

# Sharrelle Barber, ScD, MPH

## EDUCATION

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<b>Harvard University</b> , T.H. Chan School of Public Health Doctor of Science in Society, Human Development, and Health, Social Epidemiology Concentration	<b>Boston, MA</b> May 2014
<b>University of North Carolina-Chapel Hill (UNC)</b> , Gillings School of Global Public Health Master of Public Health in Health Behavior and Health Education	<b>Chapel Hill, NC</b> May 2009
<b>Bennett College for Women</b> Bachelor of Science in Biology, <i>Summa Cum Laude</i>	<b>Greensboro, NC</b> May 2007

## ACADEMIC APPOINTMENTS

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<b>Associate Professor (with Tenure)</b> Dept. of Epidemiology and Biostatistics and The Ubuntu Center Drexel University, Dornsife School of Public Health, Philadelphia, PA	<b>2024-present</b>
<b>Inaugural Director</b> The Ubuntu Center on Racism, Global Movements & Population Health Equity Drexel University, Dornsife School of Public Health, Philadelphia, PA	<b>2021-present</b>
<b>Assistant Professor</b> Dept. of Epidemiology and Biostatistics and the Urban Health Collaborative Drexel University, Dornsife School of Public Health, Philadelphia, PA	<b>2020-present</b>
<b>Assistant Research Professor</b> Dept. of Epidemiology and Biostatistics and the Urban Health Collaborative Drexel University, Dornsife School of Public Health, Philadelphia, PA	<b>2017-2020</b>
<b>Visiting Postdoctoral Fellow</b> Dept. of Epidemiology and the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil) Oswaldo Cruz Foundation (Fiocruz), National School of Public Health, Rio de Janeiro, RJ Brazil	<b>2016</b>
<b>Postdoctoral Fellow</b> Dept. of Epidemiology and Biostatistics and the Center for Integrative Approaches to Health Disparities Drexel University, Dornsife School of Public Health, Philadelphia, PA	<b>2014-2017</b>

## HONORS AND AWARDS

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<b>2023</b>	Society for Epidemiologic Research Sherman A. James Diverse and Inclusive Epidemiology Award
<b>2023</b>	Diverse Issues in Higher Education Emerging Scholar
<b>2018</b>	John W. Hatch Lecture, Shaw University, Raleigh, NC
<b>2017</b>	American Heart Association Scientist Development Grant Awardee
<b>2016</b>	Robert Wood Johnson Foundation New Connections Grant Awardee
<b>2014</b>	1 <sup>st</sup> Place Oral Paper, SAAPHI Annual Meeting, New Orleans, LA
<b>2013</b>	Teaching Assistant Award, Harvard University School of Public Health
<b>2012</b>	Winokur Fellowship, Harvard University School of Public Health
<b>2012</b>	International Philanthropic Educational Organization (P.E.O.) Scholar Award for Excellence in Merit and Service
<b>2008</b>	Lucy Morgan Fellowship, UNC-Chapel Hill, Dept. of Health Behavior and Health Education
<b>2007</b>	John Briley Fellowship, UNC-Chapel Hill, Dept. of Health Behavior and Health Education
<b>2007</b>	Wilbert E. Matthews, Sr. Humanitarian Award, Bennett College for Women
<b>2007</b>	President's Excellence Award, Bennett College for Women
<b>2007</b>	Valedictorian, Bennett College for Women

## PROFESSIONAL SERVICE

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### **Professional: Current**

**Member**, *Lancet* Commission on Antiracism in Solidarity: from Decolonization to Reconstruction of Our Health Systems  
**Co-Chair**, Jackson Heart Study Social Determinants of Health Scientific Working Group  
**Member**, Jackson Heart Study Scientific Council

### **Professional: Past**

**Member**, *Lancet* Racial Equity International Advisory Board

**Member**, International Society for Environmental Epidemiology Antiracism Task Force

**Member**, Centers for Disease Control and Prevention CVD Health Equity Indicators Expert Advisory Committee

### **School**

**Member**, Executive Committee of the Faculty

**Director**, The Ubuntu Center on Racism, Global Movements & Population Health Equity

**Faculty Mentor**, Drexel Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Initiative Program

**Co-Chair**, Faculty Search Committee, Dornsife TT positions in Racism and Population Health Equity

**Chair**, Committee to Establish the Ubuntu Center on Racism, Global Movements, and Population Health Equity

**Organizer**, 400 Years of Inequality Observance

**Member**, Urban Health Collaborative Steering Committee

**Member**, Faculty Advisory Committee on Global Health

### **Ad hoc Review Activities**

The *Lancet*, Peer Reviewer

*Circulation*, Peer Reviewer

*Health and Place*, Peer Reviewer

*Preventive Medicine*, Peer Reviewer

*American Journal of Epidemiology*, Peer Reviewer

*Social Science and Medicine*, Peer Reviewer

*Journal of Racial and Ethnic Health Disparities*, Peer Reviewer

Jackson Heart Study Presentations and Publications Committee, Peer Reviewer

## **PROFESSIONAL & LEADERSHIP ACTIVITIES**

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**2019-20** State of Afro-Brazilians Committee

**US Network for Democracy in Brazil**

**2019** Bennett College Re-Engineering Committee, Member

**Bennett College**

**2011-12** HSPH Black Student Health Organization, Vice President

**Harvard University**

**2008-09** SPH Minority Student Caucus, Historian

**UNC-Chapel Hill**

## **COMMUNITY ENGAGEMENT & ADVOCACY**

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**2020-22** **National Advisor and Coordinator**, Poor People's Campaign COVID-19 Health Justice Advisory Committee

**2018-19** **Organizer**, *I, A Black Woman, Resist: Bearing Witness to the Life and Legacy of Marielle Franco* Film Screening and Discussion Tour

## **PROFESSIONAL AFFILIATIONS**

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International Society for Environmental Epidemiology

Society for Epidemiologic Research

Interdisciplinary Association of Population Health Sciences

American Public Health Association

Society for the Analysis of African American Public Health Issues

UCLA Center for the Study of Racism, Social Justice, and Health

American Heart Association

## **PUBLICATIONS**

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### **Editor-Invited Commentary, Published**

- Barber S**, Ferreira A, Gripper AB, Jahn JL (2022) Healthy and Thriving: Advancing Antiracism Evidence and Solutions to Transform the Health of Black Communities. *The Lancet*, 400 (10368): 2016-2018. [https://doi.org/10.1016/S0140-6736\(22\)02402-3](https://doi.org/10.1016/S0140-6736(22)02402-3).
- Barber S** (2021). Silence is No Longer an Option: Reflections on Racism and Resistance in the Midst of the COVID-19 Pandemic. *Epidemiology*, 32(1):133-134. doi: 10.1097/EDE.0000000000001285. PubMed PMID: 33122567.
- Barber S** (2020). Death by Racism: Racial violence and racial health inequities in the midst of the COVID-19 pandemic disproportionately impact Blacks. *Lancet Infectious Disease*. Aug;20(8):903. doi: 10.1016/S1473-3099(20)30567-3. PubMed PMID: 32738238.
- Barber S** (2020). Place Matters: From Health and Health Care Disparities to Equity and Liberation. *North Carolina Medical Journal*, 81 (3) 173-176. doi: 10.18043/nmc.81.3.173. PubMed PMID: 32366625.

