

## CHANDRA L. JACKSON, PH.D., M.S.

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### Education

2012	Ph.D.	Epidemiology (Cardiovascular)	The Johns Hopkins University
2007	M.S.	Epidemiology (Cardiovascular)	Harvard T.H. Chan School of Public Health
2003	B.S.	Biology	Bethune-Cookman University

### Postdoctoral Training

2012-2014 **Alonzo Smythe Yerby Postdoctoral Fellowship**, Nutrition/Epidemiology, Harvard T.H. Chan School of Public Health

- Investigated dietary and lifestyle factors (e.g., sleep) as major modifiable contributors to racial/ethnic and socioeconomic health disparities in chronic diseases (e.g., obesity; diabetes) related to the cardiovascular system
- Core Evaluation Member of a CDC-funded R.E.A.C.H. Demonstration Project to address health disparities

### Academic Appointments

2017-date **Earl Stadtman Senior Investigator** (tenured), Epidemiology Branch, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC

2017-date **Adjunct Investigator**, Intramural Research Program, National Institute of Minority Health and Health Disparities, National Institutes of Health, Bethesda, MD

2017-date **Adjunct Assistant Professor**, Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC

2017-date **Associate Scientist**, Department of Medicine, Brigham & Women's Hospital, Boston, MA

2014-2016 **Research Associate**, Population Health Research Program, Harvard Catalyst | Clinical and Translational Science Center (Harvard Medical School), Boston, MA

2014-2016 **Research Associate**, Epidemiology Department, Harvard T.H. Chan School of Public Health, Boston, MA

### Certifications

2009 **Certificate in Health Disparities and Health Inequalities**  
Johns Hopkins' Center for Health Disparities Solutions  
Department of Health Policy and Management

2009 **Certificate in Community-based Public Health**  
Johns Hopkins Bloomberg School of Public Health  
Department of Health, Behavior, and Society

## **Other Professional Positions**

- 11/2018-date      **JPB Environmental Health Fellow, Harvard T.H. Chan School of Public Health, Boston, MA.**
- Participation in training and leadership development designed for promising junior faculty who are committed to finding solutions and supporting policy changes that address environmental, social, economic, and health disparities across U.S. communities.
- 1/2012-5/2012      **White House Intern, White House, National Economic Council**
- Assisted the Special Assistant to the President for Healthcare and Economic Policy on the implementation of the Affordable Care Act by attending meetings to relay critical information
  - Supported the First Lady's Let's Move! Campaign by drafting reports to the President, writing memos to Senior Staff, fact checking, staffing meetings, synthesizing public health evidence that informed and supported the program decisions of the Domestic Policy Council
- 9/2010-5/2012      **Graduate Research Assistant, Johns Hopkins Medical Institutions, Welch Center for Prevention, Epidemiology, and Clinical Research**
- Conducted analyses for short-term projects (e.g., Faculty Salary Analysis) for Division Chief
  - Reviewed literature on 'Glycemic Control Recommendations in the Elderly with Diabetes' that resulted in NIH funding; regularly engaged in the Center's Obesity and Diabetes Journal Club
- 6/2009-8/2009      **Mayoral Fellow, Baltimore City Health Department, Office of Epidemiology and Planning**
- Managed and reported on the major Cardiovascular and Diabetes Health Disparities project
  - Presented recommendations for improvement to the Mayor & Cabinet; majority adopted
  - Gained experience in program evaluation and prepared healthcare utilization data from the Maryland Cost Review Commission for Baltimore City
  - Utilized data at a local level to inform program planning and policy development
  - Led the preparation of a report summarizing the major project findings for public release
- 1/2009-4/2009      **Legislative Intern, 426<sup>th</sup> Legislative session of the Maryland General Assembly, House Representative Shirley Nathan-Pulliam**
- Actively researched and assisted with drafting legislative ideas for the Chair of the Health Disparities Subcommittee in Health and Government Operations Committee
  - Developed supporting arguments for sponsored bills and testified in a committee hearing
  - Created summaries of reports, meetings, and hearings to relay critical points to the Delegate
  - Professionally interacted with constituents and policymakers

- 6/2008-8/2008 **International Scholar, Mino International Scholar, Johns Hopkins School of Nursing, Minority Global Health Disparities Research Training**
- Conducted psychoneuroimmunology research at the University of Newcastle focusing on fetal programming and risk of later-life chronic disease. The project was motivated by health disparities among the Australian Aborigines and the Barker (or fetal programming) hypothesis
  - Sponsored by the Fogarty International Center (FIC) and the National Center on Minority Health and Health Disparities (NCMHD) in affiliation with the National Institutes of Health
- 8/2006-2/2007 **Graduate Research Assistant, Harvard T.H. Chan School of Public Health, Health Professionals Follow-up Study**
- Performed medical chart reviews, peripheral arterial disease coding, and data entry
- 6/2006-10/2006 **Graduate Research Assistant, Harvard T.H. Chan School of Public Health, Society, Department of Human Development, and Health**
- Collected data for an inner-city adult violence prevention project
  - Trained colleagues and recruited participants
  - Audio computer-assisted self-interview system utilized to collect data
- 9/2003-7/2005 **Research Assistant, Johns Hopkins Bloomberg School of Public Health, Project Sugar 2 Randomized Controlled Trial**
- Collected data through in-person and telephone interviews for a randomized controlled trial of primary care and community-based interventions to improve glycemic control in a sample of African Americans with type 2 diabetes; Conducted data entry and quality control
- 8/2003-6/2005 **Post-baccalaureate Fellow, Johns Hopkins School of Medicine, Research Education Program**
- Conducted independent research projects that resulted in 2 peer-reviewed articles focused on African Americans with type 2 diabetes, presented at a national conference, completed epidemiologic and psychosocial courses, and participated in journal clubs and weekly seminars
  - First student to request placement at the Bloomberg School of Public Health
- 8/2002-5/2003 **Undergraduate Research Assistant, Bethune-Cookman University, Minority Biomedical Research**
- Investigated the beneficial effects of aspirin on chronic diseases by applying skills, such as: gel electrophoresis, aspirin assays, protein assays, animal maintenance and sacrifices, along with data analysis

## **Academic Merit-based Awards**

- 2022 **Diversity, Equity & Inclusion Leadership Award**, Associated Professional Sleep Societies; Recognizes individuals in the sleep field who have made significant contributions to the promotion of diversity, equity and inclusion and/or the reduction of sleep health disparities
- 2021 **Group Merit Award**, National Institute of Environmental Health Sciences (NIEHS); Highest-level honor bestowed by NIEHS Director to recognize significant achievements that have advanced the NIEHS mission over the past year; For extraordinary planning and implementation of the inaugural Distinguished Named Lecture in honor of former NIEHS Director, Dr. Kenneth Olden
- 2019 **Presidential Early Career Award for Scientists and Engineers**, United States Federal Government; Highest honor bestowed upon early career scientists who will broadly advance science and the mission important to the Department of Health and Human Services
- 2017 **Ernest J. Everett Just Lecture Prize Symposium**, College of Charleston's Avery Research Center for African American History and Culture and Medical University of South Carolina; Encourage, foster, and publicize innovative research centered around factors affecting African Americans
- 2015 **Marco Cabrera Poster Award**, National Institute of Diabetes and Digestive and Kidney Disease – Network of Minority Research Investigators; Poster presentation winner for translational research
- 2014 **Outstanding Fellows Award**, Harvard T.H. Chan School of Public Health; Cardiovascular Epidemiology Forum presentation winner
- 2013 **First Place Novartis Institutes for Biomedical Research Postdoctoral Award**, Harvard Medical School; New England Science Symposium poster presentation winner
- 2011 **Miriam E. Brailey Award**, Johns Hopkins Bloomberg School of Public Health; Epidemiology Department award to support graduate training and research in epidemiology
- 2009 **Charlotte Silverman Award**, Johns Hopkins Bloomberg School of Public Health; Epidemiology Department award for outstanding commitment to public health, policy, and community outreach
- 2008 **Dr. and Mrs. Roscoe M. Moore, Jr. Award**, Johns Hopkins Bloomberg School of Public Health; Epidemiology Department award for a student who graduated from a historically black institution with promise in the field of public health
- 2005, 2006 **Edmond J. Curley Memorial Scholarship Award**, Harvard University; Promising graduate student
- 2003 **T.A. Adams Award for Pre-Medicine**, Bethune-Cookman University; Academic excellence in biology

