

CURRICULUM VITAE

RACHEL R. HARDEMAN, PhD, MPH

Academic Rank

Associate Professor with tenure, Division of Health Policy and Management, School of Public Health, University of Minnesota, 2020-present

Assistant Professor, Division of Health Policy and Management, School of Public Health, University of Minnesota, 2016-present

Graduate Faculty Appointment in Division of Health Policy and Management, 2016-present

Graduate Faculty, Health Equity Minor, School of Public Health, University of Minnesota, 2016-present

Graduate Faculty, Division of Epidemiology and Community Health Maternal Child Health, School of Public Health, University of Minnesota, 2017-present

Graduate Faculty, Center for Bioethics, University of Minnesota, 2018-present

UCLA Center for the Study of Racism, Social Justice & Health, Faculty Affiliate, 2017-present

Education

Degree	Institution	Date Degree Granted
B.S.	Xavier University of Louisiana, New Orleans, LA Chemistry and Spanish	2002
M.P.H.	University of Minnesota, Minneapolis, MN Concentration: Health Policy	2007
Ph.D.	University of Minnesota, Minneapolis, MN Minors: Demography and Sociology Concentration: Sociology of Health and Illness (Advisors: Todd Rockwood, PhD and Michelle van Ryn, PhD, MPH)	2014

Other Training

Postdoctoral Fellow, Associated Health Postdoctoral Fellowship, Veterans Affairs Center for Chronic Disease Outcomes Research. 2014-2015

Scholar, Public Health Critical Race Praxis Institute, Maryland Center for Health Equity, University of Maryland, College Park, MD. This National Institute on Minority Health and Health Disparities-funded training institute (P20MD006737) is a four-day intensive seminar focused on the application of Critical Race Theory and Public Health Critical Race Praxis in public health research. (Peer-reviewed and competitive selection). 2014

Health Equity Leadership & Mentoring (HELM) Fellow, Program in Health Disparities Research, University of Minnesota Medical School, Minneapolis, MN. 2014-2015

Employment

University of Minnesota, Twin Cities Campus Assistant Professor, Division of Health Policy and Management	2016-present
Mayo Clinic Research Collaborator, Division of Health Care Policy & Research	2016-present
Institute for Equity and Inclusion Sciences, Portland, OH Consultant and Advisor	2014-present
Mayo Clinic Assistant Professor, Division of Health Care Policy & Research	2015- 2016
VA Associated Health, Minneapolis Veteran's Affairs Postdoctoral Fellow, Center for Chronic Disease Outcomes Research	2014- 2015
University of Minnesota, Department of Medicine Research Associate	2014- 2015
Wilder Research, St. Paul MN Research Associate	2008-2012
University of Minnesota School of Nursing, School of Medicine, and School of Public Health Research Assistant	2007-2013

Research Experience

Graduate Research Assistant for Mark Yeazel, MD, MPH University of Minnesota, School of Medicine Department of Family Medicine and Community Health	June 2013-September 2013
Graduate Research Assistant for Katy B. Kozhimmanil, PhD, MPA University of Minnesota, School of Public Health	April 2012-August 2012
Graduate Research Assistant for Carolyn Porta, PhD, MPH, RN University of Minnesota, School of Nursing	September 2011-June 2012
Graduate Research Assistant for Michelle van Ryn, PhD University of Minnesota, School of Medicine Department of Family Medicine and Community Health Research Program on Equity and Quality in Patient Encounters (EQUIP) <i>Improving interactions and outcomes for both patients and providers</i>	January 2011-June 2013
Graduate Research Assistant for Ryan Allen, MS, PhD University of Minnesota Humphrey Institute for Public Affairs	September 2007-September 2008

Graduate Research Assistant for Carolyn Porta, MPH, RN, PhD
 University of Minnesota, School of Nursing and
 José Pagán, PhD
 University of North Texas Health Sciences Center
 School of Public Health

September 2006-June 2010

Current Membership in Professional Organizations/Societies

Interdisciplinary Association of Population Health Sciences	2018-present
American Academy on Communication in Health Care	2015-present
Delta Omega Public Health Honor Society, Pi Chapter	2013-present
American Sociological Association	2011-present
Midwest Sociological Society	2011-present
AcademyHealth	2007-present
American Public Health Association	2007-present
Minnesota Public Health Association	2005-present
Delta Sigma Theta Sorority Inc.	2001-present

HONORS AND AWARDS FOR RESEARCH/CREATIVE WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

University of Minnesota
Awards

“Thank a Teacher”, University of Minnesota Center for Educational Innovation, 2020
 Mcknight Presidential Fellow, 2020-2023
 Josie R. Johnson Human Rights and Social Justice Award, 2019
 “Thank a Teacher”, University of Minnesota Center for Educational Innovation, 2017
 Health Disparities Career Enhancement Program Awardee, Minnesota Center for Cancer Collaborations (MC3), 2011-2012
 Graduate and Professional Scholarly Excellence in Equity and Diversity (SEED) Award Recipient, 2011
 Best Abstract Award for Medical Student Well-being: *Where do African American Women Stand in Relation to their Caucasian Counterparts?*
 The Deborah Powell Center for Women’s Health, A National Center of Excellence, 8th Annual Women’s Health Research Conference, 2010
 Public Health Administration and Policy Community Service Award, 2007

Fellowships

University of Minnesota Doctoral Dissertation Fellowship, 2012-2013
 William Randolph Hearst Fellowship, 2008-2010
 Agency for Healthcare Research and Quality Pre-doctoral Trainee, 2007-2009

External Sources
Awards

Alice Hersh AcademyHealth Emerging Leader Award, 2020
 ASPPH Early Career Public Health Research Award, 2019-2020

Best Poster award Interdisciplinary Association for Population Health Sciences (IAPHS), 2019

NIH Health Disparities Loan Repayment Program, funded by National Institute on Minority Health and Health Disparities (NIMHD), National Institutes of Health (NIH), 2018-2020

John A. Benson Jr., Professionalism Article Prize, American Board of Internal Medicine Foundation, 2017

NIH Health Disparities Loan Repayment Program, funded by National Institute on Minority Health and Health Disparities (NIMHD), 2016-2018

Best Research Paper, Association for Medical Education Conference (AMEE), Barcelona, Spain, 2016

Health Affairs Most Read Blog Post of 2015: *Having a doula would make it better.*

How Medicaid coverage for doula care could improve birth outcomes, reduce health care costs, and improve equity, 2015

Forum Best Oral Abstract for 2014, AACH Research and Teaching Forum Presentation:

Student and School Predictors of Attitudes towards Empathic and Patient-centered Care among 4th Year Medical Students, 2014

AcademyHealth Disparities Interest Group Scholarship, 2012

AcademyHealth Minority Scholars Award Recipient, 2010

Fellowships

Institute for Advanced Studies (IAS) Residential Fellow, 2020-2021

Interdisciplinary Research Leaders Fellow, Robert Wood Johnson Foundation, 2016-2019

Aspen Institute Ideas Festival Fellow, 2017

Harvard University School of Public Health, Yerby Postdoctoral Fellowship (Declined), 2013

Otto Bremer Graduate Fellowship on Human Rights & Philanthropy, 2006-2007

United Negro College Fund (UNCF) Graduate Fellowship, 2006-2007

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Grants and Contracts

Received at the University of Minnesota

Grants Currently Funded

External Sources: Federal/National/Statewide

Role: **Principal Investigator**
Source: California Health Care Foundation
Type: Foundation
Title: Empowering Providers & Organizations to Eliminate Inequalities in Perinatal Health Care
Dates: 02/2020-12/2022
Direct Costs: \$400,000

Role: Faculty Consultant
Name of PI: Steve Ruggles, PhD (UMN CLA History and Population)
Source: National Institutes of Health (NIH)
Type: T32 Training Grant
Title: Minnesota Population Center T32 Training Grant
Dates: 01/2019-12/2024
Direct Costs: \$1,500,000

Role: Faculty Consultant
Name of PI: Steve Ruggles, PhD (UMN CLA History and Population)
Source: National Institutes of Health (NIH)
Type: T32 Training Grant
Title: Minnesota Population Center T32 Training Grant
Dates: 01/2019-12/2024
Direct Costs: \$1,500,000

Role: **Principal Investigator**
Source: Society of Family Planning (SFP)
Type: Changemakers in Family Planning
Title: Confronting Racism in Reproductive Health
Dates: 09/2019-12/2020
Direct Costs: \$80,000

Role: Co-Investigator
Name of PI: Amanda Nickel, MPH (Children's Hospital of MN)
Source: Children's Hospital 2018 Neonatal Grant Program
Title: Structural Racism and Income Equality: Associations with Adverse Birth Outcomes
Dates: 01/2019-06/2020
Direct Costs: \$50,000

Role: Faculty Consultant
Name of PI: Dave Van Riper, MS Minnesota Population Center
Source: National Institutes of Health (NIH)
Type: R01

Title: Integrated Public Use Microdata Series (IPUMS) National Historical Geographic Information System (NHGIS) National Spatiotemporal Population Research Infrastructure
 Dates: 09/2018-06/2023
 Direct Costs: \$1,500,000

Grants Currently Funded

Internal Source: University of Minnesota

Role: **Principal Investigator**
 Source: Minnesota Population Center
 Type: MPC Diversity Fellows Program
 Title: Developing a Multidimensional Measure of Structural Racism
 Dates: 03/01/2020-08/31/2020
 Direct Costs: \$25,000

Role: Faculty Mentor
 Name of PI: J'Mag Karbeah (Doctoral Student)
 Source: University of Minnesota Graduate School
 Type: Interdisciplinary Doctoral Fellowship
 Title: Lifecourse Implications of Policing in Early Adolescence
 Dates: 08/01/2019-08/31/2020
 Direct Costs: \$25,000

Role: **Co-Faculty Principal Investigator** (with Co-Faculty PI Eva Enns, SPH UMN)
 Name of PI: Tongtan (Bert) Chantarat (Doctoral Student)
 Source: Midwest Center for Occupational Safety and Health
 Type: Pilot Projects Research Training Program
 Title: Predicting Trends in Hypertension among Black and White Healthcare Workers: The critical assessment of an upstream factor
 Dates: 07/01/2019-06/30/2020
 Direct Costs: \$20,000

Role: Co-Investigator
 Name of PI: Alicia Kunin-Baston (Family Medicine & Community Health, UMN)
 Source: Clinical Translational Sciences Institute (CTSI)
 Type: CTSI Child Health Collaborative Grant
 Title: The Effects of Racism and Discrimination on Children's Health and Development: Implications for screening and intervention
 Dates: 02/15/2019-02/14/2021
 Direct Costs: \$200,000

Role: **Principal Investigator**
 Source: Grant-in-Aid of Research, Artistry, and Scholarship, University of Minnesota Office of the Vice President for Research
 Title: Police Violence and Reproductive Justice: Exploring the health impacts for Black Women living in a community where a high-profile event of police violence has occurred
 Dates: 06/2018-08/2020
 Direct Costs: \$70,000

Contracts Currently Funded***External Sources: Federal/National/Statewide***

Role: **Co-Principal Investigator**
 Co-PI: Nneka Sederstrom, PhD (Children's Hospitals and Clinics of Minnesota)
 Source: Children's Hospital of MN
 Title: The Color of Medicine
 Type: Consultancy/Contract
 Date: 11/2017-12/2019
 Direct Costs: \$90,000

Grants Previously Funded and Concluded***External Sources: Federal/National/Statewide***

Role: **Principal Investigator**
 Source: Minnesota Academy of Family Physicians (MAFP)
 Title: Exploring Health Impacts for Black Women in a Community with High Incidence of Police Violence
 Date: 1/2018-12/2019
 Direct Costs: \$3,000

Role: Co-Investigator
 Name of PI: Katy Kozhimannil, PhD (UM SPH)
 Source: Health Resources and Services Administration, PHS
 Title: Disparities in Preventive Care by Race and Ethnicity among Rural Adults
 Dates: 08/2018-12/2019
 Direct Costs: \$350,000

Role: **Multiple Principal Investigator**
 Multiple PIs: Rachel Hardeman, Katy Kozhimannil (SPH UMN), Rebecca Polston (CPM)
 Source: Robert Wood Johnson Foundation, Interdisciplinary Research Leaders
 Title: Improving Equity in Birth Outcomes, a Community-based, Culturally Centered Approach
 Date: 9/2016-8/2019
 Direct Costs: \$350,000