**Peer-Reviewed, Published**

1. Edwards JR, Ong C, **Barber S**, Headen I, Tabb LP, De Roos AJ, Schinasi LH (**accepted**). Methodologic strategies for quantifying associations of historical and contemporary mortgage discrimination on population health equity: A systematic review.
2. Carabali M, **Barber S**, Ferreira AJ, Ortigoza A, Ramos D, Goes E, Siddiqi A, Lucumi DI, Perez-Chacon D, Jackson JW, Bashir H, Sanchez Y, Elmi Y, Goulart CM, Perea-Aragon CY, Grillo RL, Higuera-Mendieta D, Djigo KM, Melo-Ferreira V, Martinez M (**2024**). Pan-American Data Initiative for the Analysis of Population Racial/Ethnic Health Inequities: The Pan-DIASPORA project. *Lancet Regional Health- Americas*, 37. <https://doi.org/10.1016/j.lana.2024.100868>.
3. Kershaw KN, **Barber S**, Hicken M (**2024**). Current approaches to measuring local racial/ethnic residential segregation in population health studies. *Curr Epidemiol Rep* 11, 32–43. <https://doi.org/10.1007/s40471-023-00335-x>.
4. Guimarães J, Jackson JJ, **Barber S**, Cardos L, Griep R, de Jesus M, Schmidt I, Duncan B, Barreto S, Camelo L, Chor D (**2024**). Racial Inequities in the Control of Hypertension and the Explanatory Role of Residential Segregation: a Decomposition Analysis in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). *J Racial Ethn Health Disparities*. 2024 Apr;11(2):1024-1032. doi: 10.1007/s40615-023-01582-w. Epub 2023 Apr 13. PMID: 37052798.
5. Zierath R, Claggett B, Hall ME, Correa A, **Barber S**, Gao Y, Talegawkar S, Ezekwe EI, Tucker K, Diez Roux AV, Sims M, Shah AM (**2023**). Measures of Food Inadequacy and Cardiovascular Disease Risk in Black Individuals in the US From the Jackson Heart Study. *JAMA Netw Open*. 2023;6(1):e2252055. doi:10.1001/jamanetworkopen.2022.52055.
6. de Sousa Filho JF, Dos Santos GF, Andrade RFS, Paiva AS, Freitas A, Castro CP, de Lima Friche AA, **Barber S**, Caiaffa WT, Barreto ML (**2022**). Inequality and income segregation in Brazilian cities: a nationwide analysis. *SN Soc Sci*. 2022;2(9):191. doi: 10.1007/s43545-022-00491-9. Epub 2022 Sep 10. PMID: 36105865; PMCID: PMC9464061.
7. Mullachery PH, Li R, Melly S, Kolker J, **Barber S**, Diez Roux AV, Bilal U (**2022**). Inequities in spatial accessibility to COVID-19 testing in 30 large US cities. *Soc Sci Med*. 310:115307. doi: 10.1016/j.socscimed.2022.115307.
8. Schinasi LH, Kanungo C, Christman Z, **Barber S**, Tabb L, Headen I (**2022**). Associations Between Historical Redlining and Present-Day Heat Vulnerability Housing and Land Cover Characteristics in Philadelphia, PA. *J Urban Health*. 2022 Jan 25. doi: 10.1007/s11524-021-00602-6. Epub ahead of print. PMID: 35076872.
9. Guimarães JMN, Yamada G, **Barber S**, Caiaffa WT, Friche AAL, Menezes MC, Santos G, Santos I, Cardoso LO, Diez Roux AV (**2022**). Racial inequities in self-rated health across Brazilian cities: does residential segregation play a role? *Am J Epidemiol*. DOI: 10.1093/aje/kwac001.
10. Tabb, L. P., Roux, A. V. D., **Barber, S.**, Judd, S., Lovasi, G., Lawson, A., & McClure, L. A. (**2022**). Spatially varying racial inequities in cardiovascular health and the contribution of individual-and neighborhood-level characteristics across the United States: The REasons for geographic and racial differences in stroke (REGARDS) study. *Spatial and Spatio-temporal Epidemiology*, 40, 100473.
11. Gao X, Kershaw K, **Barber S**, Schreiner P, Do PD, Diez Roux AV, Mujahid M (**2022**) Associations between Residential Segregation and Incident Hypertension: The Multi-Ethnic Study of Atherosclerosis.
12. Bilal U, Mullachery PH, Schnake-Mahl AS, Rollins H, McCulley E, Kolker J, **Barber S**, Diez Roux AV (**2022**). Spatial Inequities in COVID-19 Vaccination in 16 Large US Cities. *American Journal of Epidemiology*.
13. Bilal U, McCulley EM, Li R, Rollins H, Schnake-Mahl A, Mullachery PH, Vaidya V, Koh C, Dureja K, Sharaf A, Furukawa A, Juliano C, **Barber S**, Kolker J, Diez Roux AV (**2022**). Tracking COVID-19 Inequities across jurisdictions represented in the Big Cities Health Coalition: The COVID-19 Health Inequities in BCHC Cities Dashboard. *American Journal of Public Health*.
14. Lopes MS, Caiaffa WT, Andrade ACS, do Carmo AS, **Barber S**, Mendes LL, Friche AAL (**2021**). Spatial inequalities of retail food stores may determine availability of healthful food choices in a Brazilian metropolis. *Public Health Nutr*. Jun 25:1-12. doi: 10.1017/S1368980021002706. Epub ahead of print. PMID: 34169811.
15. Forde AT, Sims M, Wang X, **Barber S**, Diez Roux AV (**2021**). The role of perceived discrimination in predicting changes in health behaviours among African Americans in the Jackson Heart Study. *J Epidemiol Community Health*. Jun 11:jech-2020-215998. doi: 10.1136/jech-2020-215998. PMID: 34117112.