2002 **Joseph E Taylor Memorial Scholarship Book Fund**, Bethune-Cookman University; Academic excellence

### **Travel Grant Awards**

- 2015 **American Society of Nephrology Travel Award to Network of Minority Research Investigators**  
National Institute of Diabetes and Digestive and Kidney Disease—Network of Minority Research Investigators
- 2014, **Knowledge & Education Expansion Project Travel Award (n=2)**  
2015 Transdisciplinary Research on Energetics and Cancer Conference; SLEEP 2015 conference
- 2014 **Sleep Research Society First Time Attendee Travel Award**  
Associated Professional Sleep Societies travel award for first time attendees
- 2014 **Epidemiology Minority Travel Grant Award**  
American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions
- 2013 **Network of Minority Health Research Investigators Travel Award**  
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
- 2010 **Meeting of the Nobel Laureates and Young Researchers in Lindau, Germany**  
650 (out of 20,000) PhD students selected to attend a scientific conference focused on the transfer of scientific knowledge to the next generation of promising scientists

### **Academic Scholarships**

- 2007- **Inaugural C. Sylvia and Eddie C. Brown Community Health Scholarship**  
2012 Full tuition/fees and living stipend for 5 years; \$15,000 grant for dissertation project focusing on minority health at the Johns Hopkins Bloomberg School of Public Health
- 2005- **Public Health Training Grant**  
2007 Full tuition at Harvard T.H. Chan School of Public Health
- 1999- **Presidential Scholarship**  
2003 Full tuition/fees, room and board, and books at Bethune-Cookman University

## Peer-Reviewed Publications (Underlined name = Mentee)

### Peer-Reviewed Original Research Reports

1. Murkey JA, Gaston SA, Alhasan DM, Jackson WB, **Jackson CL**. Occupational Status and Ideal Cardiovascular Health Among a Nationally Representative Sample of US Adults. In press.
2. Murkey JA, Gaston SA, Alhasan DM, Jackson WB, **Jackson CL**. Food Security Status and Ideal Cardiovascular Health Among a Nationally Representative Sample of US Adults. In press.
3. Taylor KW, Co CA, Gaston SA, **Jackson CL**, Harmon Q, Baird DD. Frequency of personal care product use among reproductive-aged Black women and associations with socio-demographic characteristics. In press.
4. Gaston SA, Forde AT, Green M, Sandler DP, **Jackson CL**. Racial and Ethnic Discrimination and Hypertension by Educational Attainment Among a Cohort of US Women. *JAMA Netw Open*. 2023 Nov 1;6(11):e2344707. doi: 10.1001/jamanetworkopen.2023.44707. PMID: 37991758; PMCID: PMC10665977.
5. Venkataramani AS, Bair EF, Bor J, **Jackson CL**, Kawachi I, Lee J, Papachristos A, Tsai AC. Officer-Involved Killings of Unarmed Black People and Racial Disparities in Sleep Health. *JAMA Intern Med*. 2024 Feb 5:e238003. doi: 10.1001/jamainternmed.2023.8003. Epub ahead of print. PMID: 38315465; PMCID: PMC10845041.
6. Taylor KW, Howdeshell KL, Bommarito PA, Sibrizzi CA, Blain RB, Magnuson K, Lemeris C, Tracy W, Baird DD, **Jackson CL**, Gaston SA, Rider CV, Walker VR, Rooney AA. Systematic evidence mapping informs a class-based approach to assessing personal care products and pubertal timing. *Environ Int*. 2023 Nov;181:108307. doi: 10.1016/j.envint.2023.108307. Epub 2023 Nov 4. PMID: 37948866.
7. Heller HC, Herzog E, Brager A, Poe G, Allada R, Scheer F, Carskadon M, de la Iglesia HO, Jang R, Montero A, Wright K, Mouraine P, Walker MP, Goel N, Hogenesch J, Van Gelder RN, Kriegsfeld L, Mah C, Colwell C, Zeitzer J, Grandner M, **Jackson CL**, Roxanne Prichard J, Kay SA, Paul K. The Negative Effects of Travel on Student Athletes Through Sleep and Circadian Disruption. *J Biol Rhythms*. 2024 Feb;39(1):5-19. doi: 10.1177/07487304231207330. Epub 2023 Nov 18. PMID: 37978840.
8. Yarosh RA, **Jackson CL**, Anderson C, Nichols HB, Sandler DP. Sleep disturbances among cancer survivors. *Cancer Epidemiology*. 2023 Oct 12;87:102471. doi: 10.1016/j.canep.2023.102471. Epub ahead of print. PMID: 37837808.
9. Adjaye-Gbewonyo D, Ng AE, **Jackson CL\***, Johnson DA\*. The perceived neighborhood walking environment and self-reported sleep health in a nationally representative sample of the United States. *Health Place*. 2023 Sep;83:103066. doi: 10.1016/j.healthplace.2023.103066. Epub 2023 Jun 27. PMID: 37385129. \*Co-senior authors.

10. Gaston SA, Strassle PD, Alhasan DM, Pérez-Stable EJ, Nápoles AM, **Jackson CL**. Financial hardship, sleep disturbances, and their relationship among men and women in the United States during the COVID-19 pandemic. *Sleep Health*. 2023 Aug;9(4):551-559. doi: 10.1016/j.sleh.2023.04.007. Epub 2023 Jun 4. PMID: 37280141; PMCID: PMC10239652. **\*NIEHS Paper of the Month**
11. Gaston SA, Alhasan DM, Jones RD Jr, Jackson WB 2nd, Kesner AJ, Buxton OM, **Jackson CL**. Cannabis use and sleep disturbances among White, Black, and Latino adults in the United States: A cross-sectional study of National Comorbidity Survey-Replication (2001-2003) data. *Sleep Health*. 2023 Oct;9(5):587-595. doi: 10.1016/j.sleh.2023.06.003. Epub 2023 Aug 11. PMID: 37574376.
12. Alhasan DM, Gaston SA, Gullett L, Jackson WB 2nd, Stanford FC, **Jackson CL**. Neighborhood Social Cohesion and Obesity in the United States. *Endocr Metab Sci*. 2023 Jun 30;11:100129. doi: 10.1016/j.endmts.2023.100129. Epub 2023 Apr 27. PMID: 37396161; PMCID: PMC10310065.
13. Sweeny MR, Nichols H, Jones R, Olshan A, Keil A, Engel L, James P, Sandler D, White A, **Jackson CL**. Exposure to indoor and outdoor light at night in relation to multiple dimensions of sleep health: Findings from the Sister Study. *SLEEP*. 2023 Apr 5:zsad100. doi: 10.1093/sleep/zsad100. Epub ahead of print. PMID: 37018759.
14. Alhasan DM, Riley NM, Jackson WB, **Jackson CL**. Food Insecurity and Sleep Health by Race/Ethnicity in the United States. *Journal of Nutritional Science*. 2023 May 18;12:e59. doi: 10.1017/jns.2023.18. PMID: 37252683; PMCID: PMC10214135.
15. Williams PC, Alhasan DM, Gaston SA, Henderson KL, Jackson WB, Kawachi I, **Jackson CL**. Perceived Neighborhood Social Cohesion and Type 2 Diabetes Mellitus by Age, Sex/Gender, and Race/Ethnicity in the United States. *Preventive Medicine*. 2023 May;170:107477. doi: 10.1016/j.ypmed.2023.107477. Epub 2023 Mar 12. PMID: 36918070; PMCID: PMC10106280. **\*NIEHS Paper of the Month**
16. Strassle PD, Wilkerson MJ, Stewart AL, Forde AT, **Jackson CL**, Singh R, Napoles AM. Impact of COVID-related discrimination on psychological distress and sleep disturbances across race-ethnicity", submitted to *Journal of Racial and Ethnic Health Disparities*. *J Racial Eth Health Disparities*. 2023 May 1:1–11. doi: 10.1007/s40615-023-01614-5. Epub ahead of print. PMID: 37126156; PMCID: PMC10150686.
17. Gaston SA, Riley NM, Parks CG, Woo JMP, Sandler DP, **Jackson CL**. Racial/Ethnic Differences in Associations Between Traumatic Childhood Experiences and Both Metabolic Syndrome Prevalence and Type 2 Diabetes Mellitus Risk Among a Cohort of US Women. *Diabetes Care*. 2022 Dec 16:dc221486. doi: [10.2337/dc22-1486](https://doi.org/10.2337/dc22-1486). Epub ahead of print. PubMed PMID: 36525647. **\*NIEHS Paper of the Month**
18. Alhasan DM, Lohman MC, Hirsh JA, Miller MC, Cai B, **Jackson CL**. Neighborhood characteristics and dementia symptomology among community-dwelling older adults with Alzheimer's Disease. *Front Aging Neurosci*. 2022 Sep 20;14:937915. doi: [10.3389/fnagi.2022.937915](https://doi.org/10.3389/fnagi.2022.937915). PubMed PMID: 36204556; PMCID: PMC9530440.