<http://spokesman-recorder.com/2017/06/28/midwives-color-may-improve-health-outcomes/>
<http://mspmag.com/health-and-fitness/studying-the-success-of-a-north-minneapolis-birth-center/>
<https://www.theguardian.com/society/2019/jul/24/black-midwives-photo-essay>

Role: **Principal Investigator**
 Source: Robert Wood Johnson Foundation, Interdisciplinary Research Leaders
 Title: Improving Equity in Birth Outcomes, a Community-based, Culturally Centered Approach
 Date: 9/2016-8/2019
 Direct Costs: \$75,000

Role: **Principal Investigator**
 Source: National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI)
 Title: Diversity Supplement (IRS) The Impact of Residency Factors on Racial, Size & LGBT Bias in Physician Trainees
 Date: 6/2016-8/2019
 Direct Costs: \$300,000

Role: Co-Investigator
 Name of PI: Michelle van Ryn, PhD, MPH (Mayo Clinic)

Source: National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI)
 Title: The Impact of Residency Factors on Racial, Size & LGBT Bias in Physician Trainees
 Date: 01/2015-10/2019
 Direct Costs: \$1,827,040

Role: Co-Investigator
 Name of PI: Sean Phelan, PhD, MPH (Mayo Clinic)
 Source: National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI)
 Title: Predictors of Change in Prosocial Attitudes during Medical Education
 Date: 02/2017-01/2019
 Direct Costs: \$238,500

Role: Co-Investigator
 Name of PI: Sean Phelan PhD, MPH (Mayo Clinic)
 Source: Office of Health Disparities Research, Mayo Clinic
 Title: The Impact of Parent Weight and Race on Decision-Making in Pediatric Diabetes Care
 Date: 1/2016-12/2016
 Direct Costs: \$35,000

Role: Co-Investigator
 Name of PI: Michelle van Ryn, PhD, MPH (Mayo Clinic)
 Source: National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI)
 Title: Contributions to Racial Bias in Medical Student Judgment and Decision-Making
 Date: 9/2009-9/2014
 Direct Costs: \$2,215,886

Role: **Principal Investigator**
 Source: National Institutes of Health (NIH), National Heart Lung Blood Institute (NHLBI)
 Graduate Research Supplement to Support Diversity in Health Related Research Grant
 Title: Contributions to Racial Bias in Medical Student Judgment and Decision-Making
 Date: 8/2011-11/2013
 Direct Costs: \$113,465

Grants Previously Funded and Concluded

Internal Source: University of Minnesota

Role: Co-Investigator
 Name of PI: Rebecca Shlafer (University of Minnesota, Department of Pediatrics)
 Source: Grand Challenges, University of Minnesota Office of the Provost
 Title: Identifying and Addressing Disparities in the Criminal Justice and Health Care Systems
 Dates: 01/2018-12/2019
 Direct Costs: \$569,000

Role: **Principal Investigator**
 Source: Minnesota Population Center
 Title: Exploring the Association between Structural Racism and Preterm Birth
 Dates: 06/2018-08/2018
 Direct Costs: \$5,000

Role: **Principal Investigator**
 Source: Institute for Diversity, Equity and Advocacy Multicultural Research Award,

Title: U of M, Office of the Vice President and Vice Provost for Equity & Diversity
#TinyBlackLivesMatter: An Exploration of the Association between Structural
Racism and Inequitable Birth Outcomes
Date: 06/2017-12/2017
Direct Costs: \$7,000

Role: **Co-Principal Investigator**
Name of PI: Brooke Cunningham, PhD, MD (Family Medicine & Community Health)
Source: University of Minnesota, Office of the Vice President for Research
Title: Come Step In It: Real Talk About Race
Date: 1/2016 - 12/2016
Direct Costs: \$35,000

Role: **Principal Investigator**
Source: University of Minnesota Clinical and Translational Science Institute Grant
Title: 2014 University of Minnesota Clinical Translational Sciences Institute Training
and Research Development Program Grant awardee
Date: 10/2014 - 10/2016
Direct Costs: \$36,000

Role: Co-Investigator
Name of PI: Katy Kozhimannil, PhD, MPH (UMN SPH)
Source: University of Minnesota Clinical and Translational Science Institute Grant
Title: 2014 CTSI Community Health Collaborative Grant
Date: 7/2014 - 12/2015
Direct Costs: \$64,963

Role: **Principal Investigator/Dissertation Fellow**
Source: University of Minnesota Graduate School
Title: Reconstructing Research: Exploring the Intersections of Race, Gender and SES in
Medical Education
Date: 5/2012 - 6/2013
Direct Costs: \$22,500

Grants Submitted and Under Review (decision pending)

External Source: Federal/National/Statewide

Role: Co-Investigator
Name of PI: Sam Myers PhD
Source: NIH, Eunice Kennedy Shriver National Institute of Child Health and Human
Development (NICHD)
Type: P30 Center Grant, UMN Lifecourse Center
Title: The Paradox of Racial Disparities in Alzheimer's Disease: A Pilot Study
Date: June 2019

Role: Co-Investigator
Name of PI: Anu Gomez PhD
Source: NIH, Eunice Kennedy Shriver National Institute of Child Health and Human
Development (NICHD)
Type: R01
Title: Structural Racism and Family Planning: A Systems Science Approach
Date: February 2020

Role: **Principal Investigator**
Source: NIH, National Institute on Minority Health and Health Disparities NIMHD
Type: R01
Title: Community Trauma and Pathways to Reproductive Health Outcomes
Date: February 2020
Score 27

Grants Submitted and Under Review (decision pending)

Internal Source: University of Minnesota

Grant Development (in Progress or Preparation)

External Sources: Federal/National/Statewide

Role: **Co-Principal Investigator**
Name Co-PI: Dara Mendez (University of Pittsburgh)
Source: NIH, National Institute on Minority Health and Health Disparities (NIMHD)
Type: R01
Title: Developing Measures of Structural Racism
Date of Planned Submission: June 2020

Role: **Principal Investigator**
Source: NIH, NHLBI
Type: R21
Title: OB/GYN Bias, Disrupting the Narratives that Lead to Biased Care
Date of Planned Submission: June 2020

Role: Co-Investigator
Name of PI: Atheendar Venkataramani, MD, PhD (University of Pennsylvania School of Medicine)
Source: NIH, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Type: R01
Title: Estimating the Causal Effect of Exposure to Police Killings of Unarmed Black Americans on Birth Outcomes among Black Infants Exposed *In Utero*.
Date of Planned Submission: June 2020

Grants Submitted and Not Funded

External Source: Federal/National/Statewide

Role: **Principal Investigator**
 Source: Gates Foundation
 Type: Grand Challenges Exploration
 Title: Black Maternal Mortality Inequities: Closing the Gap
 Date: November 2019

Role: **Principal Investigator**
 Source: Russell Sage Foundation
 Title: Developing a Multidimension Measure of Structural Racism
 Dates: 12/2020
 Direct Costs: \$50,00

Role: **Principal Investigator**
 Source: National Center for Gun Violence Research
 Title: Policing the Body: Officer Involved Shootings as a Structural Determinant of Population Health and Health Inequities in the US
 Dates: 01/2020
 Direct Costs: \$300,931

Role: Co-Investigator
 Source: Arnold Ventures
 Title: Mass Probation and Health: Understanding Supervision’s Impact on Adults
 Dates: 01/2020-12/2022
 Direct Costs: \$457,931

Role: Co-Investigator
 Name of PI: Michelle Ko, MD (Center for Poverty Research, UC Davis)
 Source: Greenwall Foundation
 Title: Achieving Diversity in Medicine: The Ethics of Medical School Admissions
 Direct Costs: \$100,000
 Date Submitted: March 2019

Role: **Co-Principal Investigator**
 Name Co-PI: Julie Nielson, PhD (NorthPoint Health and Wellness)
 Source: Blue Cross Blue Shield Foundation
 Title: Collective Community Investment: An exploration of the economic and social impact of the Penn-Plymouth Partnership (P3) on health and wellbeing in North Minneapolis
 Submitted: March 2019
 Direct Costs: \$200,000

Role: Co-Investigator
 Name of PI: Jerica Berge, PhD (Family Medicine & Community Health, UMN)
 Source: NIH, NHLBI Clinical Ancillary Studies
 Type: R01
 Title: Discrimination and Harassment Experienced by Racially/Ethnically Diverse Adults and Children during the Shifting Sociopolitical Climate and Longitudinal Associations with Mental and Physical Health
 Re-Submitted: November 2018; Original Submission March 2018 (see below)
 Direct Costs: \$900,000

Score Received: 40

Role: Co-Investigator
 Name of PI: Jerica Berge, PhD (Family Medicine & Community Health, UMN)
 Source: NIH, NHLBI Clinical Ancillary Studies
 Type: R01
 Title: Discrimination and Harassment Experienced by Racially/Ethnically Diverse Adults and Children during the Shifting Sociopolitical Climate and Longitudinal Associations with Mental and Physical Health
 Date Submitted: Original Submission March 2018; Re-Submitted November 2018 (see above)
 Direct Costs: \$900,000

Score Received: 32

Role: Co-Investigator
 Name of PI: Atheendar Venkataramani, MD, PhD (University of Pennsylvania School of Medicine)
 Source: NIH, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
 Type: R01
 Title: Estimating the Causal Effect of Exposure to Police Killings of Unarmed Black Americans on Birth Outcomes among Black Infants Exposed *In Utero*.
 Date Submitted: January 2019
 Direct Costs: \$900,000

Score received: 40

Role: **Principal Investigator**
 Source: NIH, National Institute on Minority Health and Health Disparities NIMHD
 Type: R01
 Title: Community Trauma and Pathways to Reproductive Health Outcomes
 Re-Submitted: December 2018; Original Submission June 2018 (see below)
 Direct Costs: \$1,872,040

Role: **Co-Principal Investigator**
 Name of Co-PI: Maeve Wallace, PhD (Tulane University)
 Source: NIH, National Institute on Minority Health and Health Disparities NIMHD
 Type: R01
 Title: Community Trauma and Pathways to Reproductive Health Outcomes
 Date Submitted: June 2018; Re-Submitted December 2018 (see above)
 Direct Costs: \$1,672,040

Role: Co-Investigator
 Name of PI: Ifeyinwah Asiodu
 Source: International Board of Lactation Consultant Examiners
 Title: Motivations for Entering the Lactation Profession: Perspectives from People of Color
 Date Submitted: August 2017
 Direct Cost: \$100,000

Role: Co-Investigator
 Name of PI: Marla Eisenberg ScD, MPH (Department of Pediatrics, UMN)
 Source: Department of Health and Human Services, Office of the Secretary, Office of the Minority Health
 Title: Health Equity Action, Research and Training Data Center (HEART-DC)

Date Submitted: Spring 2017
Direct Cost: \$2,000,000

Grants Submitted and Not Funded
Internal Source: University of Minnesota

Role: **Principal Investigator**
Source: CURA
Type: FIRP
Title: Developing Measures of Structural Racism
Date: March 2020

Role: Co-Investigator
Source: University of Minnesota Medical School
Type: Academic Investment Education Program
Title: Initiative for Health Equity Education, Training, and Faculty Development
Dates: 09/2019-12/2020
Direct Costs: \$80,000

Role: **Principal Investigator**
Source: Center for Urban and Regional Affairs (CURA) The Fesler-Lampert Chair in Urban and Regional Affairs
Title: Developing Measures of Structural Racism through a Community- based approach
Submitted: March 2019
Direct Costs: \$50,000

Role: **Co-Principal Investigator**
Name of Co-PI: Jerica Berge, PhD (Family Medicine & Community Health, UMN)
Source: Academic Health Center, University of Minnesota
Type: AHC FRD Grant
Title: Discrimination and Harassment Experienced by Racially/Ethnically Diverse Adults and Children during the Shifting Sociopolitical Climate and Longitudinal Associations with Mental and Physical Health
Submitted: December 2018
Direct Costs: \$300,000

Role: **Principal Investigator**
 Source: University of Minnesota, Clinical Translational Sciences Institute (CTSI)
 Title: Racism Not Race: Exploring the Impact of Structural Racism on Reproductive Health Outcomes
 Submitted: August 2018 Direct Costs: \$50,000

Role: **Co-Principal Investigator**
 Name Co-PI: Julie Nielson, PhD (NorthPoint Health and Wellness)
 Source: UMN Office of the Provost
 Title: Collective Community Investment: An Exploration of the Economic and Social Impact of the Penn-Plymouth Partnership (P3) on Health and Wellbeing in North Minneapolis
 Submitted: June 2018 Direct
 Costs: \$325,000

Publications

Refereed/Peer Reviewed Journal Articles

Underlined text indicates student co-authors.