16. Santos MID, Santos GFD, Freitas A, Sousa Filho JF, Castro C, Paiva ASS, Friche AAL, **Barber S**, Caiaffa WT, Barreto ML (2021). Urban income segregation and homicides: An analysis using Brazilian cities selected by the Salurbal project. *SSM Popul Health*. May 17;14:100819. doi: 10.1016/j.ssmph.2021.100819. PMID: 34041354; PMCID: PMC8142279.
17. Bilal U, Tabb LP, **Barber S**, Diez Roux AV (2021). Spatial Inequities in COVID-19 Testing, Positivity, Confirmed Cases, and Mortality in 3 U.S. Cities: An Ecological Study. *Ann Intern Med*. Jul;174(7):936-944. doi: 10.7326/M20-3936. PubMed PMID: 33780289. PubMed Central PMCID: PMC8029592.
18. Glover L, Cain L, Spuill T, O'Brien E, **Barber S**, Loehr L, Sims M (2020). Goal-Striving Stress and Cardiovascular Disease in African Americans: The Jackson Heart Study. *Journal of the American Heart Association*. doi: 10.1161/JAHA.119.015707. Epub Apr 28. PubMed PMID: 32342735; PubMed Central PMCID: PMC7428553.
19. Mayne S, Loizzo L, Bancks MP, Carnethon MR, **Barber S**, Gordon-Larsen P, Carson AP, Schreiner PJ, Bantle A, Whitaker K, Kershaw KI (2020). Racial Residential Segregation, Racial Discrimination, and Diabetes: The Coronary Artery Risk Development in Young Adults Study. *Health and Place*. doi: 10.1016/j.healthplace.2020.102286. Epub Jan 25. PubMed PMID: 32479363; PubMed Central PMCID: PMC7266830.
20. Duncan D, Crawford N, Bennett R, Gipson J, **Barber S**, Hickson DA (2020). Associations between Neighborhood Physical Disorder, Sexual Behaviors and HIV Infection Among Black Men Who Have Sex with Men in the Deep South: The MARI Study. *Arch Sex Behav*. 2020 Jan;49(1):185-193. doi: 10.1007/s10508-019-01619-4. Epub Jan 16. PubMed PMID: 31950381; PubMed Central PMCID: PMC7410008.
21. Lopes MS, Caiaffa WT, Andrade AC, Malta D, **Barber S**, Friche AA (2019). Disparities in Food Consumption Between Economically Segregated Urban Neighborhoods in Brazil. *Public Health Nutrition*. Feb;23(3):525-537. doi: 10.1017/S1368980019003501. Epub 2019 Dec 16. PubMed PMID: 31839024.
22. Meier H, Hussein M, Needham B, **Barber S**, Blackburn E, Epel E, Lin J, Seeman T, and Diez Roux AV (2019). Cellular Response to Chronic Psychosocial Stress: Ten-year Longitudinal Changes in Telomere Length in the Multi-Ethnic Study of Atherosclerosis. *Psychoneuroendocrinology*, 107, 70-81. 2019 Sep;107:70-81. doi: 10.1016/j.psyneuen.2019.04.018. PubMed PMID: 31112903; PubMed Central PMCID: PMC6635040.
23. Needham B, Wang X, Carroll J, **Barber S**, Epel ES, Sanchez B, Seeman T, Diez Roux AV (2019). Socio-demographic Correlates of Change in Leukocyte Telomere Length during Mid- to Late-Life: The Multi-Ethnic Study of Atherosclerosis. *Psychoneuroendocrinolog*, Apr;102:182-188. doi: 10.1016/j.psyneuen.2018.12.007. PubMed PMID: 30576944; PubMed Central PMCID: PMC6445551.
24. Do P, Moore K, **Barber S**, Diez Roux AV. (2019) Local neighborhood racial/ethnic segregation and BMI: A longitudinal analysis of the Multi-ethnic Study of Atherosclerosis. *International Journal of Obesity*. Aug;43(8):1601-1610. doi: 10.1038/s41366-019-0322-3. PubMed PMID: 30670849; PubMed Central PMCID: PMC6646102.
25. **Barber S**, Diez Roux AV, Cardoso L, Santos S, James, SA, Toste V, Barreto S, Schmidt M, Giatti L, Chor D (2018). At the Intersection of Place, Race, and Health in Brazil: Residential Segregation and Cardio-metabolic Risk Factors in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). *Social Science and Medicine Special Issue on Racism and Health Inequalities*, 199:67-76. 2018 Feb;199:67-76. doi: 10.1016/j.socscimed.2017.05.047. PubMed PMID: 28821371; NIHMSID:NIHMS900026.
26. Wang X, Auchincloss A, **Barber S**, Sims M, Griswold M, Mayne S, Diez Roux AV (2017). Neighborhood Social Environment as a Risk Factor for Health Behaviors Among African Americans in the Jackson Heart Study. *Health and Place*, 45, 199-207. 2017. doi: 10.1016/j.healthplace.2017.04.002. PubMed PMID: 28475962; PubMed Central PMCID: PMC5546244.
27. **Barber S**, Hickson DA, Wang X, Sims M, Nelson C, Diez Roux AV (2016). Neighborhood Disadvantage, Poor Social Conditions, and Cardiovascular Disease Incidence Among African American Adults in the Jackson Heart Study. *American Journal of Public Health*, 106(12): 2219-2226. Dec;106(12):2219-2226. doi: 10.2105/AJPH.2016.303471. PubMed PMID: 27736207; PubMed Central PMCID: PMC5105010.
28. **Barber S**, Hickson DA, Kawachi I, Subramanian SV, Earls F (2016). Double Jeopardy: Examining the Joint Impact of Neighborhood Disadvantage and Low Social Cohesion on Cumulative Risk of Disease Among African American Women and Men in the Jackson Heart Study. *Social Science and Medicine*, 153:107-115. doi: 10.1016/j.socscimed.2016.02.001. PubMed PMID: 26894941; PubMed Central PMCID: PMC4788553.
29. **Barber S**, Hickson DA, Kawachi I, Subramanian SV, Earls F (2015). Neighborhood Disadvantage and Cumulative Biological Risk Among a Socioeconomically Diverse Sample of African American Adults: An Examination in the Jackson Heart Study. *Journal of Racial and Ethnic Health Disparities*, 3(3):444-56. doi: 10.1007/s40615-015-0157-0. PubMed PMID: 27294737; PubMed Central PMCID: PMC4911317.
30. Green MA, Kim MM, **Barber S**, Odulana AA, Godley PA, Howard DL, Corbie-Smith G (2013). Connecting Communities to Health Research: Recruitment Strategies and the Development of the Project CONNECT Minority Research Registry. *Contemporary Clinical Trials*, 35 (1):1-7.

### **Peer-Reviewed, Under Review**

1. Hirsch JA et al. (**under review**). Spatial and neighborhood data in the Collaborative Cohort of Cohorts for COVID-19 Research (C4R).

### **Peer-Reviewed, In Progress**

1. **Barber S**, Ferreira AJ, Guimaraes J, Caiaffa WT, Friche G, Araujo E, Santos G, Lucumi D, Diez Roux AV. Racial Residential Segregation and Non-Communicable Disease Mortality in Brazilian Cities: the SALURBAL Project.
2. Bashir H, Ortigoza A, Goes E, Carabali M, Ramos D, Ferreira A, **Barber S**. Racial Residential Segregation and Adolescent Birth Rates in Brazilian Cities: the SALURBAL Project.
3. **Barber S**, Sims M, Johnson DA, Forde A, Hines A, Baxter S, Glover L, Sims K, Whitley J, Williams DR, James SA, Diez Roux AV. Social and Structural Determinants of CVD Morbidity and Mortality in the Jackson Heart Study, 2000-2024: Evidence, Future Research, and Action.

### **Book Sections**

1. **Barber S (2020)**. Racial Residential Segregation and Health Inequities in the United States. In *Urban Public Health: A Research Toolkit for Practice and Impact*. Eds. Ana V. Diez Roux, Jen Kolker & Gina Lovasi. Oxford University Press.

### **Reports and Briefs**

1. Bashir H, Ferreira A, Ortigoza A, Carabali M, Ramos D, Slesinski C, Goes E, **Barber S (2023)**. [Making the Invisible, Visible: Race, Racism, and Health Data, Lessons from Latin American Countries](#). The SALURBAL Project, the Ubuntu Center, and the Pan-DIASPORA Project. Drexel University Dornsife School of Public Health; January 2023.
2. The Ubuntu Center (2022). [The Ubuntu Approach: Human-Centered Scholarship & Action to Advance Population Health Equity](#). The Ubuntu Center on Racism, Global Movements & Population Health Equity, Drexel University Dornsife School of Public Health; May 2022.
3. **Barber S**, Headen I, Branch B, Tabb L, Yadeta K (2020). [COVID-19 in Context: Racism, Segregation and Racial Inequities in Philadelphia](#): Drexel University Dornsife School of Public Health Urban Health Collaborative; June 2020.
4. **Barber S**, Bellamy J, George A, Muhammad N, Petersen D, Thompson J, Tzeng J, Warren M (2008). [The African American Community of Southeast Rocky Mount, North Carolina: An Action-Oriented Community Diagnosis](#). Report completed for the Southeast Rocky Mount Community Organization, Rocky Mount, NC. *UNC Libraries*.

### **Public Scholarship and Commentary**

1. Barber W, Barber R & **Barber S (2020)**. Could Kamala Harris's Presence on the Ticket Help Usher in a Third Reconstruction? *The Nation*, 14 Aug 2020. <https://www.thenation.com/article/politics/kamala-harris-public-policy/>
2. Barber R & **Barber S (2020)**. From police brutality to COVID-19: racism's deadly toll. *Facing South*. Institute for Southern Studies, 13 Aug 2020. <https://www.facingsouth.org/2020/08/police-brutality-covid-19-racisms-deadly-toll>.
3. Bailey Z, **Barber S**, Ford C, Robinson W, Jefferson-Sealy S, Slaughter-Acey J (2020). Racism in the Time of COVID-19. *Interdisciplinary Association of Population Health Sciences, Invited Blog*, 08 Apr 2020. <https://iaphs.org/racism-in-the-time-of-covid-19/>.
4. **Barber S (2019)**. Matters of Life and Death: Racism, Health, and the Global Struggle for Black Lives. *UCLA Center for the Study of Racism, Social Justice, and Health, Invited Blog*, 14 Mar 2019. <https://www.racialhealthequity.org/blog/2019/3/14/matters-of-life-and-death-racism-and-the-global-struggle-for-black-lives>.
5. **Barber S (2018)**. Questões de Vida e Morte: o racismo e a luta global pelas Vidas Negras. *População Negra e Saúde, Invited Blog*, 01 Nov 2018. <http://populacaonegraesaude.blogspot.com/2018/11/questoes-de-vida-e-morte-o-racismo-e.html>.
6. **Barber S (2018)**. Matters of Life and Death: Racism, Health, and the Global Struggle for Black Lives. *RWJF New Connections, Invited Blog*, 14 Sep 2018.
7. **Barber S (2018)**. 'Marielle, Presente!' Becomes a Rallying Cry in the Global Fight Against Racism. *Sojourners*, 22 Mar 2018. <https://sojo.net/articles/marielle-presente-becomes-rallying-cry-global-fight-against-racism>.
8. Barber R & **Barber S (2016)**. 'Sick and tired of being sick and tired': making the connection between disenfranchisement and disease. *Facing*

## RESEARCH SUPPORT

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### ACTIVE

**RWJF 80702**

**Barber (PI)**

**04/1/2023-1/31/2027**

**Project Title:** Illuminating and Addressing Healthcare's Role in Perpetuating Structural Racism (ISR)

**Role:** PI, 20%

**Description:** The ISR program is a special initiative that aims to synthesize and build on existing research to clearly illuminate the historical roots of structural racism in the healthcare system and the modern-day structures, policies, and institutional practices that have resulted in, and perpetuated structural racism and a culture of white supremacy.