19. Rabinowitz, JA; An, Y; Alfini, AJ; Zipunnikov, V; Wu, MN; Schrack, JA; **Jackson, CL**; Ferrucci, L; Simonsick, EM; Resnick, SM; Spira, AP. Associations of Circadian Rest/Activity Rhythms with Cognition in Middle-Aged and Older Adults: Demographic and Genetic Interactions'. *Front Neurosci.* 2022 Oct 12;16:952204. doi: [10.3389/fnins.2022.952204](https://doi.org/10.3389/fnins.2022.952204). PubMed PMID: 36312032; PMCID: PMC9597505.
20. Sweeney MR, Nichols HB, Jones RR, Olshan AF, Keil AP, Engel LS, James P, **Jackson CL**, Sandler DP, White AJ. Light at night and the risk of breast cancer: Findings from the Sister Study. *Environ Int.* 2022 Nov;169:107495. doi: [10.1016/j.envint.2022.107495](https://doi.org/10.1016/j.envint.2022.107495). Epub 2022 Sep 2. PubMed PMID: 36084405; PMCID: PMC9561075.
21. Woo JMP, Simanek A, O'Brien KM, Parks C, Gaston SA, Auer P, Konkel RH, **Jackson CL**, Meier M\*, Sandler DP\*. Latent Class Models of Early-life Trauma and Incident Breast Cancer. *Epidemiology.* 2022 Sep 1;33(5):729-738. doi: [10.1097/EDE.0000000000001507](https://doi.org/10.1097/EDE.0000000000001507). Epub 2022 May 16. PubMed PMID: 35580243; PMCID: PMC9378657. \*Co-Senior authors
22. Kendle A, Salemi J, **Jackson CL**, Buysse D, Louis J. Insomnia During Pregnancy and Severe Maternal Morbidity in the United States: Nationally Representative Data from 2006 to 2017. *Sleep.* 2022 Oct 10;45(10):zsac175. doi: [10.1093/sleep/zsac175](https://doi.org/10.1093/sleep/zsac175). PubMed PMID: 35901516; PMCID: PMC9548669.
23. Gullett LR, Alhasan DM, Jackson WB, **Jackson CL**. Employment Industry and Occupational Class in Relation to Serious Psychological Distress in the United States. *Int J Environ Res Public Health.* 2022 Jul 8;19(14):8376. doi: [10.3390/ijerph19148376](https://doi.org/10.3390/ijerph19148376). PubMed PMID: 35886224; PMCID: PMC9320061.
24. Gullett LR, Alhasan DM, Jackson WB, **Jackson CL**. Neighborhood Social Cohesion and Serious Psychological Distress in the United States: Findings from the National Health Interview Survey. *BMC Public Health.* 2022 Jun 15;22(1):1191. doi: [10.1186/s12889-022-13572-4](https://doi.org/10.1186/s12889-022-13572-4). PubMed PMID: 35705933; PMCID: PMC9199195.
25. Williams PC, Krafty R, Alhasan DM, Coutts C, Miles-Richardson S, **Jackson CL**. Mixed Methods Approach to Understand the Impact of Greenspace Redevelopment on the Objectively- and Subjectively-Measured Sleep Health of Black adults in Southwest Atlanta. *Health and Place.* 2022 May 28;76:102812. doi: [10.1016/j.healthplace.2022.102812](https://doi.org/10.1016/j.healthplace.2022.102812). Epub 2022 May 28. PubMed PMID: 35640375.  
**\*2021 Marsha Ritzdorf Award for the Best Student Work on Diversity, Social Justice, and the Role of Women in Planning**
26. Caraballo C, Mahajan S, Lu Y, Valero-Elizondo J, Massey D, Annapureddy AR, Roy B, Riley C, Murugiah K, Nunez-Smith M, Forman HP, Nasir K, **Jackson CL**, Herrin J, Krumholz HM. Temporal Trends in Racial and Ethnic Disparities in Sleep Duration in the United States: A National Health Interview Survey Analysis from 2004–2018. *JAMA Network Open.* 2022 Apr 1;5(4):e226385. doi: [10.1001/jamanetworkopen.2022.6385](https://doi.org/10.1001/jamanetworkopen.2022.6385). PubMed PMID: 35389500; PMCID: PMC8990329.  
**\*Finalist of the 2<sup>nd</sup> annual Office of Health Equity Research Award for Yale Research Excellence in 2022; Top 25 out of 700.**



27. Xu J, Lawrence KG, O'Brien KM, **Jackson CL**, Sandler DP. Association between neighbourhood deprivation and hypertension in a US-wide Cohort. *J Epidemiol Community Health*. 2022 Mar;76(3):268-273. doi: [10.1136/jech-2021-216445](https://doi.org/10.1136/jech-2021-216445). Epub 2021 Nov 17. PubMed PMID: 34789553; PMCID: PMC8837699.
28. Malecki KMC, Andersen JK, Geller AM, Harry GJ, **Jackson CL**, James KA, Miller GW, Ottinger MA. Integrating Environment and Aging Research: Opportunities for Synergy and Acceleration. *Front Aging Neurosci*. 2022 Feb 21;14:824921. doi: [10.3389/fnagi.2022.824921](https://doi.org/10.3389/fnagi.2022.824921). PubMed PMID: 35264945; PMCID: PMC8901047.
29. O'Brien KM, Keil AP, Harmon QE, **Jackson CL**, White AJ, Díaz-Santana MV, Taylor JA, Sandler DP. Vitamin D Supplement Use and Risk of Breast Cancer by Race-Ethnicity. *Epidemiology*. 2022 Jan 1;33(1):37-47. doi: [10.1097/EDE.0000000000001413](https://doi.org/10.1097/EDE.0000000000001413). PubMed PMID: 34847083; PMCID: PMC8641477.
30. Kanaya AM, Hsing AW, Panapasa SV, Kandula NR, G Araneta MR, Shimbo D, Wang P, Gomez SL, Lee J, Narayan KMV, Mala Mau MKL, Bose S, Daviglius ML, Hu FB, Islam N, **Jackson CL**, Kataoka-Yahiro M, Kauwe JSK, Liu S, Ma GX, Nguyen T, Palaniappan L, Setiawan VW, Trinh-Shevrin C, Tsoh JY, Vaidya D, Vickrey B, Wang TJ, Wong ND, Coady S, Hong Y. Knowledge Gaps, Challenges, and Opportunities in Health and Prevention Research for Asian Americans, Native Hawaiians, and Pacific Islanders: A Report From the 2021 National Institutes of Health Workshop. *Ann Intern Med*. 2022 Apr;175(4):574-589. doi: [10.7326/M21-3729](https://doi.org/10.7326/M21-3729). Epub 2022 Jan 4. PubMed PMID: 34978851; PMCID: PMC9018596.
31. Johnson DA, **Jackson CL**, Guo N, Sofer T, Laden F, Redline S. Perceived home sleep environment: associations of household-level factors and in-bed behaviors with actigraphy-based sleep duration and continuity in the Jackson Heart Sleep Study. *Sleep*. 2021 Nov 12;44(11):zsab163. doi: [10.1093/sleep/zsab163](https://doi.org/10.1093/sleep/zsab163). PubMed PMID: 34283244; PMCID: PMC8678916.
32. Johnson DA, Lewis TT, Guo N, **Jackson CL**, Sims M, Wilson JG, Diez Roux AV, Williams DR, Redline S. Associations between everyday discrimination and sleep quality and duration among African-Americans over time in the Jackson Heart Study. *Sleep*. 2021 Dec 10;44(12):zsab162. doi: [10.1093/sleep/zsab162](https://doi.org/10.1093/sleep/zsab162). PubMed PMID: 34197610; PMCID: PMC8664593.
33. Rojo-Wissar DM, Sosnowski DW, Ingram MM, **Jackson CL**, Maher BS, Alfano CA, Meltzer LJ, Spira AP. Associations of adverse childhood experiences with adolescent total sleep time, social jetlag, and insomnia symptoms. *Sleep Med*. 2021 Dec;88:104-115. doi: [10.1016/j.sleep.2021.10.019](https://doi.org/10.1016/j.sleep.2021.10.019). Epub 2021 Oct 21. PubMed PMID: 34742038; PMCID: PMC9012105.
34. Lunyera J, Park YM, Ward JB, Gaston SA, Bhavsar NA, Muntner P, Sandler DP, **Jackson CL**. A prospective study of multiple sleep dimensions and hypertension risk among white, black and Hispanic/Latina women: findings from the Sister Study. *J Hypertens*. 2021 Nov 1;39(11):2210-2219. doi: [10.1097/HJH.0000000000002929](https://doi.org/10.1097/HJH.0000000000002929). PubMed PMID: 34620810; PMCID: PMC8501231.

