cur, hypertrophied tonsils are rare, tonsillitis is not common, |
| 4/07/2021 | and adenoids do not occur in the negro. <u>He is an unwieldy, un</u> - willing, <u>unsatisfactory patient</u> . Minnesota Department of Human Services mn.gov/dhs |

| | Structural Racisn | n: Medicine's Roots |
|---|--|-----------------------------------|
| | | Medical Schools |
| | ۲ | АМА |
| | U | Most hospitals and health clinics |
| | £ | Federal health care policy |
| | | Employer-based insurance |
| | | Access |
| This Photo by Unknown Author is licensed under <u>CC</u> 4/07/2021 | BY Minnesota Department of Human Services mn.gov/ | dhs |



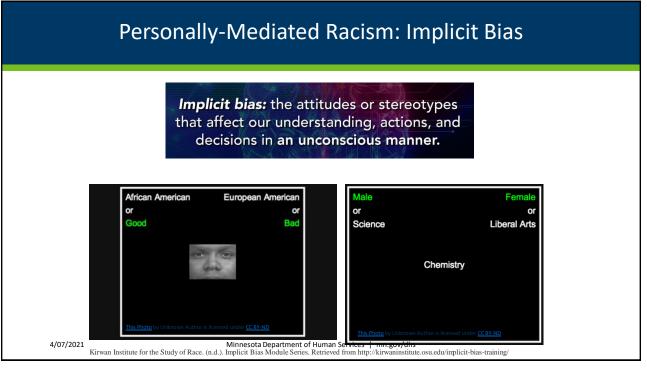


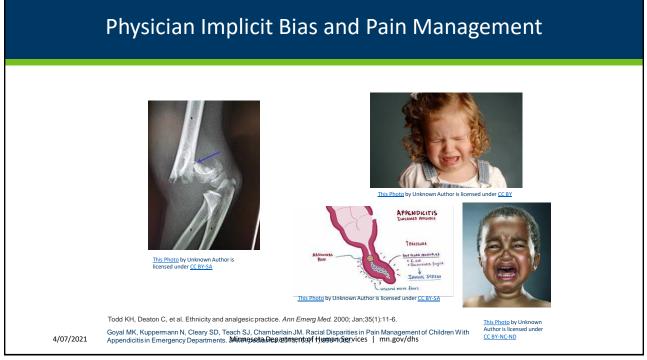
Structural Racism → Implicit Bias: the Hidden Medical School Curriculum

Table 1. Percentage of white participants endorsing beliefs about biological differences between blacks and whites

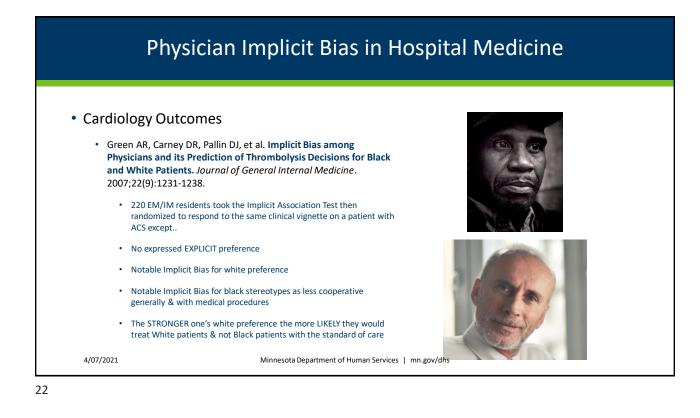
| | Study 2 | | | | |
|---|-------------------------------------|------------------------|--------------------------|------------------------|-----------------------|
| Item | Study 1: Online sample ($n = 92$) | First years $(n = 63)$ | Second years (n = 72) | Third years $(n = 59)$ | Residents (n = 28) |
| Blacks age more slowly than whites | 23 | 21 | 28 | 12 | 14 |
| Blacks' nerve endings are less sensitive than whites' | 20 | 8 | 14 | 0 | 4 |
| Black people's blood coagulates more quickly than whites' | 39 | 29 | 17 | 3 | 4 |
| Whites have larger brains than blacks | 12 | 2 | 1 | 0 | 0 |
| Whites are less susceptible to heart disease than blacks* | 43 | 63 | 83 | 66 | 50 |
| Blacks are less likely to contract spinal cord diseases* | 42 | 46 | 67 | 56 | 57 |
| Whites have a better sense of hearing compared with blacks | 10 | 3 | 7 | 0 | 0 |
| Blacks' skin is thicker than whites' | 58 | 40 | 42 | 22 | 25 |
| Blacks have denser, stronger bones than whites* | 39 | 25 | 78 | 41 | 29 |
| Blacks have a more sensitive sense of smell than whites | 20 | 10 | 18 | 3 | 7 |
| Whites have a more efficient respiratory system than blacks | 16 | 8 | 3 | 2 | 4 |
| Black couples are significantly more fertile than white couples | 17 | 10 | 15 | 2 | 7 |
| Whites are less likely to have a stroke than blacks* | 29 | 49 | 63 | 44 | 46 |
| Blacks are better at detecting movement than whites | 18 | 14 | 15 | 5 | 11 |
| Blacks have stronger immune systems than whites | 14 | 21 | 15 | 3 | 4 |
| False beliefs composite (11 items), mean (SD) | 22.43 (22.93) | 14.86 (19.48) | 15.91 (19.34) | 4.78 (9.89) | 7.14 (14.50) |
| Range | 0-100 | 0-81.82 | 0-90.91 | 0-54.55 | 0-63.64 |
| Combined mean (SD) (medical sample only) | | | 11.55 (1 | 7.38) | |