**Total Amount:** \$6,200,000

**Canadian Institutes of Health Research**

**Carabali (PI)**

**11/01/2022-10/31/2024**

**Role:** Co-Investigator, In-Kind (FTE not allowed)

**Project Title:** Pan-American Data Initiative for the Analysis of Population Racial/Ethnic Health Inequities (Pan-DIASPORA)

**Description:** The goal of this project is to assess the availability and quality of race data for Afro-descendants across registries for health in the Pan-American region.

**Total Sub-Award Amount:** \$120,136

**R01 01 HL148431-01, NIH/NHLBI**

**Barber (PI)**

**07/01/2020-06/30/2025**

**Role:** Principal Investigator, 50%

**Project Title:** Cardiometabolic Risk Development and Management in Changing Neighborhoods: The Jackson Heart Study

**Description:** The goal of this project is to use the Jackson Heart Study to investigate longitudinal associations between features of the neighborhood physical, social, and healthcare environment and cardiometabolic risk development and management over a 20-year period.

**Total Amount:** \$3,272,373

**1R01ES036565-01, NIH/NIEHS**

**Walker (PI)**

**08/06/2024-08/07/2029**

**Role:** Co-Investigator, 10%

**Project Title:** Wood Pellet Emissions and Children's Environmental Health in Mississippi

**Description:** Using an environmental justice lens, the goal of this study is to examine air and noise pollution exposures from Wood Pellet Manufacturing in rural Mississippi and the impact on children's health and well-being.

**Total Sub-Award Amount Requested:** \$210,683

**HHSN268201800011I, NIH/NHLBI**

**Carson (PI)**

**08/13/2018-08/15/2024**

**Role:** Sub-Award Principal Investigator, 10%

**Project Title:** Social Determinants of Health Scientific Working Group, Jackson Heart Study Field Center

**Description:** The Jackson Heart Study (JHS) is an NHLBI- & NIMHD-supported cohort study of cardiovascular diseases among African Americans (AAs) in Jackson, MS with an established network of JHS Vanguard Centers and scientific Working Groups (WGs) to support the following goals of the JHS: (1) conduct novel epidemiologic research on cardiovascular and related diseases, (2) serve as a resource to the scientific community in future research, (3) promote research training for early career investigators and other trainees in cardiovascular health equity, and (4) promote cardiovascular health in Jackson, MS.

**Total Sub-Award Amount:** \$203,554

### Completed

**205177Z/16Z, Wellcome Trust**

**Diez Roux (PI)**

**04/01/2017-03/31/2023**

**Role:** Co-Investigator, 5-10%

**Project Title:** What makes cities healthy, equitable and environmentally sustainable? Lessons from Latin America

**Description:** This project will leverage unique features of the Latin American region (one of the most urbanized areas of the world) to produce generalizable knowledge about the links between urbanization, health, and environments and to identify effective ways to organize, design and govern cities to improve health, reduce health inequalities, and maximize environmental sustainability of cities all over the world.

**Total Amount:** \$13,379,781

**230263, RWJF Alumni Network Activation Fund**

**Barber/Tabb (PIs)**

**07/01/2020-06/30/2021**

**Role:** Co-Principal Investigator, In-Kind

**Project Title:** Racism, Segregation and COVID-19 in Philadelphia: Transforming the Narrative and Mobilizing Data for Action

**Description:** Grounded in Critical Race Theory and Systems Thinking, this project will triangulate descriptive spatial data analyses, virtual community conversations, and digital storytelling to examine the links between structural racism, residential segregation, and COVID-19 in the city of Philadelphia.

**Total Amount:** \$10,000

**17SDG33670142, American Heart Association** **Barber (PI)** **07/01/2017-06/30/2021**  
**Role:** Principal Investigator, 30%  
**Project Title:** Multilevel Social Predictors of Hypertension and Diabetes Control in the United States and Brazil  
**Description:** This project seeks to examine multi-level social and economic predictors of hypertension and diabetes control in two state of the art, multi-center cohort studies in the United States and Brazil with comparable clinical, social, economic, and neighborhood-level data: the Multi-Ethnic Study of Atherosclerosis and the Brazilian Longitudinal Study of Adult Health.  
**Total Amount:** \$233,000

**77644, Robert Wood Johnson Foundation** **Diez Roux/Kolker (PIs)** **06/16/2020-06/14/2021**  
**Role:** Co-Investigator, 10%  
**Project Title:** Tracking outcomes and inequalities of the COVID-19 pandemic across the 30 cities that participate in the Big Cities Health Coalition  
**Description:** This project will develop a web-based data platform with COVID-19 data for the 30 largest U.S. cities and analyze inequities in COVID-19 outcomes in and across those cities.  
**Total Amount:** \$290,792

**73835, RWJF New Connections** **Barber (PI)** **09/01/2016-08/31/2017**  
**Role:** Principal Investigator, 75%  
**Project Title:** Residential Segregation as a Fundamental Cause of CVD Risk in the Deep South: An Investigation in the Jackson Heart Study  
**Description:** Using a novel spatial measure of neighborhood-level racial residential segregation, this proposed research project aims to: 1) examine the longitudinal association between racial residential segregation and ideal cardiovascular health; and 2) examine the extent to which neighborhood characteristics (i.e. economic, social, and resource features) explain the association.  
**Total Amount:** \$50,000

**SUBMITTED (not funded)**  
**NIH/NIEHS** **Walker (PI)** **12/01/2023-11/30/2028**  
**Role:** Co-Investigator, 10%  
**Project Title:** Air and Noise Pollution Exposures in Wood Pellet Manufacturing Communities and Its Impact on Children's Health Using Environmental Justice, Environmental Health Literacy, and Empowerment Lenses  
**Description:** Using an environmental justice lens, the goal of this study is to examine air and noise pollution exposures from Wood Pellet Manufacturing in rural Mississippi and the impact on children's health and well-being.  
**Total Sub-Award Amount Requested:** \$244,378

**NIH/NIMHHD** **Barber (PI)** **04/01/2023-03/31/2027**  
**Role:** Principal Investigator, 20%  
**Project Title:** Historical and Contemporary Geographic Trends in Racial Residential Segregation, Adverse Neighborhood Conditions, and Chronic Disease Morbidity Among Black Americans in U.S. Cities, 1940-2020  
**Description:** The primary goal of the study are to examine historical and contemporary geographic trends in segregation and adverse neighborhood conditions between 1940 and 2020 and their impact on racially patterned geographic inequities in chronic disease morbidity among Black American adults.  
**Total Amount Requested:** \$3,675,729

**NIH/NHLBI** **Tabb (PI)**  
**Role:** Co-Investigator, 10%  
**Project Title:** Evaluating the Impact of Individual-, Neighborhood-, and Policy-Level Factors in Geographic and Temporal Trends in Cardiovascular Health Racial Inequities: Leveraging Pooled NIH-Funded Cohorts  
**Description:** The goal of this study is to examine the geographic differences and temporal trends in racial inequities in cardiovascular health (CVH) and how policies and neighborhood-level factors influence that variation, in addition to individual-level factors.  
**Total Amount Requested:** \$3,164,864