35. Gaston SA, Atere-Roberts J, Ward J, Slopen NB, Forde AT, Sandler DP, Williams DR, **Jackson CL**. Experiences With Everyday and Major Forms of Racial/Ethnic Discrimination and Type 2 Diabetes Risk Among White, Black, and Hispanic/Latina Women: Findings From the Sister Study. *Am J Epidemiol*. 2021 Dec 1;190(12):2552-2562. doi: [10.1093/aje/kwab189](https://doi.org/10.1093/aje/kwab189). PubMed PMID: 34215871; PMCID: PMC8796799. \* **NIEHS intramural paper of the month**
36. White AJ, Sandler DP, Gaston SA, **Jackson CL**, O'Brien KM. Use of hair products in relation to ovarian cancer risk. *Carcinogenesis*. 2021 Oct 5;42(9):1189-1195. doi: [10.1093/carcin/bgab056](https://doi.org/10.1093/carcin/bgab056). PubMed PMID: 34173819; PMCID: PMC8561257.
37. Robbins R, Underwood P, **Jackson CL**, Jean-Louis G, Kuriakose S, Madhavaram S, Vierira D, Buxton O. A systematic review of workplace-based employee health interventions and their impact on sleep duration among shift-workers. *Workplace Health & Safety*. doi: <https://doi.org/10.1177/21650799211020961>; PubMed PMID: 34284682
38. MacNell NS, **Jackson CL**, Heaney CD. Relation of repeated exposures to air emissions from swine industrial livestock operations to sleep duration and awakenings in nearby residential communities. *Sleep Health*. 2021 Oct;7(5):528-534. doi: [10.1016/j.sleh.2021.05.001](https://doi.org/10.1016/j.sleh.2021.05.001). Epub 2021 Jun 28. PubMed PMID: 34193392; PMCID: PMC8796209.
39. Nwanaji-Enwerem JC, **Jackson CL**, Ottinger MA, Geller AM, Cardenas A, James KA, Malecki KMC, Chen JC, Mitchell UA. Adopting a "Compound" Exposome Approach in Environmental Aging Biomarker Research: A Call to Action for Advancing Racial Health Equity. *Environmental health perspectives*. 2021;129(4):45001. Epub 2021/04/07. doi: <https://doi.org/10.1289/ehp8392>. PubMed PMID: 33822649.
40. Orr JE, Ayappa I, Eckert DJ, Feldman JL, **Jackson CL**, Javaheri S, Khayat RN, Martin JL, Mehra R, Naughton MJ, Randerath WJ, Sands SA, Somers VK, Badr MS. Research Priorities for Patients with Heart Failure and Central Sleep Apnea: An Official American Thoracic Society Research Statement. *American Journal of Respiratory and Critical Care Medicine*. 2021;203(6):E11-E24. doi: <https://doi.org/10.1164/rccm.202101-0190ST>. PubMed PMID: 33719931; PMCID: PMC7958519.
41. Gaston SA, James-Todd T, Riley NM, Gladney MN, Harmon QE, Baird DD, **Jackson CL**. Hair Maintenance and Chemical Hair Product Usage as Barriers to Physical Activity in Childhood and Adulthood among African American Women. *Int J Environ Res Public Health*. 2020;17(24). Epub 2020/12/17. doi: <https://doi.org/10.3390/ijerph17249254>. PubMed PMID: 33322020; PMCID: PMC7762987.
42. **Jackson CL**, Umesi C, Gaston SA, Azarbarzin A, Lunyera J, McGrath J, Jackson WB, Diamantidis CJ, Boulware E, Lutsey S, Redline S. Multiple, objectively measured sleep dimensions including hypoxic burden and chronic kidney disease: findings from the Multi-Ethnic Study of Atherosclerosis. *Thorax*. 2020. Epub 2020/12/06. doi: <https://doi.org/10.1136/thoraxjnl-2020-214713>. PubMed PMID: 33277428; PMCID: PMC8175452. \***NIEHS paper of the month**; \* **NIEHS intramural paper of the year**

43. Alhasan DM, Gaston SA, Jackson WB, Williams PC, Kawachi I, **Jackson CL**. Neighborhood Social Cohesion and Sleep Health by Age, Sex/Gender, and Race/Ethnicity in the United States. *Int J Environ Res Public Health*. 2020;17(24). Epub 2020/12/23. doi: <https://doi.org/10.3390/ijerph17249475>. PubMed PMID: 33348851; PMCID: PMC7767208.
44. Park YM, Bookwalter DB, O'Brien KM, **Jackson CL**, Weinberg CR, Sandler DP. A Prospective Study of Type 2 diabetes, metformin use, and risk of breast cancer. *Annals of Oncology*. 2021;32(3):351-9. Epub 2021/02/01. doi: <https://doi.org/10.1016/j.annonc.2020.12.008>. PubMed PMID: 33516778; PMCID: PMC7995619. **\*NIEHS paper of the month**
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### **Peer-Reviewed Commentaries, Editorials, or Letters to the Editor**

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116. Kaufmann CN, Spira AP, Wickwire EM, Albrecht JS, Amjad H, **Jackson CL**, Malhotra A. Letter to the Editor: Disparities in the Diagnosis and Treatment of Obstructive Sleep Apnea in Middle-Aged and Older Adults in the United States. *Annals of American Thoracic Society*. 2023 Mar 3. PMID: 36867521
117. Johnson DA, Reiss B, Cheng P, **Jackson CL**. The role of structural racism and discrimination in sleep disparities: a call to action. *Sleep*. 2022. PMID: 35999030. \*Editor's choice.
118. Williams PC, Binet A, Alhasan DM, Riley NM, **Jackson CL**. Urban planning for health equity must employ an intersectionality framework. *Journal of the American Planning Association*. 2022. doi: 10.1080/01944363.2022.2079550.
119. Gaston SA, **Jackson CL**. Strengthening the case for early-life interventions to address racial/ethnic sleep disparities across the life-course using an exposome approach. *Sleep*. 2021 Nov 12;44(11):zsab182. doi: <https://doi.org/10.1093/sleep/zsab182>. PubMed PMID: 34272566.
120. **Jackson CL**, Johnson DA. Sleep disparities in the era of the COVID-19 pandemic highlight the urgent need to address social determinants of health like the virus of racism. *Journal of Clinical Sleep Medicine*. 2020;16(8):1401-2. doi: <https://doi.org/10.5664/jcsm.8570>. PubMed PMID: 32400388; PMCID: PMC7446086.
121. **Jackson CL**. Food for Thought: Opportunities to Improve Diversity, Inclusion, Representation, and Participation in Epidemiology. *Am J Epidemiol*. 2020;189(10):1016-22. doi: <https://doi.org/10.1093/aje/kwaa104>. PubMed PMID: 32602525; PMCID: PMC7666414. \*Editor's choice
122. Samal L, Hsieh-Yeh J, Gary TL, **Jackson CL**, Brancati FL. Letter to the Editor: Computer and Internet Use in Urban African Americans with Type 2 Diabetes in Relation to Glycemic Control, Emergency Department Use, Diabetes-Related Knowledge, and Healthy Literacy. *Diabetes Care*. 2010 Jan; 33 (1): e9 [PMID: 20040672]

### **Invited Book Review**

123. **Jackson CL**. Book Review for *Wild Nights: How Taming Sleep Created Our Restless World*. *Sleep Health*. 2017;3(2):75-6. doi: <https://doi.org/10.1016/j.sleh.2017.02.002>. PubMed PMID: WOS:000425610900003.