1. **Hardeman R**, Medina E, Boyd R. Stolen Breaths. *New England Journal of Medicine*. Published online ahead of print June 10, 2020.
2. Kozhimannil KB, Almanza J, **Hardeman R**. Racial and Ethnic Diversity in the Nursing Workforce: a Focus on Maternity Care. *Policy, Politics & Nursing Practice*. Forthcoming/In Press.
3. Alang S, McAlpine D, **Hardeman R**. Police Brutality, Race and Medical Mistrust. Submitted and Under Review: *Journal of Racial and Ethnic Health Disparities* (Role: Assisted with conceptualization of study, interpretation of findings and drafting manuscript)
4. **Hardeman R**, Karbeah J, Almanza J, Kozhimannil K., Polston R. We are the Ones We've Been Waiting for: Birth equity research for and by a Black, Indigenous and People of Color (BIPoc) Research Team. Submitted and Under Review: *Midwifery Matters* (Role: Led analysis and drafting of manuscript)
5. Sidebottom A, Vacquier M, LaRusso E, Erickson D, **Hardeman R**. Perinatal Depression Screening Practices in a Large Health System: Identifying Current State and Assessing Opportunities to Provide More Equitable Care. Submitted and Under Review: *ACOG Green Journal* (Role: Senior author, assisted with conceptualization of introduction and discussion and drafting all sections of manuscript as well as interpretation of findings)
6. Dyer L, **Hardeman R**, Wallace M, Theall K. Mass Incarceration and Public Health: The Association between Black Jail Incarceration and Adverse Birth Outcomes among Black Women in Louisiana. In Press: *BMC Pregnancy* (Role: Offered feedback on and assisted with analyses and interpretation of findings assisted with writing manuscript)
7. Henning-Smith C, Hernandez A, **Hardeman R**, Ramirez M, Kozhimannil KB. Rural Lives Lost: Rural Counties with Majority Black or Indigenous Populations Suffer Highest Rates of Premature Death. Forthcoming/In Press: *Health Affairs* (Role: Assisted with conceptualization of manuscript, interpretation of findings and drafting manuscript)
8. Cerdeña J, Rehman T, **Hardeman R**. Why Bias Matters in Medicine: Qualitative Insights from

Anonymous, Online Reports. Forthcoming/In Press: *Journal of the National Medical Association* (Role: Senior author, assisted student authors with analyses and interpretation of findings and drafting of manuscript)

9. Blewett LA, **Hardeman RR**, Winkelman TNA, Hest R. Patient Perspectives on the Cultural Competence of Health Care Providers in the United States, 2017. *JAMA network open*, 2(11), e1916105-e1916105. (Role: Led interpretation of findings and assisted with writing manuscript)
10. Onyeador, IN, Wittlin NM, Burke SE, Dovidio JF, Perry S, **Hardeman RR**, Dyrbye L, Herrin J, Phelan S, van Ryn M. The Distinct Value of Incremental Interracial Contact for Reducing Racial Bias among Physicians: A CHANGES Study Report. Forthcoming/In Press: *Psychological Science* (Role: Assisted in interpretation of findings, assisted with analyses and writing of manuscript)
11. **Hardeman R**, Karbeah J, Kozhimannil K. Applying a Critical Race Lens to Relationship Centered Care in Pregnancy and Childbirth: An Antidote to Structural Racism. Forthcoming/In Press: *Birth* (Role: Led conceptualization and writing of manuscript)
12. Dyrbye, L., Herrin, J., West, C. P., Wittlin, N. M., Dovidio, J. F., **Hardeman, R.**, ... & van Ryn, M. (2019). Association of Racial Bias With Burnout Among Resident Physicians. *JAMA network open*, 2(7), e197457-e197457. (Role: Assisted in interpretation of results, assisted with analyses and writing of manuscript) https://www.washingtonpost.com/health/burned-out-doctors-may-be-more-prone-to-racial-bias/2019/07/26/4bb45d94-af28-11e9-a0c9-6d2d7818f3da_story.html
13. **Hardeman R**, Karbeah J, Almanza J, Kozhimannil KB. Roots Community Birth Center: A Culturally-centered Care Model for Improving Value and Equity in Childbirth. Forthcoming/In Press. *Healthcare: The Journal of Delivery Science and Innovation* (Role: Led conceptualization and drafting of manuscript) <https://www.mprnews.org/story/2019/08/21/maternitydisparities> <https://www.mprnews.org/story/2019/08/19/for-black-mothers-and-babies-prejudice-is-a-stubborn-health-risk>
14. Alsan M, Wanamaker M, **Hardeman RR**. The Tuskegee Study of Untreated Syphilis: Implications for Health Professionals. Forthcoming/In Press. *Journal General Internal Medicine* (Role: Senior-author, assisted with shaping and conceptualizing ideas and writing and revising the manuscript)
15. Phelan SM, Burke SE, Cunningham BA, Perry SP, **Hardeman RR**, Dovidio JF, Herrin J, Dyrbye L, White RO, Yeazel MO, Harden K, van Ryn M. Racism in Medical Education: Its Effect on Student Decision to Practice in Under-Served or Minority Communities. Forthcoming/In Press: *Academic Medicine*. (Role: Assisted in the interpretation of results and writing manuscript.)
16. Shlafer R, **Hardeman R**, Carlson E. Reproductive Justice for Incarcerated Women and Advocacy for their Infants and Young. *Infant Mental Health Journal*. Journal 2019 July 19. (Role: Co-lead writing of manuscript.)
17. Attanasio L, **Hardeman R**. Declined Care and Discrimination during the Childbirth Hospitalization. *Social Science & Medicine*. 2019: 232(270-77) (Role: Senior author, assisted with review of analyses and shaping and conceptualizing article)
18. Karbeah J, **Hardeman R**, Almanza J, Kozhimannil K. Identifying the Key Elements of Racially Concordant Care in a Free-Standing Birth Center. *Journal of Midwifery & Women's Health*. DOI:10.1111/jmwh.13018. 2019. [Epub ahead of print]. (Role: Offered guidance and mentorship to student first author, assisted student with analyses, interpretation and writing of manuscript)

19. Knapp C, Howell B, Wang E, Schlafer R, **Hardeman R**, Winkleman T. Health Insurance Gains Among Individuals Recently on Probation Three Years After Implementation of the Affordable Care Act. July 2019, Volume 34, Issue 7, pp 1086–1088. *Journal of General Internal Medicine* (Role: Offered feedback, editing and writing of manuscript.)
20. Almanza J, Karbeah J, Kozhimannil K, **Hardeman R**. The Experience and Motivations of Midwives of Color in Minnesota: Nothing for Us Without Us. *Journal of Midwifery & Women's Health*. 2019. doi:10.1111/jmwh.13021 [Epub ahead of print]. (Role: Senior-author, guided the analyses and drafting of article, etc.)
21. Dyrbye, LN, Burke SE, **Hardeman RR**, Herrin J, Wittlin NM, Yeazel M, Dovidio JF, Cunningham B, White RO, Phelan SM, Satele DV, Shanafelt TD, van Ryn M. Association of Clinical Specialty with Symptoms of Burnout and Career Choice Regret among U.S. Resident Physicians. *JAMA*. 2018;320(11):1114-1130 (Role: Assisted with analyses and interpretation of findings and contributed to writing manuscript.)
22. Groos M, Wallace M, **Hardeman R**, Theall K. Measuring Inequity: A Systematic Review of Methods Used to Quantify Structural Racism. *Journal of Health Disparities Research and Practice* 11.2 (2018):13. (Role: Assisted with conceptualization of manuscript, interpretation of findings and drafting manuscript.)
23. Phelan S, Lynch B, Blake K, Hartigan D, **Hardeman RR**, Wilson P, Branda M, Rutten L. The Impact of Patient Obesity on Patient-Centered Communication: Differences by Gender. May 11, 2018. *Obesity Science & Practice*. (Role: Assisted with writing and critical revisions of manuscript.)
24. Burgess D, **Hardeman RR**, Burke SE, Cunningham BA, Dovidio JF, Nelson DB, Perry SP, Phelan S, Yeazel M, van Ryn M. Political Orientation Affects Outcomes Related to Care of Marginalized Groups: Results from the Medical Student CHANGES Study. 2018. 44 (1): 113-146. *Journal of Health Politics, Policy and Law*. (Role: Assisted with development of research questions and analyses, co-led writing and critical revisions of manuscript.)
25. Dyrbye LN, Wittlin NM, **Hardeman RR**, Yeazel M, Herrin J, Dovidio JF, Burke SE, Cunningham B, Phelan SM, Shanafelt TD, van Ryn M. A Prognostic Index for Developing Depression in US Medical Students Derived from A National, Four Year Longitudinal Study. 94.2 (2019): 217-226, *Academic Medicine*. (Role: Assisted with writing manuscript, particularly in my content area of expertise around race, medicine and well-being.)
26. **Hardeman RR**, Burgess DB, Murphy K, Satin DJ, Nievesen J, Potter TM, Karbeah J, Zulu- Gillespie M, Apolinario-Wilcoxon A, Reif C, Cunningham B. Developing a Medical School Curriculum on Racism: Multidisciplinary, Multiracial Conversations Informed by Public Health Critical Race Praxis (PHCRP). *Ethnicity & Disease* 28. Supp 1 (2018): 271-278. (Special issue on Health and Critical Race Theory) (Role: Conceptualized and wrote manuscript, conducted qualitative analyses.)
27. **Hardeman RR**, Murphy K, Karbeah J, Kozhimannil K. Naming Institutionalized Racism in the Public Health Literature: A Systematic Literature Review. Published Online April 3. *Public Health Reports*. doi: 10.1177/0033354918760574 (Role: Supported student in study design, led writing and preparation of manuscript for publication.)

28. Attanasio L, **Hardeman RR**, Kjerulff K, Kozhimannil KB. Prenatal Attitudes toward Vaginal Delivery and Actual Delivery Mode: Variation by Race/Ethnicity and Socioeconomic Status. *Birth*. 2017 Dec;44(4):306-314 doi: 10.1111/birt.12305
(Role: Assisted in conceptualization of research questions and analyses, contributed to writing and revisions of manuscript.)
29. Kozhimannil KB, **Hardeman RR**, Henning-Smith C. Maternity Care Access, Quality, and Outcomes: A Systems-Level Perspective on Research, Clinical, and Policy Needs. *Seminars in Perinatology*. 2017 Oct;41(6):367-374.
(Role: Assisted in conceptualization and writing of manuscript.)
30. Phelan SP, Burke S, **Hardeman RR**, White R, Przedworski J, Yeazel M, Van Ryn M. Medical School Experiences Associated with Changes in Implicit and Explicit Attitudes Towards Sexual Minorities Among Graduating Medical Students. *Journal of General Internal Medicine*. Published online August 1, 2017.
(Role: Assisted with research questions and analyses, provided critical revisions of manuscript.)
31. Burke SE, Dovidio JF, Perry SP, Burgess DJ, **Hardeman RR**, Phelan SM, Cunningham BA, Yeazel MW, Przedworski JM, van Ryn M. Informal Training Experiences and Explicit Bias against African Americans among Medical Students. *Social Psychology Quarterly*. Published online March 1, 2017. <http://journals.sagepub.com/doi/full/10.1177/0190272516668166> (Role: Assisted with research questions and analyses, provided critical revisions of manuscript.)
32. Alang S, McAlpine D, McCreedy E, **Hardeman RR**. Police Brutality and Racial Health Inequities: Specifying Pathways and Setting the Agenda for Public Health Scholars. *American Journal of Public Health*. 107, no. 5 (2017): 662-665. Media coverage: Spokesman Recorder and TC Daily Planet.
(Role: Assisted with research questions and provided critical revisions of manuscript.)
33. Burke S, Dovidio J, LaFrance M, Przedworski J, Perry S, Phelan S, Burgess D, **Hardeman R**, Yeazel M, van Ryn M. Beyond Generalized Sexual Prejudice: Need for Closure Predicts Negative Attitudes Toward Bisexual People Relative to Gay/Lesbian People. *Journal of Experimental Social Psychology*. 2017 Jul;71:145-150. doi: 10.1016/j.jesp.2017.02.003. Epub 2017 Feb 24.
(Role: Assisted with research questions and provided critical revisions of manuscript.)
34. **Hardeman RR**, Przedworski J, Burke S, Perry SP, Burgess DJ, Phelan S, Dovidio JF, van Ryn M. The Medical School Diversity Climate as a Predictor of Depression in a National Sample of Medical Students: A Report from the Medical Student CHANGE Study. *Journal of the National Medical Association* 108.4 (2017): 225-235. Media Coverage: ASPPH: <http://www.aspph.org/minnesota-study-shows-negative-diversity-climate-raises-depression-risk-in-medical-school-students/>
(Role: Led study design, data analysis, data interpretation, and drafted manuscript.)
35. **Hardeman RR**, Medina E, Kozhimannil KB. Structural Racism and Supporting Black Lives—The Role of Health Professionals. *New England Journal of Medicine* (2016): 375:2113-2115. Media coverage: KSTP TV (Minneapolis ABC Affiliate), MinnPost (Role: Conceptualized topic, wrote manuscript.)
36. Burgess DJ, Burke SE, Cunningham BA, Dovidio JF, **Hardeman RR**, Nelson DB, Perry SP, Phelan SM, Yeazel MW, Hou Y, van Ryn M. Medical Students' Learning Orientation Regarding Interracial Interactions Affects Preparedness to Care for Minority Patients: A Report from Medical Student CHANGES. *BMC Medical Education* 16, no. 1 (2016): 254. (Role: Helped conceptualize topic,

conceptualized research design, interpreted findings, helped write manuscript.)