**NIH/NIEHS** **Diez Roux (PI)** **03/01/2023-02/28/2026**  
**Role:** Co-Investigator, 5%  
**Project Title:** Drexel Climate Change and Health Research Coordinating Center  
**Description:** The goal of the Drexel Climate Change and Health (CCH) Research Coordinating Center (RCC) is to create, coordinate, and sustain an NIH community of practice (COP) that supports (1) the conduct and coordination of rigorous policy-relevant transdisciplinary research on the impact of climate change on health; (2) a special focus on understanding the equity implications of climate change and ensuring that mitigation or adaptations maximize equity; (3) engagement and capacity building for diverse scientists from multiple disciplines in the United States and globally; and (4) the dissemination and translation of findings into practice and policy.  
**Total Amount Requested:** \$6,735,099

## Completed (As a Fellow or Trainee)

**R01 2 P60 MD 002249-10, NIH/NIMHD**

**Diez Roux/Mendes de Leon (PIs)**

**06/01/2014-08/31/2018**

**Role:** Postdoctoral Research Fellow/Assistant Research Professor, 100%

**Project Title:** Social and Geographic Predictors of Heterogeneity in Cardiovascular Risk in African Americans

**Description:** The goal of this project is to investigate how social and biologic factors interact to shape the distribution of cardiovascular risk among African Americans. The identification of factors related to heterogeneity in cardiovascular risk within African Americans is important to identify the prevention strategies most likely to be effective.

**T32 HL 098048-02, NIH/NHLBI**

**Rimm/Mozaffarian (PIs)**

**08/01/2011-07/31/2013**

**Role:** Pre-Doctoral Fellow/Trainee, 100%

**Project Title:** CVD Epidemiology Training Program in Behavior, the Environment and Global Health

**Description:** The goal of this program is to provide didactic training and mentoring for young investigators interested in studying the impact of behavioral and environmental risk factors on cardiometabolic diseases and understanding and utilizing the full set of epidemiologic, interventional, environmental, and policy tools to design, implement, and evaluate the most effective individualized, community, and policy interventions to reverse the alarming global trends in cardiometabolic diseases.

**5 R25 GM 055353, NIH/NIGMS**

**Kawachi/Gillman (PIs)**

**09/01/2009-08/31/2011**

**Role:** Pre-Doctoral Fellow/Trainee, 100%

**Project Title:** Initiative to Maximize Student Diversity

**Description:** The goal of this program is to improve the academic and research competitiveness of underrepresented minority students at the undergraduate, graduate, or postdoctoral levels and facilitate their progress toward careers in biomedical research.

## INVITED TALKS AND CONFERENCE PRESENTATIONS

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### Selected Invited Talks: Academic

1. Noise W, Greer C, **Barber S (2024)**. Healthcare & Ecological Justice Are Moral Issues in 2024. Invited Panelist. Inaugural Public Theology and Public Policy Conference. The Center for Public Theology and Public Policy, Yale Divinity School. New Haven, CT.
2. **Barber S (2023)**. Sick and Tired of Being Sick and Tired: Racism, Health Equity, and Justice Beyond the Pandemic. Invited Lecture. JHS Undergraduate Education and Training Center, Tougaloo College, Tougaloo, MS.
3. **Barber S (2023)**. Science in the Service of Life. Invited Lecture. Department of Medical Ethics and Health Policy Speaker Series. University of Pennsylvania Perelman School of Medicine. Philadelphia, Pennsylvania.
4. **Barber S (2023)**. Embodied Racism. Embodied Resistance: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Invited Keynote Lecture. II SEMINÁRIO NORTE-NORDESTE SOBRE SAÚDE DA POPULAÇÃO NEGRA E IV SEMINÁRIO SOBRE RACISMO E SAÚDE. Feira de Santana, Bahia, Brazil. Virtual.
5. **Barber S (2023)**. Embodied Racism. Embodied Resistance: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Invited Lecture. EBOH Epidemiology Seminar Winter 2023 Series. McGill University. Montreal, Canada.
6. **Barber S (2023)**. Embodied Racism. Embodied Resistance: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Invited Lecture. Department of Epidemiology Seminar Series. Brown University. Providence, RI.
7. **Barber S (2022)**. Sick and Tired of Being Sick and Tired: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Distinguished Lecture Series. UCLA Center for the Study of Racism, Social Justice, and Health. Virtual.
8. **Barber S (2022)**. Beyond COVID-19: Addressing Structural Racism to Advance Population Health Equity Globally. Global Health Education Ireland Symposium. Royal College of Physicians Ireland. Virtual.
9. **Barber S (2022)**. Sick and Tired: Health Equity and Justice Beyond the Pandemic. Invited Lecture. JHS Annual Scientific Council Meeting. Jackson, MS.
10. **Barber S (2022)**. Science for the People: Using Science to Prioritize Health Equity. Invited Panelist. Leading With Science in an Age of Anti-Science. Society for Epidemiologic Research Annual Meeting. Chicago, IL.
11. **Barber S (2022)**. Beyond COVID-19: Addressing Structural Racism to Advance Population Health Equity. Invited Panelist. A tale of intersecting pandemics: Setting the stage. Society for Epidemiologic Research 2022 Annual Mid-Year Meeting. Philadelphia, PA.
12. **Barber S (2022)**. Next Steps in Advancing Health Equity. Invited Panelist. Partners for Advancing Health Equity (P4HE), Tulane School of Public Health and Tropical Medicine, New Orleans, LA.