### **Book Chapters**

124. Gaston SA, Singh R, **Jackson CL**. Health Disparities in Sleep and Mental Health: Examining the Role of Sleep Disturbances in the Relationship between Climate Change-Related Traumatic Childhood Experiences and Mental Health as an Exemplar. In: Drummond, S, editor. *Advances in the Psychobiology of Sleep and Circadian Rhythms*. Academic Press (Routledge Psychology): In press (2023)

125. Alhasan DA, Gaston SA, **Jackson CL**. Structural Inequity and Racial/Ethnic Disparities in Sleep Health during the COVID-19 Pandemic. In: BaHammam, A, editor. COVID-19 and Sleep: A Global Outlook. Academic Press (Springer): In press (2023)
126. Sullivan S, **Jackson CL**, Carskadon M, Dement W. Normal Human Sleep: An Overview. In: M.H. Kryger, T. Roth, & W.C Dement, editors. *Principles and Practice of Sleep Medicine*. 7<sup>th</sup> edition. Academic Press (Elsevier): 2022
127. **Jackson CL**, Miller GW. Using Technology and Exposomics to Understand and Address Sleep Health Disparities. In: Kushida, CA, editor. *Encyclopedia of Sleep and Circadian Rhythms*. 2<sup>nd</sup> edition: Academic Press (Elsevier): 2022
128. **Jackson CL**, Miller GW, 2023. In: Kushida, C.A. (Ed.), *Encyclopedia of Sleep and Circadian Rhythms, Second Edition (SLS2)*, vol. 6. Elsevier, Academic Press. <https://dx.doi.org/10.1016/B978-0-12-822963-7.00358-3>. © 2023 Elsevier Inc. All rights reserved.
129. **Jackson CL**. Determinants and Health Consequences of Modifiable Sleep Health Disparities. In: National Sleep Foundation, editor. *Foundations of Sleep Health Textbook*. 1st: Academic Press (Elsevier): 2020
130. **Jackson CL**, Gaston SA. The Impact of Environmental Exposures on Sleep. In: Grandner M, editor. *Sleep Health*. 1<sup>st</sup>. Academic Press (Elsevier): 2019
131. Lee S, **Jackson CL**, Robbins R, Buxton OM. Sleep health and the Workplace. In: Grandner M, editor. *Sleep Health*. 1<sup>st</sup>. Academic Press (Elsevier): 2019
132. **Jackson CL**. Housing Conditions as Environmental and Social Determinants of Sleep Health. In: Kawachi I, Redline S, Duncan D, editors, *The Social Epidemiology of Sleep*. 1st: Oxford University Press: 2019
133. **Jackson CL**, Lee S, Crain T, Buxton O. Bidirectional Relationships between Work and Sleep. In: Kawachi I, Redline S, Duncan D, editors, *The Social Epidemiology of Sleep*. 1<sup>st</sup>. Oxford University Press: 2019
134. **Jackson CL**, Dagher RK, Byun J, Farhat T, Gardner KL. Getting Under the Skin: Pathways and Processes that Link Social and Biological Determinants of Disease. In: The National Institute of Minority Health and Health Disparities, editor, *The Science of Health Disparities Research and Applications*. Wiley: 2020

### **Conference Report**

135. Promoting Healthy Sleep for Older Adults. Sleep Health and Aging Conference. National Sleep Foundation, 2022. <https://www.thensf.org/wp-content/uploads/2022/12/NSF-2022-OlderAdults-Report-Digital.pdf>

136. Rojo-Wissar DM, Jackson DB, Jackson CL, Ziporyn T, Flores-Koulish S, Wolfson AR. Early School Start Times for Adolescents in Baltimore City Public Schools: A Public Health Emergency. Abell Foundation, 2024. In press.

**Manuscripts (revisions; under review; or in preparation for peer review)**

137. Ogunsina K, O'Brien KM, White AJ, Change CJ, Gaston SA, **Jackson CL**, Sandler DP. Chemical hair straightener use in adolescence and adulthood in relation to prevalent and incident fibroids among Black/African American women. Revisions.

138. Croft DP\*, Chapman H\*, Lee A\*, Nordgren TM\*, **Jackson CL**, Bayram H, Balmes J, Nassikas N, Ewart G, Rice M, Benmarhnia T, Celedón JC, Hom SM, Kerr G, Anenberg S, Mendez-Lazaro P, Ambir P, Goobie GC, Rebuli ME, Wilson S, Annesi-Maesano I, Balbus J, Balakrishnan K, Cromar K, D'Souza S, Jaspers I, Harkema J, Kapil V, Lai P, Maccarone J, Mejia C, Nadadur S, Noël A, Paulin LM, Pinkerton K, Teherani A, Thompson C, Thurston G, Thakur N. Climate Change and Respiratory Health: Opportunities to Contribute to Environmental Justice. An Official American Thoracic Society Workshop Report. Under review. \*Co-first authors/Workshop Chairs

139. Cohen O, Kundel V, Barbé F, Peker Y, McEvoy D, Sánchez-de-la-Torre M, Gottlieb DJ, Bradley TD, Suárez-Fariñas M, Zinchuk A, Azarbarzin A, Malhotra A, Schotland H, Gozal D, Jelic S, Ramos AR, Martin JL, Pamidi S, Johnson DA, Mehra R, Somers VK, Hoyos CM, **Jackson CL**, Alcantara C, Billings ME, Bhatt DL, Patel SR, Redline S, Yaggi HK, Shah NA. The Great Controversy of Obstructive Sleep Apnea Treatment for Cardiovascular Risk Benefit: Advancing the Science Through Expert Consensus: An Official American Thoracic Society Workshop Report. Under review.

140. Coates MM, Arah OA, Matthews TA, Sandler DP, **Jackson CL**\*, Li J\*. Job discrimination and hypertension risk among women: Findings from the Sister Study. \*Co-Senior Authors. Revisions.

141. **Jackson CL**, Juarez PD, Redline S, Williams DR. Epidemiology of Sleep and Circadian Disparities in Connection to Climate Change and Environmental Injustice: Illuminating the Need for Exposomic Research Approaches. Under review.

142. Ogbenna BT, Gaston SA, Harmon QE, Hargrove T, Baird DD, **Jackson CL**. Skin Tone – a Marker for Bias Known as Colorism – in Relation to Sleep Health among African American Women. Under review. Under review.

143. Gaston SA, Kendrick KN, Ogbenna BT, Sandler DP, Cody-Stanford F, **Jackson CL**. Agreement between self-reported and measured weight, height, and derived BMI by Education across Racial/Ethnic Groups of Women. Under review.