37. **Hardeman RR**, Kozhimannil KB. Motivations for Entering the Doula Profession: Perspectives from Women of Color. *Journal of Midwifery and Womens Health*, 2016 Nov 14 [Epub ahead of print]. doi: 10.1111/jmwh.12497. Media coverage: Spokesman Recorder: <http://spokesman-recorder.com/2017/06/28/midwives-color-may-improve-health-outcomes/> and ASPPH: <http://www.aspph.org/minnesota-study-shows-doula-support-improves-birth-outcomes-by-enhancing-resilience-among-women-of-color/>
(Role: Conceptualized topic and research design, obtained and analyzed data, wrote manuscript.)
38. Kozhimannil KB, **Hardeman RR**, Vogelsang CA, Prasad S. Disrupting the Pathways of Social Determinants of Health: Doula Support during Pregnancy and Childbirth. *Journal of the American Board of Family Medicine*, 2016; 29(3)308-317
(Role: Helped conceptualize topic and research design, assisted with research questions, obtained and analyzed data, helped write manuscript.)
39. Kozhimannil KB, **Hardeman RR**, Alarid-Escudero F, Vogelsang CA, Blauer-Peterson C, Howell EA. Modeling the Cost Effectiveness of Doula Care Associated with Reductions in Preterm Birth and Cesarean Delivery. *Birth*, 2016;43(1):20-7. Media coverage: National Public Radio, Minneapolis Star Tribune, Minnesota Public Radio, KSTP TV (Minneapolis ABC Affiliate), WCCO TV (Minneapolis CBS Affiliate), MinnPost.
(Role: Helped conceptualize topic, conceptualized research design, obtained and analyzed data, wrote manuscript.)
40. Kozhimannil KB, **Hardeman RR**. Coverage for Doula Services: How State Medicaid Programs can Address Concerns about Maternity Care Costs and Quality. *Birth*. 2016; 43(2)97-99.
(Role: Helped conceptualize topic, assisted in writing and edits.)
41. Perry SP, **Hardeman RR**, Burke S, Cunningham B, van Ryn M. The Impact of Everyday Discrimination and Racial Identity Centrality on African American Medical Student Well-Being: A Report from the Medical Student CHANGE Study. *Journal of Racial and Ethnic Disparities in Health* 2016;3(3):519-526. doi:10.1007/s40615-015-0170-3. Epub 2015 Oct 20. *(Role: Helped conceptualize topic, conducted literature review, wrote manuscript.)*
42. **Hardeman RR**, Perry S, Phelan SM, Przedworski J, Burgess DJ, van Ryn M. Racial Identity and Mental Well-being: The Experience of African American Medical Students, a Report from the Medical Student CHANGE Study. *Journal of Racial and Ethnic Health Disparities* 2016;3(2):250-258. doi: 10.1007/s40615-015-0136-5. Epub 2015 Jun 20.
(Role: Led study design, data analysis, data interpretation, and drafted manuscript.)
43. Phelan S, Puhl R, Burke S, **Hardeman R**, Dovidio JF, Nelson D, Przedworski J, Burgess D, Perry S, Yeazel M, van Ryn M. The Mixed Impact of Medical School on Medical Students' Implicit and Explicit Weight Bias. *Medical Education* 2015;49(10):983-992. doi: 10.1111/medu.12770.
(Role: assisted with manuscript write-up and edits.)
44. van Ryn M, **Hardeman RR**, Phelan SM, Burgess DJ, Dovidio J, Herrin J, Burke S, Nelson D, Perry S, Yeazel M, Przedworski J. Medical School Experiences Associated with Change in Implicit Racial Bias among 3547 Medical Students: a Medical Student CHANGES Study Report. *Journal of General Internal Medicine* 2015;30(12):1748-1756. doi: 10.1007/s11606-015-3447-7. Epub 2015 Jul 1.
(Role: Helped conceptualize topic, conceptualized research design, obtained and analyzed data, wrote sections of manuscript.)
45. Phelan S, Burgess D, Burke S, Przedworski J, Dovidio J, **Hardeman R**, Morris M, vanRyn M.

- Beliefs about the Causes of Obesity in a National Sample of 4th Year Medical Students. *Patient Education and Counseling* 2015;98(11):1336-1449. doi: 10.1016/j.pec.2015.06.017. ePub 2015 Jun 27. (Role: assisted with research questions, obtained and analyzed data, helped write manuscript.)
46. Phelan SM, Burgess D, Puhl RM, Dyrbye L, Dovidio JF, Yeazel M, Ridgeway J, Nelson D, Przedworski J, Burke S, **Hardeman R**, van Ryn M. The Adverse Effect of Weight Stigma on the Well-being of Medical Students with Overweight or Obesity: Findings from a National Survey. *Journal of General Internal Medicine* 2015. 30(9):1251-1258. doi: 10.1007/s11606-015-3266-x. (Role: Assisted with research questions and provided critical revisions of manuscript.)
 47. **Hardeman RR**, Przedworski J, Burke S, Burgess D, Phelan S, Dovidio J, Nelson D, Rockwood T, van Ryn M. Mental Well-being in First Year Medical Students: A Comparison by Race and Gender. *Journal of Racial and Ethnic Health Disparities* 2015;2(3):403-413. doi: 10.1007/s40615-015-0087-x. (Role: Led study design, data analysis, data interpretation, and drafted manuscript.)
 48. **Hardeman RR**, Burgess D, Phelan S, Yeazel M, Nelson D, van Ryn M. Medical student Socio-demographic Characteristics and Attitudes towards Patient Centered Care: Do Race, Socioeconomic Status and Gender Matter? *Patient Education and Counseling* 2015;98(3): 350-355. doi: 10.1016/j.pec.2014.11.013. ePub 2014 Nov 18. (Role: Led study design, data analysis, data interpretation, and drafted manuscript.)
 49. Phelan SM, **Hardeman RR**. Health Professionals' Pain Management Decisions are Influenced by their Role (Nurse or Physician) and by Patient Gender, Age, and Ethnicity. *Evidence-Based Nursing* 2015;18(2):58. doi: 10.1136/eb-2014-101917. ePub 2014 Aug 13. (Role: Assisted with research questions and provided critical revisions of manuscript.)
 50. Phelan S, Dovidio JF, Puhl RM, Burgess DJ, Nelson DB, Yeazel MW, **Hardeman RR**, Perry S, van Ryn M. Implicit and explicit Weight Bias in a National Sample of 4732 Medical Students: The Medical Student CHANGES Study. *Obesity* 2014; 22(4):1201-1208. doi: 10.1002/oby.20687. ePub 2014 Jan 9. (Role: Provided critical revisions of manuscript.)
 51. Przedworski J, Dovidio J, **Hardeman RR**, Phelan S, Burgess D, Burke S, Nelson D, van Ryn. A Comparison of the Mental Health and Well-being of Sexual Minority and Heterosexual First-year Medical Students: A Report from the Medical Student CHANGES Study. *Academic Medicine* 2015;90(5):652-659. doi: 10-1097/ACM.0000000000000658. (Role: Helped develop research questions for the study, helped conduct empirical analyses and data interpretation, and provided critical revisions of manuscript.)
 52. Burke SE, Dovidio J, Przedworski JF, **Hardeman RR**, Perry SP, Phelan SM, Nelson DB, Burgess DJ, Yeazel MW, van Ryn M. Do Contact and Empathy Mitigate Bias Against Gay and Lesbian People among Heterosexual First-year Medical Students? A Report from the Medical Student CHANGE Study. *Academic Medicine* 2015;90(5):645-651. doi: 1097.ACM.0000000000000661. (Role: Assisted with research questions, conceptualized research design, provided critical revisions of manuscript.)
 53. Garcia C, Zhang L, Holt K, **Hardeman RR**. Latina Adolescent Sleep and Mood: An Ecological momentary assessment pilot study. *Journal of Child and Adolescent Psychiatric Nursing* 2014;27(3):132-141. doi: 10.1111/jcap.12082. (Role: Assisted with research questions and provided critical revisions of manuscript.)
 54. van Ryn M, **Hardeman R**, Phelan S, Burke S, Przedworski J, Allen M, Burgess D, Ridgeway J, White R, Dovidio J. Psychological Predictors of Attitudes toward Physician Empathy in Clinical Encounters Among 4732 1st year Medical Students: A Report from the CHANGES Study. *Patient*

Education and Counseling 2014;96(3): 367-375. doi: 10.1016/j.jpec.2014.06.009. Epub 2014 Jul 10. (Role: Helped conceptualize topic, conceptualized research design, analyzed data, wrote manuscript.)

55. Garcia C, **Hardeman RR**, Kwon G, Lando-King E, Zhang L, Genis T, Brady SS, Kinder E. Teenagers and Texting: Use of a Youth Ecological Momentary Assessment System in Trajectory Health Research with Latina Adolescents. *Journal of Medical Internet Research Mhealth Uhealth* 2014;2(1):e3. doi: 10.2196/mhealth.2576. (Role: Helped conceptualize topic, conceptualized research design, analyzed data, wrote manuscript.)
56. Kozhimannil KB, **Hardeman R**, Attanasio L, Blauer-Peterson C, O'Brien M. Doula Care and Birth Outcomes: The Potential for Improving Care and Reducing Costs for Diverse, Low-Income Women. *American Journal of Public Health*. 2013;103(4): e113–e121. Legislation: Minnesota Senate File 699; Press coverage: Huffington Post, KSTP TV (Minneapolis - ABC affiliate), Star Tribune, MinnPost, Health Talk, Medscape, AJPB Blog, Daily Beast. (Role: Helped conceptualize topic and research design, assisted with research questions, provided input on data analysis, helped write manuscript.)
57. Kozhimannil KB, Attanasio LB, **Hardeman RR**, O'Brien M. Doula Care Supports Near-universal Breastfeeding Initiation among Diverse, Low-income Women. *Journal of Midwifery & Women's Health*, 2013; 58(4):378-382. Press coverage: Minneapolis Star Tribune, Childbirth Collective. (Role: Provided critical review and input on drafts of manuscript, assisted with data analysis.)
58. Henning-Smith C, Shippee TP, McAlpine D, **Hardeman RR**, Farah F. Stigma, Discrimination, or Symptomatology Differences in Self-reported Mental Health Between US- born and Somali-born Black Americans. *American Journal of Public Health* 2013;103(5):861-87. doi: 10.2105/AJPH.2012.301184. Epub 2013 Mar 14. (Role: Provided critical review and input on drafts of manuscript.)
59. **Hardeman RR**, Garcia C, Pagan JA. Where Would You Rather Live If You Were Insured? Assessing Community Uninsurance Spillover Effects on the Insured. *Journal of Immigrant and Minority Health* 2012;14(4):706-714. doi: 10.1007/s10903-011-9531-0. (Role: Co-led study design, data analysis, data interpretation, and drafted manuscript.)
60. Garcia C, Pagan, JA, **Hardeman RR**. Context Matters: Where Would You Be the Least Worse Off in the US if You were Uninsured? *Health Policy* 2010;94(1):76-83. doi: 10.1016/j.healthpol.2009.08.010. Epub 2009 Sep 17. (Role: Co-led study design, conducted data analysis, data interpretation, and assisted in drafting manuscript.)