13. **Barber S (2022).** Structural Racism Research Leadership Panel. Invited Panelist. RWJF Interdisciplinary Research Leaders Symposium. San Diego, CA.
14. **Barber S (2022).** Environmental Justice Panel. Invited Panelist. Bard College Citizen Science Program. Virtual.
15. **Barber S (2021).** Race and Racism as determinants of health inequalities. Invited Panelist. Brazilian Association of Collective Health 11<sup>o</sup> Congresso Brasileiro de Epidemiologia. Virtual.
16. **Barber S (2021).** Racism in the Time of COVID-19: Reflections on Theory, Data, and Action. Invited Speaker. Department of Social Policy and Intervention, University of Oxford. Oxford, England. Virtual.
17. **Barber S (2021).** Racism -A Public Health Emergency Across the World. Invited Panelist. Anti-Racism in Public Health Policies, Practice, and Research Symposium, Harvard University FXB Center for Health and Human Rights. Virtual.
18. **Barber S (2021).** Reflections on U.S. Racism and Resistance During the Pandemic and Beyond. Invited Panelist. COVID and Moral Failure: Where Do We Go From Here? The Royal Australasian College of Physicians, Sydney, Australia.
19. **Barber S (2021).** Decolonizing COVID 19: Reflections on Racism and Resistance During the Pandemic and Beyond. Invited Speaker. Villanova Lapage Center for History in the Public Interest, Villanova University. Villanova, PA.
20. **Barber S (2021).** The Master's Tools?: Reflections on Racism, Health Inequities, and AI Amidst the COVID-19 Pandemic. Invited Panelist. MIT AI for Healthcare Equity Conference. Massachusetts Institute of Technology, Cambridge, MA.
21. **Barber S (2021).** The Only Way Forward: Health Activism During the Pandemic and Beyond. Victor Schoenbach Keynote Speaker. UNC Minority Health Conference, UNC Gillings School of Global Public Health. Chapel Hill, NC.
22. **Barber S (2020).** Impact of Structural Racism on Child Well-Being. Invited Speaker. Einstein Hospital Grand Rounds. Philadelphia, PA.
23. **Barber S (2020).** Racism in the Time of COVID-19: Implications for Theory, Data, and Action. Invited Speaker. Gijs van Seventer Environmental Health Seminar Series. Boston University School of Public Health, Boston, MA.
24. **Barber S (2020).** Racism in the Time of COVID-19: Implications for Theory, Data, and Action. Invited Speaker. Social Demography Seminar Series. Harvard Center for Population and Development Studies. Harvard T.H. Chan School of Public Health, Boston, MA.
25. **Barber S (2020).** Racism and Health in the Shadow of the COVID-19 Pandemic: The U.S. Perspective. Invited Speaker. 16<sup>th</sup> World Congress on Public Health Pre-Conference Symposium: Migration, ethnicity, racism and the COVID-19 pandemic: key perspectives on a global crisis.
26. **Barber S (2020).** Power, Privilege, and Racism in the Midst of the COVID-19 Pandemic. Invited Speaker. CHOP 12th Annual Pediatric Global Health Conference, Philadelphia, PA.
27. **Barber S (2020).** Ensuring Equity and Justice During the COVID-19 Pandemic and Beyond: Lessons from the Poor People's Campaign Health Justice Advisory Committee. Invited Speaker. #EquityinCOVID Webinar Series. UNC-CH Center for Health Equity Research and Community Campus Partnerships for Health, Chapel Hill, NC.
28. **Barber S (2020).** COVID-19 in Context: Racism, Segregation and Racial Inequities in Philadelphia. Invited Speaker. DSPH Department of Epidemiology and Biostatistics Seminar Series. Drexel University Dornsife School of Public Health, Philadelphia, PA.
29. **Barber S (2020).** COVID-19: Implications for Health Equity. Invited Panelist. Dornsife Coronavirus Webinar Series. Drexel University Dornsife School of Public Health, Philadelphia, PA.
30. **Barber S (2020).** How Racial Injustice Creates Health Inequities. Invited Panelist. RWJF Sharing Knowledge Conference, Jackson, MS.
31. **Barber S (2019).** Place Matters: From Health and Health Care Disparities to Equity. Invited Panelist. National Academy of Medicine Vital Directions for Health and Health Care Symposium: The North Carolina Experience, Durham, NC.
32. **Barber S and Barber W (2019).** Environmental Justice, Climate Justice, and the Fight Against Environmental Racism. Keynote Speaker. NC Central University, Department of Public Health Education, Policy Forum, Durham, NC.
33. **Barber S (2019).** Embodying Racism: Empirical Evidence from the United States and Brazil. Invited Speaker. UNC-Chapel Hill Gillings School of Global Public Health, Department of Epidemiology, Social Epidemiology Seminar Series, Chapel Hill, NC.
34. **Barber S (2019).** At the Intersection of Place, Race(ism) and Health: Residential Segregation and Cardiometabolic Risk Factors in the United States and Brazil. Invited Speaker. University of Louisville School of Medicine, Christina Lee Brown Envirome Institute, Louisville, KY.

35. **Barber S (2019)**. Racism and Implicit Bias. Invited Speaker. Global Health in Our Own Backyard: Controversies, Initiatives, and Innovations for our Local Underserved Populations. Children's Hospital of Philadelphia (CHOP) Global Health Conference. Philadelphia, PA.
36. **Barber S (2019)**. In the Best Interest of the Child: Structural Racism Gets in the Way. Invited Panelist. Villanova University Matthew J. Ryan Law and Public Policy Forum Symposium. Villanova, PA.
37. **Barber S (2019)**. Embodying Racism: Empirical Evidence from the United States and Brazil. Keynote Lecture. 6<sup>th</sup> Swedish-Brazilian Workshop on Social Inequalities of Health and Aging. Rio de Janeiro, RJ, Brazil.
38. **Barber S (2019)**. Matters of Life and Death: Racism, Health and the Global Struggle for Black Lives. Keynote Lecture. A Symposium on Social Justice and Health Equity: Then and Now, UNC-Greensboro, Greensboro, NC.
39. **Barber S (2019)**. Being a Force for Change in Your Community. Your Part in the Pursuit of a World of Longer Healthier Lives Fireside Chat. Invited Panelist. Empowered to Serve Urban Health Accelerator-HBCU Leadership Summit. Charlotte, NC.
40. **Barber S (2018)**. Matters of Life and Death: Racism, Health, and the Global Struggle for Black Lives. Invited MED Talk. Racism in Medicine Conference. Drexel University College of Medicine, Philadelphia, PA.
41. **Barber S (2018)**. At the Intersection of Place, Race(ism) and Health: Residential Segregation and Health Inequalities in Brazil. Invited Lecture. Ciclo de Palestras 2018, Instituto de Estudos Sociais e Políticos, Universidade Federal do Rio de Janeiro (IESP-UERJ), Rio de Janeiro, RJ, Brazil.
42. **Barber S (2018)**. At the Intersection of Place, Race(ism) and Health: Residential Segregation and Health Inequalities in Brazil. Invited Speaker. Programa de Pós-Graduação em Saúde Coletiva, Universidade Estadual de Feira de Santana, Feira de Santana, BA, Brazil.
43. **Barber S (2018)**. At the Intersection of Place, Race and Health: Residential Segregation and Health Inequalities in Brazil. Invited Speaker. Seminário de Saúde Pública, Pós-Graduação em Saúde Pública da Faculdade de Medicina da Universidade Federal de Minas Gerais, Belo Horizonte, MG, Brazil.
44. **Barber S (2016)**. Residential Segregation, Race, and Cardio-metabolic Risk Factors in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). Invited Speaker. Dept. of Epidemiology, National School of Public Health. Oswaldo Cruz Foundation, Rio de Janeiro, RJ Brazil.
45. **Barber S (2016)**. Matters of Life and Death: A Dialogue with Young Scholars about Public Health, Social Justice, and the Power of Partnerships. Invited Panel Organizer and Moderator. Community-Campus Partnerships for Health International Conference, New Orleans, LA.
46. **Barber S, Hickson DA, Kawachi I, Subramanian SV, Earls F (2015)**. Neighborhood Disadvantage and Cardiovascular Disease Risk in the Jackson Heart Study: Implications for Action. Invited Speaker. Center for Integrative Approaches to Health Disparities Junior Investigators Symposium, Philadelphia, PA.

***Selected Invited Talks and Trainings: Community***

1. **Barber S (2024)**. Invited Speaker. Promise Neighborhoods of Lehigh Valley, State of the PNLV. Lehigh Valley, PA.
2. **Barber S (2022)**. Pain, Power, and Possibilities: Advancing Health Justice During the COVID-19 Pandemic and Beyond. Invited Keynote Speaker. SPAN Ohio Annual Conference. Columbus, OH.
3. **Barber S (2021)** In DuBois's Footsteps: The Health of Our Cities, Then & Now. Invited Panelist. WHY PBS and NPR. Philadelphia, PA.
4. **Barber S (2021)**. Pain, Power, and Possibilities: Advancing Health Justice During the Pandemic and Beyond. Invited Keynote Speaker. Arkansas Social Justice and Health Inequities and Disparities Symposium. Arkansas Peace & Justice Memorial Movement and the Arkansas Poor People's Campaign. Virtual.
5. **Barber S (2021)**. Health Equity in the Age of COVID. Invited Panelist. WURD Radio Founder's Day Celebration. Philadelphia, PA. Virtual.
6. **Barber S (2021)**. The COVID-19 Pandemic in 2021. Invited Speaker. NC Black and Brown Women's Roundtable. Greensboro, NC.
7. **Barber S (2020)**. Racism and the COVID-19 Pandemic in Philadelphia. Northeast Philadelphia Against Racism Community Conversation Series. Philadelphia, PA.
8. **Barber S (2020)**. COVID-19 in Context: Racism, Segregation and Racial Inequities in Philadelphia. Community College of Philadelphia. Philadelphia, PA.
9. **Barber S (2020)**. COVID-19 in Context: Racism, Segregation and Racial Inequities in Philadelphia. Philadelphia Public Health Management Corporation. Philadelphia, PA.