144. Baek JH, Zhu Y, **Jackson CL**, Mark Park, YM. Illuminating Artificial Light at Night in Relation to Diabetes Risk and Management. Under review

145. Gaston SA, Alhasan DM, Payne C, Jackson WB, **Jackson CL**. Neighborhood Social Cohesion and Sleep Health among Sexual Minoritized US Adults and Intersections with Sex/Gender, Race/Ethnicity, and Age. Under review.
146. Martinez-Miller, EE, Gaston SA, Jackson WB, **Jackson CL**. Sleep Health by Sexual Orientation among Women in the United States and Intersectionality with Race/Ethnicity, Age, and Generational Cohort. Under review.
147. James-Todd T, Tomsho KS, Gaston SA, Elliot K, **Jackson CL**. Asking 'why' is necessary: critical questions for solution-oriented environmental health disparities research. Under review.
148. Rabinowitz JA, Yue Y, Chen D, Yolken R, **Jackson CL**, Maher BS, Eaton WW, Spira AP. Common Infections in relation to Sleep Disturbances by Race: Findings from the Baltimore Epidemiologic Catchment Area Study. Under review.
149. Chang C, O'Brien KM, Kresovich JK, Nwanaji-Enwerem JC, Xu Z, Gaston SA, **Jackson CL**, Sandler DP, Taylor JA, White AJ. Associations between use of chemical hair products and epigenetic age: Findings from the Sister Study. Under review.
150. Mendez I, Singh R, **Jackson CL**, Hinerman A, Rodriguez EJ, Martinez E, Camargo JT, Pérez-Stable EJ. Racial/Ethnic disparities in COVID-related psychological stress in relation to sleep health during the COVID-19 pandemic: the National Couples' Health and Time Study. In preparation.
151. Bommarito P, Taylor K, Auerbach S, Blain R, Ferguson K, Gaston SA, Hall SM, **Jackson CL**, Lemeris C, Silva R, Walker V, Tracy W, Addo K, Rooney AA, Howdeshell K. Systematic Evidence Map on the Association Between Personal Care Products and Fetal Growth. In preparation.
152. Gaston SA, Wilkerson J, McNell N, Jackson WB, Williams PC, **Jackson CL**. Racial/ethnic residential segregation in relation to sleep health by neighborhood-level poverty among US adults. In preparation.
153. Gaston SA, Wilkerson J, McNell N, Jackson WB, **Jackson CL**. Racial Residential Segregation Leading to Differential Exposure to Artificial Light at Night in Relation to Cardiovascular Health: Does Sleep Contribute to Disparities? In preparation.
154. Singh R, Gaston SA, Sandler, DP, **Jackson CL**. Maladaptive Coping Mediates Associations between Racial/Ethnic Discrimination and Insomnia Symptoms: Findings from the Sister Study. In preparation.
155. Singh R, Cohen JH, Maleku A, Pyakurel S, Suzuki T, Raut S, Alejandro Montiel Ishino F, **Jackson CL**. Insomnia Symptoms are Associated with Poor Cardiometabolic Health among Bhutanese Refugees in the United States. In preparation.
156. Montiel Ishino AF, Singh R, Cohen JH, Maleku A, Pyakurel S, Suzuki T, Raut S, **Jackson CL**. Community challenges and support in relation to insomnia symptoms among the Bhutanese population living in the US. In preparation.

157. Alhasan DM, Gaston SA, Jackson WB, **Jackson CL**. Neighborhood Social Cohesion and Cognitive Impairment Across Racial/Ethnic Groups in the United States. In preparation.
158. **Jackson CL**, Payne C, Martinez-Miller EE, Jackson WB. The perceived neighborhood walking environment in relation to ideal cardiovascular health in a nationally representative sample of the United States. In preparation.
159. Martinez-Miller EE, LaPorte F, Gaston SA, **Jackson CL**. The behavioral correlates alcohol consumption and sleep duration in relation to all-cause mortality risk among a nationally representative sample of US adults. In preparation.
160. Singh R, Gilles A, McGrath J, **Jackson CL**. Disparities in Sleep Duration and Quality by Industry of Employment and Occupational Class among Native Hawaiian/Pacific Islanders and Non-Hispanic Whites in the United States. In preparation.
161. **Jackson CL**, MacNell L, Schmitt M, Jackson WB, Adams IF. "I'm Black, I'm a female, I've got to work twice as hard": impacts of occupational stress on sleep disparities by race, gender, and occupational status. In preparation
162. Alhasan DM, Gaston SA, Whitehurst L, Spira AP, Sandler DP, **Jackson CL**. Multiple Sleep Measures and Cognition among US Women by Race/Ethnicity and Age. In preparation.
163. Gaston SA, Louis JM, Sandler DP, **Jackson CL**. Does Sleep Health Modify the Relationship Between Hypertensive Disorders of Pregnancy and Incident Cardiovascular Disease? In preparation.
164. Gaston SA, Neo D, Jackson WB, Sandler DP, **Jackson CL**. Extreme bedroom temperatures in relation to sleep health among United States women: Differences by race/ethnicity and socioeconomic status. In preparation.
165. Alhasan DM, LaPorte F, Gaston SA, Vines AI, Kubzansky L, McGrath JA, Jackson WB, Harmon Q, Baird D, **Jackson CL**. Associations between Multiple Psychosocial Stressors including Racism, Coping Strategies, and Sleep Health among Young Black Women. In preparation.
166. Gaston SA, Sweeney MR, Martinez-Miller E, Jones RR, James P, Jackson WB, Sandler DP, **Jackson CL**. Greenspace in Relation to Sleep Health among a Racially and Ethnically Diverse Cohort of US Women. In preparation.
167. Gaston SA, Alhasan DM, Ish JL, Kaufman JD, Sandler DP, White AJ, **Jackson CL**. Air pollution and sleep health among a racially/ethnically diverse cohort of US women. In preparation.
168. Kaufman CN, Bondi MW, Thompson WK, **Jackson CL**, Spira AP, Ancoli-Israel S, Wickwire EM, Malhotra A. Sleep Treatment Initiation and Change in Cognitive Performance Trajectories Across Groups at Higher Risk for Dementia. Under review

169. Alhasan DM, Lohman, MC, Hirsch, JA, Miller MC, Cai B, **Jackson CL**. Association between neighborhood characteristics and neuropsychiatric symptoms among Alzheimer's Disease community-dwelling older adults. In preparation.
170. Alhasan DM, Lohman, MC, Hirsch, JA, Miller MC, Cai B, **Jackson CL**. Community Livability and Dementia Prevalence by Race/Ethnicity among South Carolina Counties. In preparation.
171. Chang CJ, O'Brien KM, Xu Z, Kresovich JK, Nwanaji-Enwerem JC, Gaston SA, **Jackson CL**, Sandler DP, Taylor JA, White AJ. Association between use of hair products and DNA methylation age acceleration measures in the Sister Study. Under review.
172. Gaston SA, Sandler DP, **Jackson CL**. Racial/ethnic discrimination and hypertension risk among a diverse cohort of US women: Do relationships vary by race/ethnicity and educational attainment? In preparation.
173. Hodgson ME, Arroyave W, Halverson SD, D'Aloisio AA, **Jackson CL**, Weinberg CR, O'Brien K, White A, Sandler DP. Comparison of Participant Characteristics of Women in Large US-based Volunteer Cohorts and the National Health and Nutrition Examination Survey. In Preparation.
174. He L, Yang A, Rabinowitz J, Alfini A, Zipunnikov V, Wu M, Wanigatunga S, Schrack J, Ferrucci L, **Jackson CL**, Simonsick E, Resnick S, Spira A. Age and Objectively Measured Sleep: Investigating Associations and Interactions by Sex and Race in Middle-Aged and Older Adults. In preparation.
175. Coleman CM, Bethea TN, Havstad SL, Wesselink AK, Harmon QE, Baird DD, **Jackson CL**, Wise LA, Wegienka G. Sociodemographic, Behavioral, Mental Health, and Clinical (including Reproductive) Correlates of Poor Sleep Quality among Reproductive-aged Black Women. In preparation

### **Invited Oral Presentations**

#### **Conference Symposium**

- 2018 Invited Workshop Co-Chair with Dr. Grace Ma, The Role of Sleep in Health Disparities: Causes and Health Consequences. Sponsored National Institute of Minority Health and Health Disparities/ National Heart, Lung, and Blood Institute, and Office of Behavioral and Social Sciences Research. Rockville, Maryland. June 20-21, 2018

### **DISTINGUISHED LECTURES**

- 2023 Invited Keynote Speaker, Presentation title: Climate Change and Sleep Health: A Call to Action to Address the Existential Threat and Exacerbation of Inequities. Meeting: World Sleep Society. Rio de Janeiro, Brazil. October 25, 2023



Invited Keynote Speaker, Presentation Title: Climate Change and Sleep Health: A Call to Action to Address the Existential Threat and Exacerbation of Inequities. Meeting: Richard P. Allen Endowed Lecture in Sleep & Circadian Rhythms. The Johns Hopkins University. June 12, 2023