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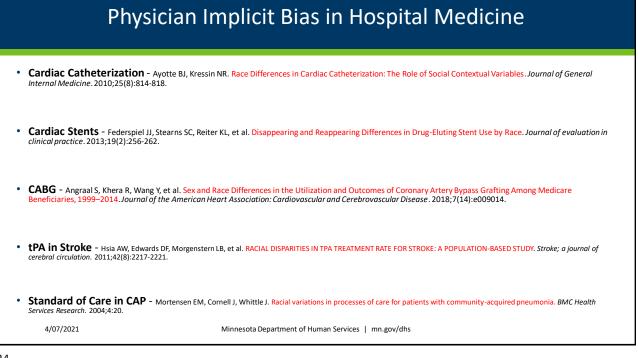


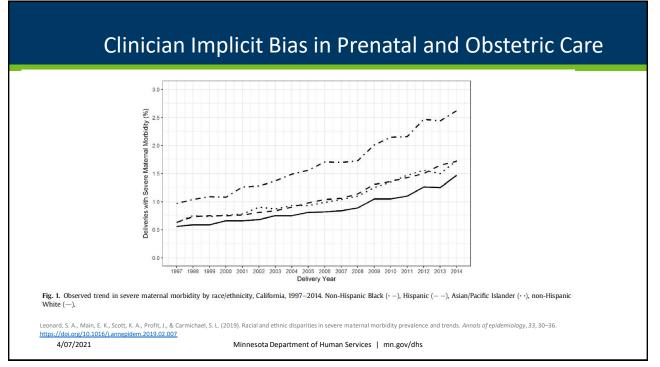


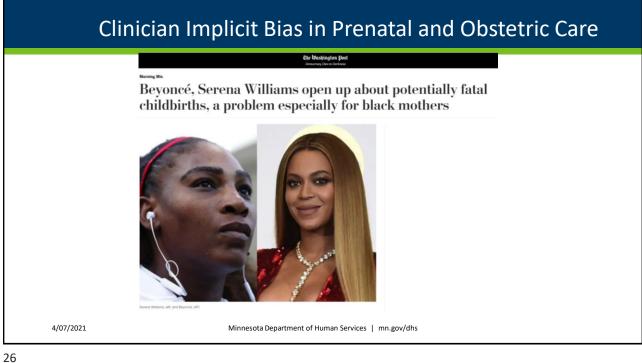
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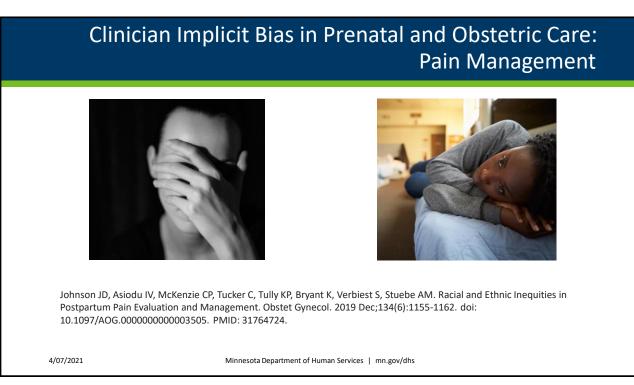