10. **Barber S (2020)**. Einstein Healthcare Network Annual MLK Day. Invited Keynote Speaker. Philadelphia, PA.
11. **Barber S (2019)**. Our Health... Our Wealth... Our Culture. Invited Keynote Speaker. North Philadelphia Peace Park. Philadelphia, PA.
12. **Barber S (2019)**. Matters of Life and Death: Racism, Health, and the Global Struggle for Black Lives. Invited Speaker. Community Lunch and Learn Series. South Philadelphia Prevention Coalition. Philadelphia, PA.
13. **Barber S (2019)**. Impact of Structural Racism on the Child Welfare System: An Introduction for Child Advocates Volunteers. Invited Facilitator. Support Center for Child Advocates Lawyer and Staff Training. Philadelphia, PA.
14. **Barber S (2019)**. Embodying Racism in Jackson, MS: From Evidence to Action. Invited Facilitator. Community-Campus Partnerships for Health: From Discourse to Action: Addressing Structural Inequalities Through Partnerships. Jackson, MS.
15. **Barber S (2018)**. Racism, Segregation, and Cardiovascular Disease. Invited Panelist. Philadelphia Health Federation Panel on the Impact of Social Determinants on Disease States. Philadelphia, PA.
16. **Barber S (2018)**. Exploring the Role of Structural Racism in Shaping Behavioral Health Outcomes. Invited Facilitator, City of Philadelphia Community Behavioral Health Lunch and Learn Series. Philadelphia, PA.
17. **Barber S (2018)**. Sick and Tired: Structural Racism and Child-Well Being. Invited Facilitator. Support Center for Child Advocates Staff Training. Philadelphia, PA.
18. **Barber S (2017)**. Using Research to Improve Social Determinants of Health: Findings from the Jackson Heart Study. Invited Facilitator. JHS Community Outreach and Engagement Core Training, Taking Action for Policy Change: Social Determinants of Health and Policy Advocacy, Jackson Medical Mall. Jackson, MS.
19. **Barber S (2008)**. Unnatural Causes DVD & Dialogue Series. Organizer and Facilitator. UNC Project Export Minority Recruitment Core. UNC Cecil G. Sheps Center for Health Services Research, Program on Health Disparities Chapel Hill, NC.

#### **Conference Coordination**

1. **Barber S (2021)**. The Pain and Power of Place. Panel Organizer. Interdisciplinary Association of Population Health Sciences Annual Meeting. Virtual.
2. Butler B and **Barber S (Co-Organizers) (2019)**. *400 Years of Inequality: Social Justice Through Research, Practice, and Policy*. Society for the Analysis of African American Public Health Issues Annual Meeting and Scientific Symposium. Philadelphia, PA.

#### **Conference Presentations**

1. Ford C, **Barber S**, Barrington W, Goodman, M, Hardeman R (**2023**). Together We Can Move Mountains. APHA Annual Meeting, Atlanta, GA.
2. Fry D, **Barber S**, Mooney SJ, Whitley J (**2023**). Characterizing disinvestment in urban and rural neighborhoods of Jackson, MS. Poster Presentation. SER Annual Meeting, Portland, OR.
3. Bashir H, Ortigoza A, Goes E, Carabali M, Ramos D, Ferreira A, **Barber S (2022)**. Racial Residential Segregation and Adolescent Birth Rates in Brazilian Cities: the SALURBAL Project. Oral Presentation. International Society for Urban Health, International Conference on Urban Health. Valencia, Spain.
4. Gripper AB, Cory H, Sealy-Jefferson S, **Barber S (2022)** The Radical Voice in Academia: Leveraging institutional support and power to support community solutions to health inequities. Invited Panelist. IAPHS Annual Meeting, Minneapolis, MN.
5. **Barber S**, Guimarães J, Devlin A, Granche J, Cardoso L, Griep R, Mendes da Fanseca M, Diez Roux AV, Schmidt M, Chor D (**2020**). Residential Segregation is Associated with Uncontrolled Diabetes Among Brazilian Adults: the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). Poster presented at the American Heart Association Epi/Lifestyle Scientific Session, Houston, TX.
6. **Barber S (2020)**. Embodying Racism: Theoretical and Empirical Considerations from Brazil. Accepted panel presentation to be presented at the Brazilian Studies Association XV International Congress, Austin, TX.
7. **Barber S**, Bailey Z, Mendez, D, Lopes F (**2019**). Embodying 400+ Years of Inequality: Empirical Evidence from the United States and Brazil. Special Session organized and presented in the Epidemiology Section at the 147<sup>th</sup> Annual American Public Health Association Meeting and Exposition, Philadelphia, PA.
8. Ford C, Bailey Z, **Barber S**, Pamplin, J (**2019**). Beyond “is race a cause?” – Bringing Critical Race Theory into Epidemiology. Invited panel presentation presented at the Society for Epidemiologic Research Annual Meeting, Minneapolis, MN.

9. Guimarães J, **Barber S**, Jackson, JJ, Cardos L, Griep R, de Jesus M, Schmidt I, Duncan B, Barreto S, Camelo L, Chor D (2019). Racial disparities in the control of hypertension and the mediating role of residential segregation: the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). Poster to be presented at the Society for Epidemiologic Research Annual Meeting, Minneapolis, MN.
10. Lopes MS, Caiiffa W, Andrade C, Malta D, **Barber S**, Friche AA (2019). *Segregação socioespacial em um grande centro urbano: repercussões no consumo de frutas e hortaliças*. Congresso Nacional de Alimentos e Nutrição, Ouro Preto, MG, Brazil.
11. **Barber S**, Nelson J, Diez Roux AV, Cardoso L, Santos S, Barreto S, Schmidt M, Giatti L, Chor D (2019). Residential Segregation is Associated with Obesity and Visceral Adiposity Among Brazilian Women: the Brazilian Longitudinal Study of Adult Health. Poster presented at the American Heart Association Epi/Lifestyle Scientific Session, Houston, TX.
12. **Barber S**, Kershaw K, Nelson J, Wang X, Sims M, Diez Roux AV (2018). Racial Residential Segregation and Diabetes Incidence Among African American Adults in the Jackson Heart Study: Implications for Health Equity. Oral presentation presented in the Epidemiology Section at the 146<sup>th</sup> Annual American Public Health Association Meeting and Exposition, San Diego, CA.
13. Bailey Z & **Barber S** (2018). Shifting from neighborhood disadvantage to neighborhood disinvestment: Structural racism, residential segregation, and health disparities. Oral presentation presented in the Spirit of 1848 Caucus at the 146<sup>th</sup> Annual American Public Health Association Meeting and Exposition, San Diego, CA.
14. **Barber S** (2018). Black Communities Matter for Health: Residential Segregation and Cardiovascular Disease in the United States and Brazil. Oral presentation presented at the Black Communities Conference sponsored by UNC-Chapel Hill, Durham, NC.
15. **Barber S**, Kershaw K, Nelson, J, Wang X, Sims M, Tabb L, Diez Roux AV (2018). Racial Residential Segregation and Ideal Cardiovascular Health Among African American Adults in A Southern Metropolitan Area: the Jackson Heart Study. Abstract accepted for Moderated Poster presented at the American Heart Association Epi/Lifestyle Scientific Session, New Orleans, LA.
16. **Barber S**, Diez Roux AV, Cardoso L, Santos S, James, SA, Toste V, Barreto S, Schmidt M, Giatti L, Chor D (2017). At the Intersection of Place, Race, and Health in Brazil: Examining Residential Segregation and Cardio-metabolic Risk Factors in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). Oral presentation presented at the Society for Epidemiologic Research 50<sup>th</sup> Annual Meeting, Seattle, WA.
17. **Barber S**, Kershaw K, Wang X, Hickson DA, Sims M, Tabb L, Vaughn N, Williams DR, Diez Roux AV (2016). Neighborhood-Level Racial Residential Segregation as a Fundamental Cause of Cardiovascular Disease Incidence in African American Adults: A Prospective Examination in the Jackson Heart Study. Oral presentation presented to the Epidemiology Section at the 144<sup>th</sup> Annual American Public Health Association Meeting and Exposition, Denver, CO.
18. **Barber S**, Hickson DA, Wang X, Sims M, Nelson C, Diez Roux AV (2016). The Influence of Neighborhood Disadvantage and Social Conditions on Cardiovascular Disease Incidence Among African American Adults in a Southern Metropolitan Area: A Prospective Analysis in the Jackson Heart Study. Poster presented at the American Heart Association Epi/Lifestyle Scientific Session, Phoenix, AZ.
19. **Barber S**, Hickson DA, Kawachi I, Subramanian SV, Earls F (2014). Examining the Association Between Neighborhood Disadvantage and Cumulative Biological Risk Among African American Adults at Varying levels of SES. Oral presentation presented at the Society for the Analysis of African American Public Health Issues Annual Scientific Symposium, New Orleans, LA.
20. Green M, Kim M, **Barber S**, Odulana A, Corbie-Smith G (2012). Connecting Communities to Health Research: Recruitment Strategies and Development of the Project CONNECT Minority Research Registry. Oral presentation presented at the 140<sup>th</sup> Annual American Public Health Association Meeting and Exposition, San Francisco, CA.
21. **Barber S**, Siddiqi A, Bolland J (2010). Behaviors in Context: Exploring the Relationship Between Neighborhood Connectedness and Risk Behaviors in Adolescents in Mobile, Alabama. Poster presented at the 138<sup>th</sup> Annual American Public Health Association Meeting and Exposition in Denver, CO.
22. Lian B, Bolland J, **Barber S** (2008). On Public Housing and Adolescent Health Outcomes. Paper submitted to the Society for Research in Child Development 2009 Biennial Meeting, Denver, CO.
23. **Barber S**, Tzeng J, Thompson J, George A (2008). Other side of the tracks: Understanding the historical, social, and environmental context of health in an African American community in Eastern North Carolina. Poster presented at the 136<sup>th</sup> Annual American Public Health Association Meeting and Exposition, San Diego, CA.
24. **Barber S**, Bennett G, Tucker-Sealey R, Barbeau B (2006). Discrimination and Interleukin-6 (IL-6) in a Sample of School Bus Drivers. Poster presented at the NC Northeast Alliance Day, Greensboro, NC.
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## TEACHING EXPERIENCE