Invited Keynote Speaker, Presentation title: A Strategic Research Plan to Help Address Sleep Health Disparities During the Anthropocene Epoch. Meeting: 25<sup>th</sup> Anniversary and Annual Retreat, Division of Sleep Medicine, Harvard Medical School. Boston, Massachusetts. June 1, 2023

Invited Keynote Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: 2022 Annual Nornes Lecture in Neuroscience at Concordia College. Virtual. March 27, 2023

Invited Grand Rounds and Connors Lecture Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: Division of Sleep Medicine, Harvard Medical School in partnership with Brigham and Women's Hospital Connors Center for Women's Health and Gender Biology. Virtual. March 20, 2023

2021 Invited Plenary Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Plenary Theme: "Understanding the intersection of biology and context to reduce racial/ethnic health disparities". Conference Theme: Addressing racism and disparities when considering biology and context Meeting: Society for Prevention Research Annual Conference. Virtual. June 2, 2021

Invited Keynote Speaker, Presentation title: Intersectionality and Reproductive Health Justice: The Sleep Exposome Example. Meeting: Northwestern University's Center for Reproductive Science 2021 Reproductive Science and Medicine Summit. Virtual. May 7, 2021

Invited Grand Rounds Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: Pulmonary, Allergy, and Critical Care Division, Pulmonary Grand Rounds, Department of Medicine, University of Pittsburgh. Virtual. May 6, 2021

Invited Grand Rounds Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Washington University School of Medicine Neurology Grand Rounds. Virtual. April 2, 2021

2020 Invited Lecturer, Presentation title: Sleep Disparities: Refining the Narrative to Ask Informative Research Questions. Meeting: 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Philadelphia, Pennsylvania. Virtual. August 29, 2020 **\*1 of 7 distinguished lectures selected from nominations to the conference planning committee**

- Invited Keynote Speaker, Presentation title: Determinants and Consequences of Racial/Ethnic Disparities in Disordered Sleep and Obesity. Meeting: Network of Minority Research Investigators, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland. April 24, 2020 **\*Cancelled due to the coronavirus pandemic**
- 2019 Invited Grand Rounds Speaker. Presentation title: Determinants and Health Consequences of Sleep Disparities. Meeting: Duke Neurology Grand Rounds, Durham, North Carolina. March 11, 2020
- Invited Grand Rounds Speaker, Presentation title: Environmental and Social Determinants of Sleep Health and Sleep Health Disparities. Meeting: Division of Endocrinology and Diabetes, The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania. June 19, 2019.
- 2018 Invited Keynote Speaker, Presentation title: Interconnected Social and Environmental Factors Shaping Health Disparities across the Lifecourse: The Sleep Example. Meeting: 3<sup>rd</sup> Annual Meeting of the United States Developmental Origins of Health and Disease Society. Research Triangle Park, North Carolina. October 2, 2018
- 2014 Invited Grand Rounds Speaker, Presentation title: Strategies to Address Hypertension Disparities. Meeting: Boston Public Health Commission, Boston, Massachusetts. November 21, 2014

### **INTERNATIONAL**

- 2023 Invited Co-Chair for Oral Abstracts. Session: Sleep health and social/racial/ethnic disparities. Meeting: World Sleep Society. Rio de Janeiro, Brazil. October 24, 2023
- 2022 Invited Instructor, Presentation title: Sleep Disparities: What We Know and The Way Forward. Meeting: Sleep Core Curriculum, 2022 American Thoracic Society International Conference. Location: San Francisco, California. May 18, 2022  
\*Gained experience creating maintenance of certification questions
- Invited Speaker. Presentation title: Sleep Health Equity and Disparities. Meeting: "Sleep is an Essential Pillar of Health" Webinar. World Health Organization Headquarters and World Sleep Society. Virtual. April 12, 2022
- Invited Co-Chair with Dr. Girardin Jean-Louis. Course title: Introduction to Sleep and Circadian Disparities. Meeting: World Sleep Congress. Rome, Italy. March 11-16, 2022; \*first course on topic
- 2021 Invited Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: 2<sup>nd</sup> Annual Sleep and Circadian Summer School, University of Colorado. Virtual. August 18-21, 2021

2020 Invited Speaker, Presentation title: National Institutes of Health Coping with COVID-19 Virtual Livestream: Sleep and Health, August 14, 2020 (n=~5,600 live global attendees)

2019 Invited Speaker, Addressing Disparities through Translational Research that Integrates Social Epidemiology with Etiologic Research: The Example of Sleep and Cardiometabolic Health. Theme: Overcoming Disparities in Translational Research in Low-Resourced/Underserved Areas. Society for Scientific Advancement 8<sup>th</sup> Annual Conference, Kingston, Jamaica. November 20-22, 2019

Invited Speaker, The Epidemiology of Sleep and Population Health Implications. World Sleep Congress, Vancouver, Canada. September 24, 2019

### NATIONAL

2024 Invited Speaker, Presentation title: Leveraging Exposomics to Understand and Address Sleep and Circadian Health Disparities across the Life Course. Meeting: Children's Health, Environmental Justice and the Exposome Symposium at the Meharry/Mount Sinai in Nashville Tennessee, Presentation date: January 22-24, 2024.

Invited Speaker, Presentation title: Climate Change and Human Sleep Health. Presentation panel: The Impact of Climate Change on Sleep Disorders and Sleep Health Disparities. Panel: Sleep Research Society Trainee Symposia Series. Meeting: 38<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Houston, TX. June 2, 2024

2023 Invited Speaker, Presentation title: Introduction to Sleep Health Disparities: The United States of America as an Exemplar. Meeting: Oxford Online Programme in Sleep Medicine from the University of Oxford. Virtual. May 2023.

Invited Speaker and Workshop Participant, Presentation: Climate Change and Sleep Health: Implications of the Built Environment. Meeting: Workshop on Climate Change and Respiratory Health: Opportunities for Environmental Justice. Organization: American Thoracic Society. Virtual. May 23, 2023

Invited Faculty Member (Speaker), Presentation Title: Diversity and Inclusion in Sleep Research. Meeting: American Academy of Sleep Medicine, 14<sup>th</sup> Young Investigators Research Forum, Bethesda, MD. Presentation date: April 26, 2023. Program dates: March 14-June 7, 2023.

2022 Invited Plenary Speaker, Presentation title: Leveraging Historical and Contemporary Lessons of Inequities to Inform Climate Change Action Plans. Meeting: Health Equity Dimensions of a Changing Climate: Challenges and Opportunities. University of Buffalo. Virtual. May 23, 2022

Invited Speaker Meet the Professor session, Discussion title: COVID and Health disparities: What is next? Meeting: 36<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Charlotte, NC. June 8, 2022

Invited Speaker, Presentation title: Structural Racism and Health Inequities: The Example of Sleep across the Life Course. Meeting: 'Sleep and Public Health' summer institute course, Johns Hopkins Bloomberg School of Public Health Summer Institute. Virtual. June 2, 2022

Invited Speaker, Presentation title: Structural Racism and Health Inequities: The Example of Sleep across the Life Course. Meeting: North Carolina Department of Health and Human Services Office of Minority Health and Health Disparities. Women in Leadership Speaker Series. Historically Marginalized Populations (HMP) Connections meeting. Virtual. March 22, 2022

Invited Speaker, Presentation title: Environmental, Social, and Behavioral Contributors to Disparities in Sleep Health across the Life course: Implications for Aging. Meeting: National Sleep Foundation Sleep health and Aging Conference. Virtual. March 4, 2022

2021 Invited Speaker, Presentation title: The Social Epidemiology of Sleep Health Equity; Meeting: National Institutes of Health Behavioral Social Sciences Research Festival. Virtual. November 19, 2021; Purpose: Showcase exciting research results, emerging areas, and innovations in health related to BSSR

Invited Speaker, Presentation title: Sleep Health Disparities during the COVID-19 pandemic: A Health Equity Issue; Meeting: Canadian Sleep Society Conference Symposium. Virtual. October 30, 2021

Invited Speaker, Presentation title: Sleep Disparities among African Americans: Determinants, Consequences, and Potential Solutions; Meeting: California Sleep Society 14<sup>th</sup> Annual Educational Symposium. Virtual. October 2, 2021