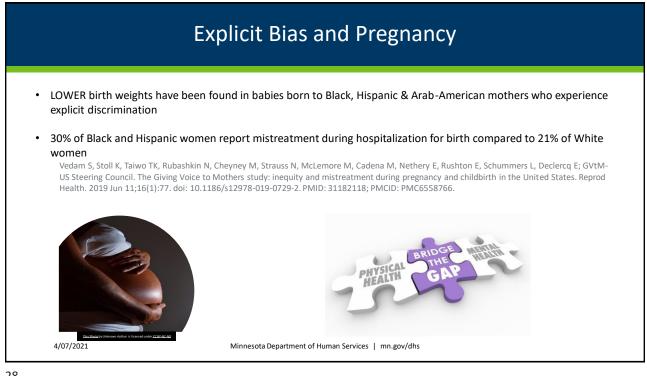
• Cardiology Outcomes • Green AR, Carney DR, Pallin DJ, et al. Implicit Bias among Physicians and the Patients. Journal of General Internal Medicine. 2007;22(9):1231-1238. • Paradox of Race Consciousness! • Sot% of residents thought White patient was likely to have CAD, dow thought Black patient was likely to have CAD. • Sot% of residents very likely to offer treatment to White Patient 2007;22(1): Imposted Equations and State Patients. Journal of General Internal Medicine. 2007;22(1): IS31-1238. • Paradox of Race Consciousness! • Sot% of residents thought White patient was likely to have CAD, dow thought Black patient was likely to have CAD. • Sot% of residents very likely to offer treatment to White Patient 2007;22(1): Imposted Equations Internal Medicine. 2007;22(2): Imposted Equations Internal Medicine. 2007;2









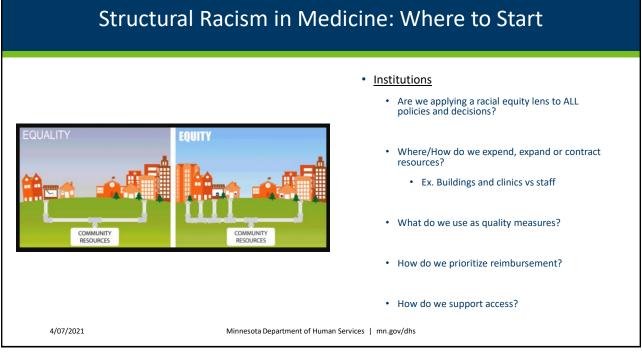


| Structural/Explicit Racism, Police Violence & | |
|---|--|
| Maternal Health | |

Alang S, McAlpine DD, Hardeman R. **Police Brutality and Mistrust in Medical Institutions**. J Racial Ethn Health Disparities. 2020 Aug;7(4):760-768. doi: 10.1007/s40615-020-00706-w. Epub 2020 Jan 27. PMID: 31989532.

• Respondents who had negative encounters with the police, even if they perceived these encounters to be necessary, had higher levels of medical mistrust compared to those with no negative police encounters. Police brutality increased mistrust for all racial groups.

| | How Police Violence Could Impact The Health Of Black Infants |
|-----------|---|
| | November 13, 2020 - 5:01 AM ET Heard on Morning Edition |
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Addressing Structural Racism: Bringing a Racial Equity Lens

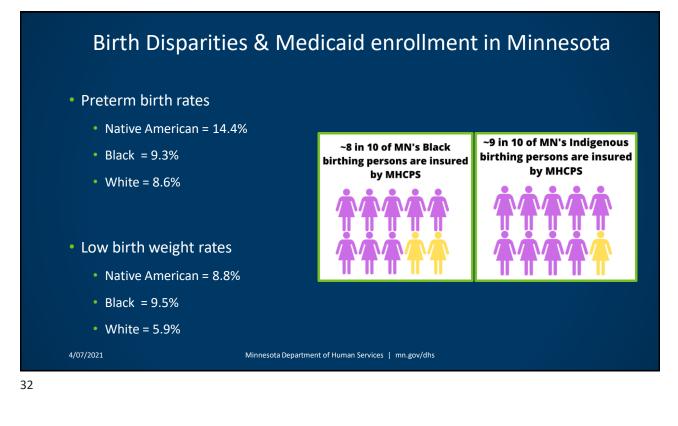
Racial Equity Toolkit to Assess Policies, Initiatives, Programs, and Budget Issues

TACE & SOCIAL JUSTICE

GOVERNMENT ALLIANCE ON

- What does data tell you about existing racial inequities that influence people's lives and should be taken into consideration?
- What are the root causes or factors creating these racial inequities?
- How will the policy, initiative, program, or budget issue increase or decrease racial equity?
- How will you address the impacts (including unintended consequences) on racial equity?
- · How will you be held accountable for the impacts on communities?

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Integrated Care for High Risk Pregnancies (ICHRP)

- 2015 legislature directed the Department of Human Services (DHS) to implement the Integrated Care for High Risk Pregnancies (ICHRP) Initiative pilot program
- Through perinatal care collaboratives, grant funds promote integrated care and enhanced services to women at risk for adverse outcomes of pregnancy



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African American ICHRP and Tribal ICHRP