Letters, Introductions, and Interviews in Refereed/Peer Reviewed Journals

- *1. McLemore M, Asiodu I, Crear-Perry J, Davis DA, Drew M, **Hardeman R**, Mendez D, Roberts L, Scott KA. Race, Research and Women's Health: Best Practice Guidelines for Investigators. *Obstetrics & Gynecology*. Forthcoming/In Press
- *2. **Hardeman R**, Medina E, Kozhimannil K. Race vs. Burden in Understanding Health Equity, a Response to Kindig's Population Health Equity Rate and Burden, Race and Class. *JAMA*. May 23/30
- *3. Alang S, **Hardeman R**, McAlpine D, McCreedy E, Alang, et al. respond. *American Journal*

of *Public Health*. August 2017. Vol 107, No 8.

- *4. Kozhimannil KB, Henning-Smith C, **Hardeman RR**. Reducing Maternal Health Disparities: The Rural Context. Letter to the Editors of the *American Journal of Obstetrics and Gynecology*, February 2017 Volume 216, Issue 2, Pages 193–194. 2016 Sep 22. doi: 10.1016/j.ajog.2016.09.090. [Epub ahead of print].

Refereed/Peer Reviewed Journal Articles Submitted and Under Review (decision pending)

- *1. Smith L, **Hardeman R**. Effect of Summer Heat Waves on the Probability of Preterm Birth. Submitted and Under Review: *IJERP*
(Role: Senior author, offered feedback on analyses and interpretation of findings and assisted with drafting manuscript)
- *2. **Hardeman RR**, Chantarat T, Karbeah J, Smith L, Van Riper D, Mendez D. Association between Police Contact and Preterm Birth Inequity in Minnesota. Submitted and Under Review: *Journal of Urban Health*
(Role: Led conceptualization, analyses and drafting of manuscript)
- *3. **Hardeman R**, Karbeah J, Chantarat T, Attanasio L. Who Switches Provider during Prenatal Care? Submitted and Under Review: *Medical Care*
(Role: Led conceptualization, analyses and drafting of manuscript)
- *4. Curwick K, **Hardeman R**, McCullough M. Medicaid Work Requirements Employ Institutional Racism. Submitted and Under Review: *Ethnicity & Disease* (Role: Guided student first author in conceptualization and drafting of manuscript)

Refereed/Peer Reviewed Journal Articles Previously Submitted, Revised and Resubmission Under Review (decision pending)

- *1. Greenwood B, **Hardeman R**, Sojourner A, Huang L. Physician-Patient Racial Concordance and Disparities in Birth Outcomes for Newborns. Submitted and Under Review: *PNAS*
(Role: Led conceptualization of manuscript, assisted with interpretation of analyses and writing of manuscript)

Refereed/Peer Reviewed Journal Articles Previously Submitted and Under Revision for Resubmission

Refereed/Peer Reviewed Journal Articles in Progress or Preparation

- *1. **Hardeman R** & Howell E. Developing a Definition of Racism for Maternal Mortality Review Committees. Expected to *JAMA*.
- *2. **Hardeman R**, Vilda D, Dyer L, Chambers B, Crear-Perry J, Wallace M. Structural Racism and Pregnancy Related Mortality. Expected to *JAMA Open Network*
- *3. Vilda D, **Hardeman R**, Dyer L, Theall K, Wallace M. Structural racism, racial disparities and urban-rural differences in infant mortality in the US. Submitted and Under Review: *AJPH*
- *4. Chantarat T, **Hardeman R**. Decomposing Black-White Disparity in Infant Mortality Rates.

Submission expected to *Maternal Child Health*

- *5. Chantarat T, **Hardeman R**, Enns E. Addressing Racial Disparity in Sudden Infant Death Syndrome Using Microsimulation: The Role of Breastfeeding. Submission expected to *Birth*
- *6. **Hardeman R**, Karbeah J, Kozhimannil K. From a Place of Love. Submission expected to: *Social Science & Medicine*
- *7. Mendez D, T, Chambers B, Chapple-McGruder, **Hardeman R**, Schiff M. Redlining and birth outcomes in Pennsylvania. Submission expected to: *American Journal of Public Health*
- *8. Almanza J, **Hardeman R**, Mahoney J, McDaniel D, Cornell A, Kozhimannil K. Reducing Racial and Ethnic Disparities in Perinatal Health: The Necessity of Community in Leading Meaningful Change. Submission expected to: *ACOG Green Journal*
- *9. Alang S, McAlpine D, McCreedy E, **Hardeman R**. A Systematic Review of Police Brutality and Health. Submission expected to: *American Journal of Public Health*
- *10. **Hardeman R**, Wallace M. Police Violence and Adverse Birth outcomes: Before and After the Killing of Freddie Gray. Submission expected to: *American Journal of Public Health*
- *11. **Hardeman R**, Almanza J, Karbeah J, Kozhimannil K. The Impact of Culturally Centered Care on Birthing Persons Experiences of Autonomy and Respect. Submission expected to: *Women's Health Issues*
- *12. **Hardeman R**, Karbeah J, Almanza J, Kozhimannil K, Polston R. Achieving Birth Equity: Lessons at the intersections of culturally-centered maternity care and community organizing. Submission expected to: *Journal of Midwifery & Women's Health*

Non-Refereed Journal Articles, Essays, or Book Chapters

Book Chapters

- *1. Kozhimannil KB, **Hardeman R**, Polston R. Book Chapter: *5. Improving Racial Equity in Birth Outcomes: A Community-based Culturally-centered Approach in Interdisciplinary Community-Engaged Research for Health*. University of Cincinnati Press. Community-Academic Partnerships for Early Childhood Health. 2019.
- 2. **Hardeman RR** & Medina E. Book Chapter: *Racism, Discrimination, Bias and Critical Race Theory - Contributions to Health Inequities and Outcomes*. Published in: "Reducing Health Disparities Among Racially and Ethnically Diverse Adolescents – A Practical Guide". Editors: Lisa Barkley (Editor), Maria Veronica Svetaz (Editor), Veenod L. Chulani (Editor). Springer International Publishing. November 2018.
- 3. Garcia C, Kwon G, **Hardeman RR**, Genis T, Brady S, Klimes B. Book Chapter: *R U Up 4 It? Collecting Data via Texting: Development and Testing of the Youth Ecological Momentary Assessment System (YEMAS)*. Published in: Duin AH, Nater E, Anklesaria F (Ed.), "Cultivating Change in the Academy: 50 Stories from the Digital Frontlines". Minneapolis, MN: University of Minnesota. 2012.

Book Chapters in Preparation

- *1. Karbeah J, Hardeman R, Alang S. Book Chapter: *A Mother's Hope: Communicating the Harms of Police Violence through a Reproductive Justice Lens*. Expected to be published in "Communicating Policing in America: Critical and Intersectional Approaches".

Non-Refereed/Peer-Reviewed Reports and Policy Briefs

- *1. Henning-Smith C, Hernandez A, Ramirez M, **Hardeman R**, Kozhimannil K. Dying Too Soon: County-level Disparities in Premature Death by Rurality, Race, and Ethnicity. University of Minnesota Rural Health Research Center Policy Brief, March 2019

Non-Refereed Commentaries, Papers and Reports

- *1. Kozhimannil KB, **Hardeman RR**. Black Maternal Mortality on *The Incidental Economist HealthCareTriage*: <https://theincidentaleconomist.com/wordpress/healthcare-triage-black-maternal-mortality/> 2018.
- *2. Kozhimannil KB, **Hardeman RR**, Polston R. *Improving Equity in Birth Outcomes, a Community-based, Culturally-centered Approach*. American Journal of Managed Care Blog on <http://www.ajmc.com/contributor/katy-b-kozhimannil-phd-mpa.2017-2018>.
4. Kozhimannil KB, **Hardeman RR**, Almanza J. *Doula Support During Pregnancy Holds Promise for Improving Equity and Value in Maternity Care*. Minnesota Physician. April 2016.
5. Kozhimannil KB, Vogelsang CA, **Hardeman RR**. *Medicaid Coverage of Doula Services in Minnesota: Preliminary Findings from the First Year*. Interim Report to the Minnesota Department of Human Services. July 2015.
6. Kozhimannil KB, **Hardeman RR**. "Having a Doula Would Make it Better" *How Medicaid Coverage for Doula Care could Improve Birth Outcomes Reduce Health Care Costs, and Improve Equity*. Health Affairs Blog. 2015.
Awarded as one of Health Affairs Most Read Blog Posts of 2015*
7. **Hardeman RR**, Medina E. *Fairly Healthy*. Column in a bimonthly newsletter, *The Connection*; published by the Program in Health Disparities Research, University of MN. Most recent column *Doula Care, Birth Outcomes and Cost Savings*. Available at: <http://www.healthdisparities.umn.edu/about/events-announcements/newsletter/index.htm>
8. **Hardeman RR** and Decker Gerrard M. *Community Health Workers in the Midwest: Understanding and Developing The Workforce. Findings From a Study Of Community Health Workers' Role, Professional Development, and Cancer Information Needs Conducted For The American Cancer Society*. St. Paul, MN: Wilder Research. June 2012.
9. **Hardeman RR**. *How Do We Know if Clinics are Delivering Patient and Family Centered Care? Results of a Pilot Test of the Patient and Family Centered Care (PFCC) Index*. August 2011.
10. **Hardeman RR**, Owen G, Gerrard M and Aliazaga N. *A Tool for Integrating Mental Health into Primary Care for Pediatric Populations. Development and Initial Testing of the Mental Health Integration Assessment Tool*. June 2010.
11. Gerrard M, **Hardeman R**, Jim J. *Minnesota's Health Care Home Initiative Integrating Best Practices into Collaborative Learning Method*. June 2009.
12. Gerrard M, **Hardeman R**, Heinemen J, Pitmann B. *Collaborating to Create Medical Homes*

for Children with Special Health Care Needs in Minnesota. March 2009.

13. Garcia C, **Hardeman R** and Pagan J. *Latina Mother's Perceptions of the Minnesota Healthcare System: Examining the Spillover Effects of Uninsurance on Healthcare Quality, Access and Cost*. CURA Reporter. Fall/Winter 2008.
14. Allen M, Svetaz V, **Hardeman R**, Resnick M. *What Research Tells Us About Latino Parenting Practices and their Relationship to Youth Sexual Behavior? The National Campaign to Prevent Teen and Unplanned Pregnancy*. February 2008.