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### Courses

#### Urban Inequalities and Health: Theory, Methods, and Action- Online

Course Designer and Instructor, Drexel University Dornsife School of Public Health Online MPH in Urban Health, Philadelphia, PA

#### Place and Health: Methodological Approaches to Examining Macrosocial Determinants of Population Health

Visiting Lecturer, Fundação Oswaldo Cruz (Fiocruz), Escola Nacional de Saúde Pública, Dept. of Epidemiology, Rio de Janeiro, RJ, Brazil

#### Examining Neighborhoods and Health in Epidemiologic Research: Concepts and Methods

Visiting Lecturer, Pós-Graduação em Saúde Pública da Faculdade de Medicina, Universidade Federal de Minas Gerais, Belo Horizonte, MG, Brazil

### Selected Guest Lectures

1. **Barber S (2023)**. Sick and Tired of Being Sick and Tired: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Guest Lecture. Spirituality and Healing in Medicine, Harvard Divinity School. Virtual.
2. **Barber S (2023)**. Sick and Tired of Being Sick and Tired: Advancing Antiracism Scholarship and Solutions Beyond the Pandemic. Guest Lecture. Black Power to Black Lives Matter, Sewanee University. Virtual.
3. **Barber S (2020)**. Segregated by Design: Residential Segregation and Racial Health Inequities in the United States. Guest Lecture. Race and Law, Villanova University Charles Widger School of Law, Villanova, PA.
4. **Barber S (2019)**. Exploring the Role of Structural Racism in Shaping Psychological Outcomes. Guest Lecture. Multicultural Perspectives in Psychology. Drexel University College of Arts and Sciences, Philadelphia, PA.
5. **Barber S (2019)**. At the Intersection of Place, Race(ism) and Health: Residential Segregation and Cardiometabolic Risk Factors in the United States and Brazil. Guest Lecture. Introduction to Public Health Course, Montclair State University, Montclair, NJ.
6. **Barber S (2018)**. Examining Fundamental Causes of Health Inequalities Among African Americans. Guest Lecture. Introduction to Public Health, Dept. of Community Health and Prevention, Drexel University Dornsife School of Public Health, Philadelphia, PA.
7. **Barber S (2018)**. Exploring the Role of Structural Racism in Shaping Psychological Outcomes. Guest Lecture. Multicultural Perspectives in Psychology. Drexel University College of Arts and Sciences, Philadelphia, PA.
8. **Barber S (2017)**. Examining Fundamental Causes of Health Inequalities Among African Americans. Guest Lecture. Introduction to Public Health, Dept. of Community Health and Prevention, Drexel University Dornsife School of Public Health, Philadelphia, PA.
9. **Barber S (2017)**. Residential Segregation and CVD Outcomes: Implications for Racial Health Inequalities in the United States and Brazil. Guest Lecture. Sociology of Health & Illness. Dept. of Sociology, Drexel University, Philadelphia PA.
10. **Barber S (2016)**. Black Lives Matter: A Public Health Perspective. Guest Lecture. Public Health and Social Justice. Dept. of Health Policy and Management, Drexel University Dornsife School of Public Health, Philadelphia, PA.
11. **Barber S (2015-17)**. Action-Oriented Community Diagnosis: Lessons from Southeast Rocky Mount, NC. Guest Lecture. Theory and Practice of Community Health and Prevention. Dept. of Community Health and Prevention, Drexel University Dornsife School of Public Health, Philadelphia, PA.
12. **Barber S (2016)**. At the Intersection of Place, Race, and Health in Brazil: Residential Segregation and Cardio-metabolic Risk Factors in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). Research Seminar, Urban Health Collaborative, Drexel University Dornsife School of Public Health, Philadelphia, PA.

## MENTORING & ADVISING

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### Postdoctoral Trainees

Jackie Jahn, ScD MS  
Andrea Ferreira, PhD

### PhD Trainees

Amie Devlin\*  
Max Pistilli\*\*  
Sandy Cayo\*\*  
Julianne Nelson  
Mariana Souza Lopes\*\*†  
Vanessa Melo†

### Masters Trainees

Huda Bashir\*\*\*  
Deja Gantt\*\*\*  
Jennifer Ware\*\*\*  
Patrice Farquharson\*\*\*\*  
Kenna Yadeta\*\*\*\*  
Breana Branch  
Maya Stallings\*\*\*\*  
Maxine Davis\*\*\*  
Najira Ahmed\*\*\*

### Undergraduate and HS Trainees

Aaliyah Campbell

<sup>†</sup>Dissertation chair

<sup>™</sup>Dissertation committee member

<sup>™™</sup>Integrated Learning Experience/Applied Practical Experience

<sup>™™™</sup>Masters Fellow/Graduate Research Assistant

<sup>†</sup>Student at international institution

## **EXPERT COMMENTARY AND RESEARCH REFERENCED IN MEDIA** (\*Interviewed by Reporter \*\*On-Air TV/Radio)

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Jackson, MS Water Crisis **2022**: \*\*CNN International; The Ubuntu Center Teach-In Series **2022**: \*The Philadelphia Tribune; \*NPR WHYY; Poverty and COVID-19 in the United States **2022**: \*\*Democracy Now; Racial Inequities in COVID-19 Vaccine Distribution **2021**: \*\*NPR WHYY; \*The Philadelphia Inquirer | Racism as a Public Health Crisis **2020**: \*The Smithsonian Magazine; \*Philadelphia Magazine | Racial Inequities in COVID-19 **2020**: \*The New York Times; \*The New York Times Magazine; \*The Nation; \*The Lancet World Report; \*\*NPR 1A; \*\*Al Jazeera: *The Stream*; \*The Philadelphia Inquirer; \*The Philadelphia Tribune; \*Atlanta Journal Constitution; \*\*NPR WHYY; \*Refinery29; \*The Root. | **2017**: Residential Segregation and Racial Health Inequities in Brazil: O Globo. | **2017**: Neighborhood Status and CVD: U.S. News & World Report