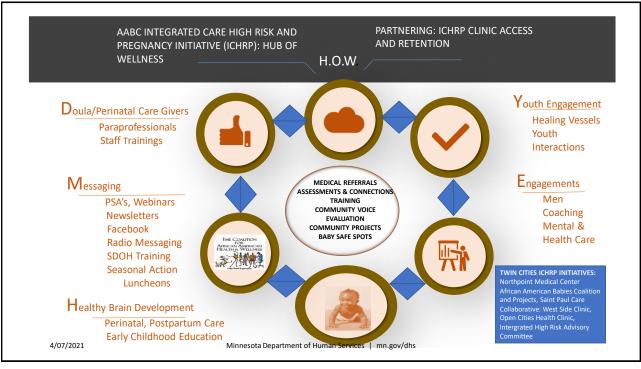


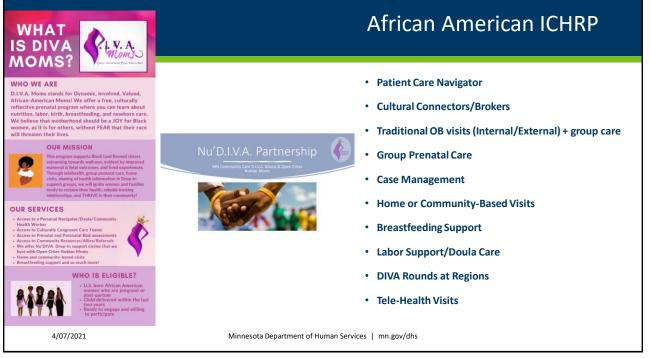
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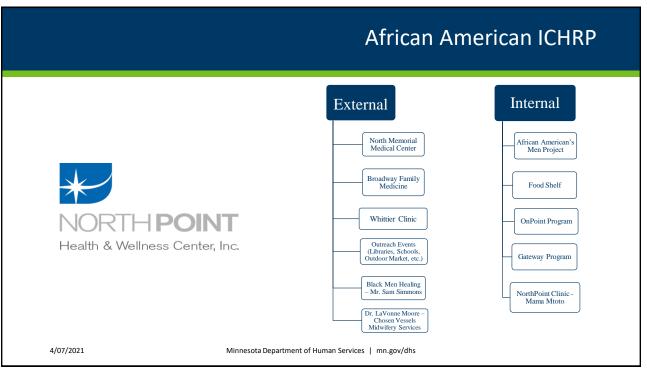
African American ICHRP - A Public-Private Partnership serving **Ramsey and Hennepin Counties ICHRP's Focus Areas** STRENGTHENING COMMUNITY ENHANCING PREGNANCY AND INCLUDING FATHERS FAMILY SUPPORT Culturally responsive Culturally responsive: Cultually responsive: Community owned and driven · Health screening for dads Pregnancy screening Asset based approaches Father support resources Community involvement and engagement Prenatal support Peer network in program planning and implementation Peer support network · Peer education and mentoring Cultural networks Peer education and mentoring · Father and family support groups Integrated care teams Family support resources HEALTHY BABIES Collaborations and partnerships · Mom and family support groups · Full term Strong access to culturally-based resources Postpartum follow-up · Healthy weight · Community-based commissioning

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Tribal ICHRP

"As the Mille Lacs ICHRP program director put it, "peer recovery coaches are so community-connected that it doesn't even feel like a referral. It's more like an invitation, or it happens the other way where the person in need knows how and who to ask for help." In some of the tribal ICHRP programs, successful clients have later progressed to become peer recovery coaches and counselors."

2019 ICHRP Legislative Report

Approaches varied by tribe as they set up collaboratives to maximize their resources & strengths. Essential features were:

- Ensuring that culture is at the core of policy, programming & daily interactions
- · Utilizing peers with lived experience
- Keeping & treating families together as a unit, preventing trauma of family separation
- Eliminating stigma associated with SUDs
- Breaking down silos through improved coordination and collaboration
- Engaging the support of tribal leadership from the start

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4/5/2021

Personally Mediated Racism in Obstetrics: Where to Start

"The **American College of Obstetricians and Gynecologists** is committed to addressing racial bias and discrimination and their impact on our patients. Below are examples of how women's health care physicians can work to confront these issues:

- · Be aware of one's own biases when caring for patients
- · Perform research on how biases, implicit and explicit, and discrimination are associated with health outcomes in women
- · Conduct research with improved outcomes for women of color as a primary objective
- Integrate issues of racial injustice, including recognition of provider bias, into our teaching of students, residents, fellows, and practitioners
- Engage with activists and advocates within communities of color to foster communication about addressing health disparities
- · Examine and address the ways health care systems perpetuate inequity in communities of color
- Encourage racial and ethnic diversity at all levels of our profession, from medical school to residency to practice to leadership positions at the American College of Obstetricians and Gynecologists
- Create an Alliance for Innovation on Maternal Health (AIM) disparity bundle for obstetrics"

Racial bias: 4/07/2012/bilege of Obstetricians and Gynecologists Executive Bann hesota Department of relation bit and by the source of the sou