Presentations, Posters and Exhibits

Invited Presentations at Professional Meetings, Conferences, etc. (past 5 years)

Invited Speaker Engagements (including Keynote)

- *1. Congresswoman Ilhan Omar, Congresswoman Karen Bass, **Hardeman R**, Garrett W, Fashaw C. *The State of Black Mental Health*. Minneapolis, MN. August 2019.
- *2. Congresswoman Ilhan Omar, Congresswoman Ayanna Pressley, **Hardeman R**, Polston R, Kim H, Adawae, A. *Black Maternal Health Disparities*. University of Minnesota, August 2019. <http://www.startribune.com/racial-disparities-in-maternal-deaths-called-staggering/558740632/>
- *3. **Hardeman R**. *The Future of Health Equity*. Commencement Keynote Address. Heritage Academy Minneapolis, MN. June 2019.
- *4. **Hardeman R**. *Dismantling Structural Racism in Clinical Practice*. Invited Speaker: University of Washington Medical School Grand Rounds. Seattle, WA. June 2019.
- *5. **Hardeman R**. *Dismantling Structural Racism and Supporting Black Lives*. Invited Speaker: University of Washington Medical School CLIME Symposium. Seattle, WA. June 2019.
- *6. **Hardeman R**. *Session III: Disparities and Social Determinants of Maternal Mortality Maternal Mortality in the United States: Future Research Directions*. National Institute of Health, National Institute of Child and Human Development (NICHD) Invited Talk at the NICHD workshop, "Maternal Mortality in the United States: Future Research Directions". Washington DC. May 2019.
- *7. **Hardeman R**. *Structural Racism and Public Health Equity*. Affiliate Chief Executives Group (ACEC) for Planned Parenthood Federation (PPFA). Phoenix, AZ. November 2018.
- *8. **Hardeman R**. *Police Violence—A Public Health Issue*. Youth Violence Prevention Multi-Jurisdictional Meeting. Minneapolis, MN. September 2018.
- *9. **Hardeman R**. *Structural Factors and Inequities in Maternal and Infant Health*. UMN Pediatric Grand Rounds. Minneapolis, MN. May 2018.
- *10. **Hardeman R**. *Dismantling Structural Racism—Our Role*. Keynote address: Office of Equity and Diversity, UMN Breakfast: Minneapolis, MN. November 2017.
- *11. **Hardeman R**. Invited Speaker the Research in Medical Education (RIME) Plenary

- session on *Racism and Bias in Medicine*. Learn Serve Lead Annual Meeting. Association of American Medical Colleges (AAMC) Boston, MA. November 2017.
- *12. **Hardeman R.** *Racism in Medicine*. Park Nicollet Ethics Grand Rounds. Minneapolis, MN. October 2017.
 - *13. **Hardeman R.** *Exploring Police Brutality and Black Health*. Minneapolis Urban League Forum on Police Brutality. Minneapolis, MN. July 2017.
 - *14. **Hardeman R.** UMN Medical School OBGYN Grand Rounds. *#TinyBlackLivesMatter: Dismantling Structural Racism and Supporting Black Lives*. Minneapolis, MN. June 2017.
 - *15. **Hardeman R.** *Social Factors and Birth Outcomes*. Birth Equity Community Council of Ramsey County. St. Paul, MN. April 2017.
 - *16. **Hardeman RR.** *#TinyBlackLivesMatter Exploring Ways to Disrupt the Pathway Between Racism and Adverse Birth Outcomes*. UMN SPH Research Day. Minneapolis, MN. April 2017.
 - *17. **Hardeman R.** *Our Changed and Changing Society*. Minnesota Public Health Association Breakfast. Public Health Matters Policy Forum Series. New Brighton, MN. March 2017.
 - *18. **Hardeman R.** *Stories of Black Motherhood: The Impact of Racism on Birth*. UMN School of Nursing, Program in Midwifery. Minneapolis, MN. March 2017.
 - *19. **Hardeman RR.** *Health Inequities and Public Health*. UMN Undergraduate Public Health Program. Minneapolis, MN. March 2017.
 - *20. **Hardeman R.** *Improving Equity in Birth Outcomes, a Community-based, Culturally Centered Approach*. UMN, SPH Division of Health Policy & Management Seminar. Minneapolis, MN. March 2017.
 - *21. Yeazel M, **Hardeman RR**, Burke S. *Who are the Fourth Year Medical Students Who Want to Enter Academic Medicine?* Society for Teachers of Family Medicine (STFM) Conference. San Diego, CA. May 2017.
 - *22. **Hardeman, RR.** *Racism and Health*. UMN School of Public Health, EpiCH Seminar Series. Minneapolis, MN. November 2016.
 - *23. **Hardeman RR.** *Racism and Health Equity*. ColoradoTrust Health Equity Learning Series. Denver, CO. November 2016.
 - *24. **Hardeman RR.** *Racial Inequities in Child Birth Outcomes: Birthing While Black and other stories of Black Motherhood*. Optimal Outcomes in Women's Health: Pregnancy & Birth, Minneapolis MN. October 2016
 - *25. **Hardeman RR.** *Perceptions of Medical School Diversity Climate and Depressive Symptoms Among Medical Students: A Report from the Medial Student CHANGE Study*. An International Association for Medical Education (AMEE). Barcelona Spain. August 2016.
 - *26. **Hardeman RR.** *Exploring the Association Between a Racialized Informal and Hidden Curricula and its Impact on Empathy*. A Report from the Medical Student CHANGE

- Study. An International Association for Medical Education (AMEE), Barcelona Spain. August 2016.
- *27. **Hardeman RR.** *Exploring the Association between a Racialized Informal and Hidden Curricula and its Impact on Empathy.* A Report from the Medical Student CHANGE Study. The European Association for Communication in Healthcare, 14th International Conference on Communication in Healthcare. Heidelberg, Germany. August 2016.
- *28. **Hardeman RR.** *Diversity, Equity, and Culture Change in Research and Practice.* AcademyHealth Annual Research Meeting Special Session Program. Boston, MA. June 2016.
- *29. **Hardeman RR. Chair:** *Exploring the Healthcare Provider Contribution to Health Inequities.* AcademyHealth Annual Research Meeting. Boston, MA. June 2016.
- *30. **Hardeman RR** and Cunningham B. *Addressing Racial Injustice/Institutional Racism in Public Health and Health Care.* 2016 the Minnesota Public Health Association and Minnesota Community Health Worker Conference “Health Equity: Many Voices, Shared Vision”. Minneapolis, Minnesota. June 2016.
31. Kozhimannil KB, **Hardeman RR**, Thareldson K. *Reducing Racial/Ethnic Disparities in Rural Maternity Care.* National Rural Health Association (NRHA) Health Equity Conference. Minneapolis, MN. May 2016.
32. **Hardeman RR.** *The Value of Measuring and Using Data on the Social Determinates of Health.* Minnesota Community Measurement 2015 Annual Seminar, “Motivating Through Measurement.” Minneapolis, MN. September 2015.
33. Kozhimannil KB, **Hardeman RR**, Vogelsang C, Blauer C, Howell E. *Policy Options for Improving Value in Childbirth: Doula Care during Pregnancy and Preterm Birth.* Child Health Services Research Interest Group, AcademyHealth Annual Research Meeting 2015. Minneapolis, MN. June 2015.
34. **Hardeman RR.** *Equity and Justice in Childbirth: Improving Access to Doula Support Promising Practices for Disparities Reduction.* Department of Human Services, Health Equity Leadership Institute. St. Paul, MN. April 2015.
35. **Hardeman RR.** Guest Speaker: *Racism and Medicine.* Student National Medical Association (SNMA) Premedical Forum. Minneapolis, MN. March 2015.
36. **Hardeman RR.** *Best and Promising Practices to Address Gaps in Health and Human Services Disparities.* Health and Human Services Leadership Institute Workshop (HHS LI), St. Paul, MN. January 2015.
37. **Hardeman RR**, Przedworski J, Burgess D, Phelan S, van Ryn M. *Medical Student Well-being and Psychosocial Resources: A Comparison of the Effects of Race and Gender at the 1st and 4th years of Medical School.* The Minority Health and Health Disparities Grantees’ Conference entitled “Transdisciplinary Collaborations: Evolving Dimensions of US and Global Health Equity,” Washington DC. December 2014.
38. **Hardeman RR.** *What is Critical Race Theory and What Does it Mean to Public Health?* Program in Health Disparities Research Seminar Series, University of

Minnesota, Department of Family Medicine & Community Health. Minneapolis, MN.
November 2014

39. van Ryn M, **Hardeman RR**, Phelan S. *School and Student Predictors of Attitudes Towards Empathic and Patient-centered Care Among 3,500 4th year Medical Students: A Report from the Medical Student CHANGES Study*. American Academy on Communication in Health Care. Orlando FL. October 2014.

Invited Panelist

- *1. **Hardeman R.** AcademyHealth Annual Research Meeting Panel on *Maternal and Infant Disparities Black-White Differences Win Incidence of and Reasons for Provider Switching during Pregnancy*. Washington DC. June 2019.
- *2. **Hardeman R.** Invited Panelist. AcademyHealth *Building a Culture of Inclusion: Boundary Spanning and Code-Switching*. Washington DC. June 2019.
- *3. **Hardeman R.** Invited Panelist. Minnesota Health Care Roundtable, *Social Disparities in Health Care: Correcting the curve*. Minneapolis, MN. April 2019.
- *4. **Hardeman R.** Invited Panelist *How Racial and Gender Bias Undermine Women's Health*. Families USA. Listen to Us! Washington, DC. January 2019.
- *5. **Hardeman R.** #TinyBlackLivesMatter: *Exploring the Association between Structural Racism and Inequities in Preterm Birth in Minnesota*. 2018 American Public Health Association Annual Meeting (APHA). San Diego, CA. November 12, 2018.
- *6. **Hardeman R.** Invited Panel: *Landing Upon the Body: Racism as Violence in the US*. 2018 Annual Meeting of the Interdisciplinary Association for Population Health Science (IAPHS). Washington DC. October 3, 2018. Blog Post: <https://iaphs.org/conference-report-landing-upon-body-racism-violence-us/>
- *7. Chantarat T, **Hardeman R.** *Structural Racism and Infant Birth Weight in Minnesota: Examining a Heterogeneous Effect by Country of Birth*. AcademyHealth Disparities Interest Group. Seattle, Washington. June 2018.
- *8. **Hardeman R**, Wu J, Sholas M, Sederstrom N, Nauertz S. *The Color of Medicine: Confronting the Problem of Racism in Clinical Settings*. International Conference on Clinical Ethics Consultation (ICCEC). Oxford, UK. June 2018.
- *9. **Hardeman R.** Invited Panelist: *Lost Mothers: An Exploration of the Rising Disparity in Maternal Morbidity and Mortality in the US*. AcademyHealth Annual Research Meeting. Seattle, Washington. June 2018.
- *10. **Hardeman R.** Invited Panelist: *Building a Culture of Diversity: Approaches for Building a Diverse and Inclusive Workforce*. AcademyHealth Annual Research Meeting. Seattle, Washington. June 2018.
- *11. **Hardeman R.** Expert Panel: *Health Disparities in America: Where, Why, and Now What?* Optum Forum, Washington DC. August 2017.
- *12. **Hardeman R.** Invited Panel: *Building a Culture of Inclusive Diversity: What's the Secret Sauce?* AcademyHealth Annual Research Meeting. New Orleans, LA. June 2017.

- *13. **Hardeman R.** Panel on Critical Emerging Issues in Health Services Research. *Structural Racism, Health Systems, and Health Inequities*. AcademyHealth Annual Research Meeting, New Orleans, LA. June 2017.
- *14. **Hardeman RR.** Panelist. *Social Justice and Clinicians of the 21st Century*. Systemic Disease, RWJ Foundation Leadership Network and *in-Training*. Princeton, NJ. March 2017.
- 15. **Hardeman RR.** Panelist: *An Examination of Longitudinal Changes in the Impact of Racial Identity and Discrimination on African American Medical Student Well-Being*. Implications for Health Workforce Diversity and Education at AcademyHealth Annual Research Meeting 2015. Minneapolis, MN, June 2015.
- 16. **Hardeman RR.** Panelist: *The Impact of Medical Student Race on Well-Being over 4 Years of Medical Training*. Implications for Health Workforce Diversity and Education at AcademyHealth Annual Research Meeting. Minneapolis, MN, June 2015.
- 17. **Hardeman RR.** Panel on *The Impact of Medical School Factors on Disparities-Related Outcomes: Results from the Longitudinal Medical Student Change Study; The Impact of Medical Student Race on Well-Being over 4 Years of Medical Training*. AcademyHealth Annual Research Meeting 2015. Minneapolis, MN, June 2015.

Contributed Posters Presented at Professional Meetings, Conferences, etc.

- *1. **Hardeman RR, Chantarat T.** #TinyBlackLivesMatter: *Exploring the Association Between Structural Racism and Inequities in Preterm Birth in Minnesota*. AcademyHealth Annual Research Meeting. Seattle, WA. June 2018.
- *2. **Hardeman RR, Przedworski JM, Burke S, Burgess DJ, Perry S, Phealn SM, Dovidio JF, van Ryn M.** *Association Between Medical School Diversity Climate and Change in Depressive Symptoms Among Medical Students: A Report from the Medical Student Change Study*. AcademyHealth Annual Research Meeting. Boston, MA. June 2016.
- 3. **Hardeman RR, Kozhimannil KB, Vogelsang C.** *Doulas as Cultural Brokers: Exploring the Doula's Role in Improving Patient-Provider Communication for Medicaid Enrolled Pregnant Women*. International Conference on Communication in Health Care. New Orleans, LA. October 2015.
- 4. **Hardeman RR, Phelan S, van Ryn M.** *Student Factors that Contribute to Changes in Patient-Centered Attitudes over 4 years of Medical School*. International Conference on Communication in Health Care. New Orleans, LA. October 2015.
- 5. **Hardeman RR, Phelan S, van Ryn M.** *Attitudes of Patient-Centered Care and Medical Education*. Mayo Clinic Delivery Science Summit. Rochester, Minnesota. September 2015.
- 6. **Hardeman R.** *Medical Student Well-being and Psychosocial Resources: A Comparison of the Effects of Race and Gender at the First and Fourth Years of Medical School*. Minority Health and Health Disparities Grantees' Conference: Transdisciplinary Collaborations: Evolving Dimensions of US and Global Health Equity, Gaylord National Resort and Convention Center. National Harbor, Maryland. December 2014.

Other Key Activities and Accomplishments

Podcasts

- *1. The Praxis Podcast at the University of Washington School of Medicine, *Dismantling Racism and Creating Healthy Black Lives*. Recorded June 2019. [Expert perspectives on race in medical practice and education - Part 1 with Rachel Hardeman PhD, MPH & Eduardo Medina, MD](#)
- *2. The Praxis Podcast at the University of Washington School of Medicine, *Dismantling Racism and Creating Healthy Black Lives*. Recorded June 2019. [An RX for a racist healthcare system - Part 2 with Rachel Hardeman PhD, MPH & Eduardo Medina, MD](#)
3. Arch Beat Podcast, *Dr. Hardeman Explores the Intersection between Race and Birth Outcomes*. November 2017. <https://www.stonearchcreative.com/podcast/dr-rachel-hardeman-talks-race-and-birth-outcomes/>

TEACHING AND CURRICULUM DEVELOPMENT

University of Minnesota

Course Development

- *PubH 6250 Foundations of Public Health (2 credits), 2016
- *PubH 6780 Topics-Structural Racism and Health Inequities (2 credits), 2016

Courses Taught

- *Instructor, PubH 6737 Structural Racism and Health Inequities Spring 2020
- *Instructor, PubH Independent Study, 4 cr Spring-Summer 2019
- *Instructor, PubH 6780 Structural Racism and Health Inequities Spring 2019
- *Instructor, SPH Summer Institute, Axes of Inequity:
Structural Racism and Health Summer 2017
- *Instructor, SPH Summer Institute, Axes of Inequity Summer 2016
- Instructor, PubH 6700 Foundations of Public Health Spring 2016
- Co-instructor, PubH 6835, Principles of Health Policy Fall 2014-Spring 2015
- Co-Instructor, PubH 7200, Culturally Responsive Leadership and Management May 2007

Guest Lectures

- *Guest Lecturer, PubH 6815 Community Based Participatory Research Fall 2017
- *Guest Lecturer, PubH 8805 Sociological Theory in HSR Fall 2017
- *Guest Lecturer, Nurse-Midwifery Program Spring 2017
- *Guest Lecturer, PubH 6735, Principles of Health Policy Fall 2016, 2017
- Guest Lecturer, PubH 8810, Research Studies in Healthcare Fall 2011-2014
- Guest Lecturer, PubH 6724, The Health Care System and Public Health Fall 2009-2011

Teaching Assistant

- Teaching Assistant for Katy Backes Kozhimannil, PhD

PubH 6835, Principles of Health Policy	Spring 2011, 2012
Teaching Assistant for Lynn Blewett, PhD	
PubH 6724, The Health Care System and Public Health	Fall 2006-2008
Teaching Assistant for Lynn Blewett, PhD	
PubH 6724 (Online), The Health Care System and Public Health	Spring 2008

ADVISING AND MENTORING

Graduate Student Activities

Doctoral Program in Health Services Research Policy & Administration

- a. Kari Mentzer, Doctoral Student (Dissertation Committee Member and Mentor)
- b. Alexandra Kristensen-Cabrera, Doctoral and Medical Student (Dissertation co-advisor)
- c. Amanda Nickel, Doctoral Student (*Academic Advisor, Mentor)
- d. J'Mag Karbeah, Doctoral Student (Academic Advisor, *Dissertation Advisor, Mentor and Supervisor)
- e. Tongtan Chantararat, Doctoral Student (*Dissertation co-advisor, Mentor and Supervisor)
- f. Courtney Sarkin, Doctoral Student (Academic Advisor)

Doctoral Program in Organizational Leadership

- *1. Barbara Banks, Doctoral Student (Dissertation Committee Member and Mentor)

Doctoral Program in Sociology

- *1. Christopher Robertson, Doctoral Student (Dissertation Committee Member and Mentor)

Doctoral Program in Sociology, Howard University

- *1. Marie Plaisime, Doctoral Candidate (Dissertation Co-advisor, Mentor)

Doctoral Program in Public Health, Tulane University School of Public Health

- *1. Jessica Judson, MPH, Doctoral Student (Dissertation Committee Member, Mentor)

Doctoral Program in Public Health, UCLA School of Public Health

1. Rebekah Israel-Cross, Doctoral Student (Dissertation Committee Member, Mentor)

Masters of Public Health (MPH) in Executive Public Health Administration and Policy Program

- *1. Lisa Skjefte, expected 2021 (Academic Advisor)
- *2. Chakita Lewis, expected 2021 (Academic Advisor)
- *3. Thea Hall, expected 2021 (Thesis Advisor)
4. Erin Amundson, Graduated 2017 (Masters Project Advisor)

Masters of Public Health (MPH) in Public Health Administration and Policy Program

- *1. Atticus Wolfe, MPH, expected 2020 (Academic Advisor)
- *2. Camille Cleveland, MPH Graduated 2019 (Thesis Advisor)
- *3. Malik Mitchell, MPH expected 2020 (Thesis Advisor)
- *4. Nikita Bhatnagar, MPH, Graduated 2019 (Academic Advisor)

- *5. Tsegereda Lamesgin, MPH Graduated 2019 (Academic Advisor)
- *6. Mariana Tuttle, MPH, Graduated 2019 (Academic Advisor and Thesis Advisor)
- *7. Crystal Wabnum, MPH, Graduated 2019 (Academic Advisor, Thesis Advisor, Mentor, Supervisor)
- *8. Samantha Cotellesa, MPH, expected 2020 (Thesis Advisor)
- *9. Capetra Jolly, MPH, Graduated 2018 (Thesis Advisor)
- *10. Megan Sanders, MPH, Graduated 2018 (Academic Advisor and Thesis Advisor)
- *11. Gabriella Lazalde, MPH, Graduated 2017 (Academic Advisor)
- *12. Chardae Kimber MPH, Graduated 2017 (Thesis Reader, Mentor)
- 13. Katy Murphy, MPH, Graduated 2016 (Thesis Co-advisor)
- 14. Carrie Voglesang, MPH Graduated 2015 (Thesis Reader)
- 15. Olivia Wong, MPH Graduated 2015 (Supervisor, Mentor)

Masters of Public Health (MPH) in Executive Program

- *1. Laura Miller, MD—MPH, Graduated 2019 (Thesis Committee Member)

Masters of Science (MS)

- *1. Dimpho Orozoni, Graduated May 2019 (Academic Advisor, Thesis Committee Member)
- *2. Jennifer Villalobos Graduated May 2019 (Academic Advisor and Thesis Advisor)
- *3. Tayler Whittler expected May 2020 (Thesis Advisor)

Maternal and Child Health

- *1. Virginia Pendelton, Graduated May 2019 (Thesis Reader)
- *2. Hannah McNamee, Graduated May 2019 (Academic Advisor and Thesis Reader)
- *3. Meagan Schrafft, expected May 2020 (Academic Advisor)
- 4. Mollie Kohler, expected May 2020 (Academic Advisor)
- 5. Asha Hassan, Graduated December 2018 (Thesis Advisor, Mentor)
- 6. Julianna Carlson, Graduated Summer 2018 (Thesis Advisor, Mentor)

Mentoring

Postdoctoral Trainees

- *1. Dylan Galos, PhD, MPH (Nationwide Children's Hospital)
- *2. Carolina Branson, PhD (UMN Dept of Surgery)
- 3. Rachel Logan, PhD (U of Florida)

Doctoral Students

- *1. Marie Plaisime (PhD Candidate, Sociology Howard University)
- *2. Barbara Banks (PhD Candidate, Organizational Leadership UMN)
- *3. Amanda Nickel (PhD Candidate, HSRPA, UMN SPH)
- *4. Luke Morrison Smith (PhD Candidate, Epidemiology, UMN SPH)
- *5. Alexandra Kristensen Cabrera (MD and PhD Student, Health Services Research, UMN SPH)
- *6. Aparjita Sur (PhD Student, Biostatistics, UMN SPH)
- *7. Rachel Logan (PhD Candidate, Health Policy, University of South Florida)
- *8. Jessica Cerdana, (PhD Candidate and MD Candidate, Yale University)
- *9. Emily Day, (PhD Student, Villanova University)
- *10. Cassandra Osei (PhD Student, University of Kansas)
- *11. Lindsey Yates (PhD Candidate, UNC Chapel Hill Gillings School of Public Health)

- *12. Taylor Rogers, (PhD Student, UCLA School of Public Health)
- *13. Cynthia Pando, (PhD Student, Health Services Research, UMN SPH)
- *14. Kara Koschmann (PhD Student, Nursing University of Minnesota SON)
- *15. Margaret Akinhanmi (PhD Candidate, Mayo Clinic Graduate School of Biomedical Sciences)
- *16. Ebiere Okah MD (Family Medicine Resident UMN Broadway Family Medicine Clinic)
- *17. Carolina Fernandez Branson, PhD (PhD Postdoctoral Associate Department of Surgery UMN)
- *18. Jessieka Knazze (Post Baccalaureate Trainee)
- *19. Jessica Judson, (PhD Student, Tulane School of Public Health)
- *20. Kayla Dharampaul (Medical Student, UMN)
- *21. Anne Doering, MD ((Family Medicine Resident UMN Broadway Family Medicine Clinic)
- *22. Jennifer Almanza, RN, CNM (Midwifery Trainee, UMN SON)
- *23. J'Mag Karbeah (PhD Student, Health Services Research, UMN SPH)
- *24. Tongtan Chantarat (PhD Candidate, Health Services Research, UMN SPH)
- *25. Brigitte Davis (PhD Candidate, Harvard SPH)
- *26. Brittany Butler (PhD Candidate, The Ohio State University)
- *25. Dylan Galos, PhD (PhD Candidate in Epidemiology, UMN SPH and Postdoctoral Trainee Epi)
- *26. Tianna Barnes (PhD Candidate, UMN Carlson School of Business)
- *27. Cirila Estela Vasquez Guzman MA, PhD (Medical Sociology)

Master's Students

- *1. Olivia Wong (MPH in PHAP)
- *2. Afi Delali Degbey (MPH in Epi, MCH)
- *3. Lisa Skjefte (MPH in E-PHAP)
- *4. Kevin Curwick (MPH, Arizona State University)
- *5. Malik Mitchell (MPH in PHAP)
- *6. Malik Williams (MPH in PHAP)
- *7. Joseline Haizel-Cobbina MD (MPH in PHAP)
- *8. Jia Mikuls (MPH Environmental Health)
- *9. Mariana Tuttle (MPH in PHAP)
- *10. Gabriella Lazalde (MPH in PHAP)
- *11. Meghan McSorley (MPH/MPP)
- *12. Ruth Gebremedhin (MHA)
- *13. Sabrina Khwaja (MPH in Epi)
- *14. Katy Murphy (MPH in PHAP)
- *15. Tayler Whittler (MS in HSRPA)
- *16. Nicole Conklin (MPH in E-PHAP)
- *17. Crystal Wabnum (MPH in PHAP)
- *18. Hannah McNamee, (MPH in Epi, MCH)
- *19. Dimpho Orizoni (MS in HSR)
- *20. Asha Hassan (MPH in Epi, MCH)
- *21. Juliana Carlson (MPH in Epi, MCH)
- *22. Callie Heyne (MHA)

Undergraduate Students

- *1. Meredith Song, Undergraduate student University of Minnesota
- *2. Malik Williams, Undergraduate student University of Wisconsin (incoming PHAP)
- *3. Deboarah Nyakaru, Undergraduate student Cornell University (Research Assistant)

*4. Jessica Diaz (Undergraduate Student)

High School Students

*1. Annie Lam, High School Student St. Paul Academy

*2. Noam Katz, High School Student St. Paul Academy

SERVICE AND PUBLIC OUTREACH

Editorships

*Guest Editor *International Journal of Environmental Research and Public Health* 2020

*Interdisciplinary Association for Population Health Sciences
Blog Editorial Board 2019-Present

Journal Reviewer Experience

**Social Science & Medicine* 2017-Present

**JAMA* 2017-Present

**Health Services Research Journal* 2017-Present

**New England Journal of Medicine* 2017-Present

**JAMA Pediatrics* 2016-Present

**BMC Medical Education* 2016-Present

**Academic Pediatrics* 2016-Present

**Academic Medicine* 2016-Present

**American Journal of Preventive Medicine* 2016-Present

Journal of Racial and Ethnic Health Disparities 2015-Present

Journal of Urban Health 2015-Present

Journal of Public Health Research 2015-Present

Health Care: The Journal of Delivery Science and Innovation 2015-Present

American Journal of Public Health 2014-Present

BMC Health Services Research 2014-Present

Journal of Health Care for the Poor and Underserved 2010-Present

Board Memberships and Workgroups

National

*CDC Maternal Mortality Review Information Application
(MMRIA) Bias Working Group 2019-Present

*Planned Parenthood Member Board of Directors 2017-Present

*Square Roots Advisory Board 2016-Present

State

*Minnesota Maternal Mortality Review Committee 2019-Present

*Minneapolis Violence Prevention Board 2019-Present

*Board of Directors, The Ladder Health Mentorship Program 2019-Present

*MN Dept. Health, Health Equity Advisory and Leadership (HEAL) Council
Strengthening Public Health in MN Workgroup 2017-Present

*Community Voices and Solutions (CVAS) Advisory Group, The OMH State

Partnership Grant to Improve Minority Health, MN Dept. Health	2016-Present
Hennepin County Medical Center, Mission Effectiveness Committee Member	2015-2017
Minnesota Urban Area Health Education Center (AHEC) Board Member and Vice Chair	2014-2016

Committee Memberships

National

*Interdisciplinary Association for Population Health Sciences Communication Committee Member	2019-Present
*Chair, AcademyHealth Disparities Interest Group Advisory Committee	2016-2018
AcademyHealth Disparities Interest Group Advisory Committee	2015-Present
AcademyHealth Women and Gender Interest Group	2015-Present
AcademyHealth Diversity, Inclusion and Minority Engagement in HSR Committee	2015-Present
AcademyHealth, President of University of Minnesota Student Chapter	2010-2011

State

*Statewide Health Equity Leadership Network (HELN)	2018
Minnesota AIDS Project, Public Policy Committee	2005-2007

Grant Reviewer

- *Robert Wood Johnson Foundation *Research in Transforming Health and Health Care Systems*
Grant Reviewer, July-November 2019
- *Center Grants for Center for the Study of Racism, Social Justice & Health UCLA Fielding School
of Public Health, June 2019
- *NIH Health Services Research on Minority Health and Health Disparities, NIH Early Career
Reviewer (ECR), July 2017

Organization of Conferences, Workshops, Panels, Symposia

*Big Ten Alliance Health Equity Summit	2017
AcademyHealth Annual Research and Interest Group Meeting Abstract Review	2014-Present
AcademyHealth Annual Research Meeting 2016 and 2017 Planning Committee	2015-2017
AcademyHealth Annual Research Meeting Disparities Theme Section Head	2015-2016

University-wide Service

- *Minnesota Population Center, Advisory Board (elected member)
- *Robert J. Jones Urban Research and Outreach/Engagement Center (UROC), *Urban Research
Agenda Development Circle*
- *Population Studies Training Program Advisory Board, Minnesota Population Center
- *President's Postdoctoral Fellowship Program Application Reviewer
- *Minnesota Population Center, Faculty Search Committee, SPH Representative
- *Graduate School Health Equity Minor, Graduate Training and Curriculum Committee: Member
- *Minnesota Population Center: Member
- *Health Equity Minor Graduate Training and Curriculum Committee: Member
- Deborah E. Powell Center for Women's Health: Member

Program in Health Disparities Research: Member

Collegiate Service (School of Public Health)

*SPH Communications Team: Recruitment Video

SPH Communications Team: The Role of Race in Health: Public Service Announcement

*SPH Faculty Search Committee Population Health and Health Equity

*Maroon, Gold, & Me – SPH Admitted Student Event-Guest Speaker

*SPH Communications Team: The Role of Race in Health: Public Service Announcement

*Foundations of Public Health Core Curriculum Committee: Member

Health Equity Work Group: Member

Division Service (Division of Health Policy and Management)

*PHAP Admissions Committee

*Search Committee, Tenure Track Position in Population Health and Health Equity

*HPM Executive Committee: Member

Public (Non-University) and Other Service

Expert Advisor-Variou s Media Interviews Requested

Publications-National

*1. *LA ist*

Dale M. (2020 January 21). **What Do Doulas Do – And How Can I Find One in LA?**

<https://laist.com/2020/01/21/how-to-find-a-los-angeles-doula.php>

2. *Politico*

Rab L. (2019, December 15). **The Secret to Saving the Lives of Black Mothers and Babies**

<https://www.politico.com/news/magazine/2019/12/15/black-mothers-matter-079532>

3. *Self Magazine*

McClain D. (2019, November 22). You're Black and Pregnant. What Should Your Birth Plan Actually Look Like?

<https://www.self.com/story/black-pregnant-birth-plan>

4. *Atlanta Black Star*

Smith, N. (2018, March 9). How Racism Causes Child Birth to be a Death Sentence for Black Mothers. Atlanta Black Star. Retrieved from

<https://atlantablackstar.com/2018/03/09/racism-elephant-delivery-room-racism-killing-black-mothers/>

5. *Washington Post*

Petrow, S. (2016, October 3). For many LGBTQ people, even a routine doctor visit can be a 'degrading experience.' *Washington Post*. Retrieved from

https://www.washingtonpost.com/lifestyle/style/for-many-lgbtq-people-even-a-routine-doctor-visit-can-be-a-degrading-experience/2016/10/02/092cd3bc-872a-11e6-a3ef-f35afb41797f_story.html

- *6. *Huffington Post*
Pearson, C. (2013, September 12. Updated 2017, December 6). The amazing people who are changing how low-income moms give birth. *Huffington Post*. Retrieved from https://www.huffpost.com/entry/community-doulas-changing-how-low-income-moms-give-birth_n_3894995

Publications-Statewide

- *1. *Mpls St Paul Magazine*
Eldred, S.M. (2019, January 9). Studying the Success of a North Minneapolis Birth Center. *Mpls St. Paul Magazine*. Retrieved from <http://mspmag.com/health-and-fitness/studying-the-success-of-a-north-minneapolis-birth-center>
- *2. *Minnesota Daily*
Nam, G.J. (2019, May 5). U researchers to examine racial disparities in senior care. *Minnesota Daily*. Retrieved from <https://www.mndaily.com/article/2019/05/n-umn-researchers-examine-rural-health-disparities>
- *3. *Minnesota Daily*
Nam, G.J. (2019, March 14). Trump's Title X changes would alter grant funding. *Minnesota Daily*. Retrieved from <https://www.mndaily.com/article/2019/03/n-trumps-title-x-changes-would-alter-grant-funding>
- *4. *Twin Cities Business*
Case, I. (2019, January 2). How Minnesota Universities are Accelerating Change in Health Care Education. *Twin Cities Business*. Retrieved from <http://tcbmag.com/news/articles/2019/january/how-minnesota-universities-are-accelerating-change-in-health-care-education>
- *5. *MinnPost*
Perry, S. (2018, January 26). Erica Garner and Serena Williams' stories underscore health inequalities facing black women. *MinnPost*. Retrieved from <https://www.minnpost.com/second-opinion/2018/01/erica-garner-and-serena-williams-stories-underscore-health-inequalities-facin/>
- *6. *Twin Cities Daily Planet*
Boarini, C. (2017, May 18). Best of Neighborhood News 5/18: UMN researchers study impact of police brutality on public health. *Twin Cities Daily Planet*. Retrieved from <https://www.tcdailyplanet.net/best-of-neighborhood-news-umn-researchers-study-impact-of-police-brutality-on-public-health/>
- *7. *Minnesota Daily*
Schmitt, K. (2016, October 31). U research team to study high rate of African American maternal death. *Minnesota Daily*. Retrieved from <https://www.mndaily.com/article/2016/10/u-research-team-to-study-high-mortality-rate-of-african-american-maternal-death>
- *8. *MinnPost*
Perry, S. (2016, January 18). Doula support is associated with lower rates of premature birth, say U of M researchers. *MinnPost*. Retrieved from <https://www.minnpost.com/second-opinion/2016/01/doula-support-associated-lower-rates-premature-birth-say-u-m-researchers/>

Television, Film and Radio

- *1. *KARE 11 News* Video. Broaddus, A. (2018). Serena Williams creates discussion on birth disparities. *KARE 11*. Retrieved from <https://www.kare11.com/article/news/serena-williams-creates-discussion-on-birth-disparities/89-508608372>

- *2. *Minnesota Public Radio (MPR)*
Richert, C. (2018, November 26). The health care system is tough, especially for black women. *Minnesota Public Radio: Web Edition Articles (MN)*. Retrieved from <https://www.mprnews.org/story/2018/11/26/health-care-disparities-for-people-of-color>

- *3. *Minnesota Public Radio (MPR)*
Combs, M. and Yang, N. (2018, April 9). How culturally centered care could help mothers and babies. *Minnesota Public Radio: Web Edition Articles (MN)*. Retrieved from: <https://infoweb-newsbank-com.ezp1.lib.umn.edu/apps/news/document-view?p=AWNB&docref=news/16B5E97E3613FA98>.
- *4. *National Public Radio*
Haelle, T. (2016, January 15) Doula Support for Pregnant Women Could Improve Case, Reduce Costs. *NPR*. Retrieved from <https://www.npr.org/sections/health-shots/2016/01/15/463223250/doula-support-for-pregnant-women-could-improve-care-reduce-costs>
- *5. *Channel 5 ABC Eyewitness News* (2016). Does Structural Racism Exist in Our Health Care System? *KSTP*. Retrieved from <https://kstp.com/news/racism-health-care-system-university-of-minnesota-research/4289411/>

Expert Advisor - US Government Officials, National and State Institutions and Organizations

- *1. To Congresswoman Ilhan Omar, State of Minnesota 2018-Present
- *2. University of Washington Medical School, 2018-Present
Center for Leadership and Innovation in Medical Education (CLIME)
- *3. Children’s Hospital, MN Center for Bioethics 2018-Present
- *4. Social Determinants of Health Advisor for United States of Care 2018-Present
- *5. Affiliate Chief Executives Committee (ACEC) for Planned Parenthood 2018-Present
Federation of America
- *6. Penn Plymouth Partnership (P3) Working Group 2017-Present
Initiative to activate strategies to include public health in the \$100 million dollar investment occurring in and around the NorthPoint campus expansion in North Minneapolis, MN (manuscripts in progress)
- *7. White Coats 4 Black Lives 2016-Present
National organization of medical students working towards achieving racial justice in medicine
- *8. Minneapolis Urban League, Minneapolis, MN
2016-Present Intersections of social determinants and community well-being
- 9. Systemic Disease, 2015-Present
National website created by medical students to document instances of bias in medical training (manuscripts in progress)
- 10. The Cultural Wellness Center, on research on health equity 2014-Present
- *11. Review of Bullfrog Films documentary, 2017
Power to Heal: Medicare and the Civil Rights Revolution
- *12. John Glenn Middle School Kids Conference on Police Brutality, 2017
North St. Paul-Maplewood-Oakdale ISD 622, MN

- *13. Science Museum of Minnesota
 Kitty Andersen Youth Science Center (KAYSC) Youth Workplace
 Ecosystem: High Tech for Health Equity

2017
- *14. Minneapolis Councilwoman Andrea Jenkins (Ward 4)
 Health equity and racism as a fundamental cause of health inequities

2017
- *15. Environmental Initiative, Minneapolis MN,
 Health equity and environmental initiatives

2016-2017
- *16. National Association of County and City Health Officials (NACCHO)
 Health equity and intersectionality

2016
- *17. Birth Equity Council and Collective (BECC), Ramsey County
 Research, presentations and discussions about the evidence base around
 disparities in birth outcomes.

2016-2018