Invited Speaker, Presentation title: Healthcare disparities in Sleep Medicine; Meeting: The Ohio State University Virtual Sleep Symposium. Virtual. September 24, 2021

Invited Speaker, Presentation title: The Social Epidemiology of Sleep and How we can Engineer Health Equity; Session: Sleep Deprivation as Oppression: Centering Rest as a Tool to Dismantle Racism and Masculine Hegemony; Meeting: National Women's Studies Association Conference. Virtual. September 17, 2021

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Yale University School of Medicine, Division of Sleep Medicine. Virtual. September 7, 2021

Invited Speaker, Presentation title: Sleep health disparities. Sleep and Public Health summer institute course, Johns Hopkins Bloomberg School of Public Health Summer Institute. Virtual. June 18, 2021

Discussant, Theme: Lifestyle Factors/Obesity, Preconceptional Origins of Child Health Outcomes Strategic Workshop, Environmental Influences on Child Health Outcomes Program, National Institutes of Health, June 17-18, 2021

Invited Speaker, Presentation title: Year-in-Review - "Have we gained new insights into understanding and addressing sleep health disparities?" Postgraduate Course: Year-in-Review. Meeting: 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Virtual. June 10-13, 2021

Invited Discussion Group Speaker, Presentation title: Social Conditions in the Workplace and Sleep Health Disparities. Title: Social and Environmental Determinants of Sleep Health: Implications for Improving Population Health and Addressing Health Disparities. Meeting: 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Virtual. June 10-13, 2021

Invited Speaker, Presentation title: Housing Conditions as Environmental and Social Determinants of Sleep Health. Meeting: National Center on Sleep Disorders Research with the U.S. Department of Housing and Urban Development. Virtual. May 27, 2021

Invited Speaker, Presentation title: Introduction to Mechanisms of Sleep Health Disparities. Meeting: Sleep Research Society Trainee Symposia Series. Virtual. May 24, 2021

Invited Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: Spring 2021 Seminar Series: Advancing Environmental Justice and Public Health, Department of Environmental and Occupational Health, Milken Institute School of Public Health, The George Washington University. Virtual. May 10, 2021.

Invited Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: Department of Environmental Health Sciences, Yale University. Virtual. April 21, 2021

Invited Speaker, Presentation title: Social and Environmental Determinants of Maternal Health Disparities and a Roadmap to Effective Solutions. Meeting: National Library of Medicine. Virtual. April 20, 2021

Invited Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example. Meeting: 'Sleep and Social Justice' Special Seminar, Sleep and Circadian Grand Rounds Series, Center for Sleep and Circadian Science, University of Pittsburgh. Virtual. April 15, 2021

Invited Speaker, Presentation title: Integrating social and environmental determinants of sleep health with mental and physical health outcomes in racially/ethnically diverse population-based studies. Meeting: National Institute of Mental Health Scientific Retreat, National Institutes of Health. April 9, 2021

Invited Speaker, Presentation title: Sleep Health among Asian American, Native Hawaiian, and Pacific Islander Health. Meeting: Identifying Research Opportunities for Asian American, Native Hawaiian, and Pacific Islander Health: A Virtual Workshop. National Institutes of Health. March 30, 2021

- Invited Speaker, Presentation title: Nature of the Problem: From Health Disparities Produced by Structural Racism to Health Equity with the Toxicologist as a Stakeholder. Workshop session: The Community Exposome: Effects of Environmental Contamination on Health Disparities and Marginalized Populations through the Lens of a Toxicologist. Meeting: Society of Toxicology 2021 Virtual Annual Meeting. March 22, 2021
- Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Columbia University Sleep Center. Virtual. March 15, 2021
- 2020 Invited Speaker, Presentation title: Social and Environmental Determinants as well as Health Consequences of Sleep Disparities. Meeting: National Advisory Environmental Health Sciences Council for the National Institute of Environmental Health Sciences. Durham, North Carolina. Virtual. September 15, 2020
- Invited Speaker, Presentation title: Using Biomarkers within the Exposome Approach to Advance Health Disparities Research (Webinar). Session: Predicting Human Health Effects from Environmental Exposures: Applying Translatable and Accessible Biomarkers of Effect. Meeting: Committee on the Use of Emerging Science for Environmental Health Decisions. National Academy of Sciences, Engineering, and Medicine. August 13, 2020
- Invited Speaker, Presentation title: Improving Sleep Health in Our Communities. Meeting: Harvard Black Health Matters Conference. Harvard University. Cambridge, Massachusetts. February 9, 2020
- 2019 Invited Speaker, Presentation title: Sleep Health Disparities for Clinicians. Meeting: The New Jersey Sleep Society Annual Symposium. Princeton, New Jersey. November 2, 2019 \*Continuing Medical Education credits offered
- Invited Speaker, Presentation title: Housing Conditions as Environmental and Social Determinants of Sleep Health. Meeting: Department of Population Health. School of Medicine. Columbia University Mailman School of Public Health. New York, New York. October 4, 2019
- Invited Speaker, Presentation title: The Social Epidemiology of Sleep Health. Meeting: Johns Hopkins Bloomberg School of Public Health. Baltimore, Maryland. June 24, 2019
- Invited Speaker, Presentation title: Causes and Consequences of Sleep Health Disparities. Meeting: 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, Texas. June 9, 2019
- 2018 Invited Speaker, Presentation title: The Epidemiology of Racial/Ethnic Disparities in Sleep Health and Sleep Disorders among Women in the United States. Meeting: 2018 Research Conference on Sleep and the Health of Women. National Institutes of Health. Bethesda, Maryland. October 16, 2018

Invited Speaker, Presentation title: The Causes and Health Consequences of Suboptimal Sleep Health. Equity Research and Innovation Center. Meeting: Yale University School of Medicine. New Haven, Connecticut. September 17, 2018

Invited Speaker, Presentation title: Environmental Pollutants and Sleep: Defining the toxicological effect of smog/fine particulate matter in highly-polluted metropolitan areas on adults with sleep-disordered breathing. Meeting: 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland. June 3, 2018

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health Disparities. Meeting: Office of Behavioral and Social Sciences Research, National Institutes of Health. Bethesda, Maryland. June 1, 2018.

Invited Speaker, Presentation title: Modifiable Physical and Social Environmental Factors that likely Contribute to Racial/Ethnic and Socioeconomic Disparities in Cardiometabolic Health: Sleep as a Case Example. Integrating biosocial perspectives to understand health disparities across the lifespan. Meeting: 43<sup>rd</sup> Annual Meeting of the Human Biology Association. Austin, Texas. April 11, 2018

Invited Speaker, Presentation title: Moderate Alcohol Consumption and Sleep. Meeting: Moderate Alcohol and Cardiovascular Health (MACH15) Steering Committee Meeting. Alexandria, Virginia. March 15, 2018

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Cardiometabolic Disparities. Meeting: John Ruffin Monthly Seminar Series, Laboratory of Epidemiology and Population Sciences, National Institute of Aging. Baltimore, Maryland. January 12, 2018

2017 Invited Speaker, Presentation title: Diversity Matters: How Increasing the Involvement of Under-Represented Minorities and Women in Sleep Research Can Enhance our Science. Meeting: 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Baltimore, Maryland. June 6, 2017

Invited Speaker, Presentation title: Racial/Ethnic and Socioeconomic Disparities in Disordered Sleep and Obesity. Meeting: The Potential Role of Sleep in Obesity Prevention and Management: A Virtual Workshop (Webinar). National Academy of Sciences, Engineering, and Medicine. February 17, 2017

2016 Invited Speaker, Presentation title: Suboptimal Sleep as a Potential Fundamental Contributor to Cardiovascular Health Disparities. Meeting: Sleep and Chronobiology Lab directed by Dr. Mary Carskadon. Brown University, Providence Rhode Island. November 15, 2016

Invited Speaker, Presentation title: Sleep as a Potential Fundamental Contributor to Disparities in Cardiovascular Disease. Meeting: National Institute on Minority Health and Health Disparities. Department of Health and Human Services. Bethesda, Maryland. September 27, 2016

Invited Speaker, Presentation title: Does the Work Environment Contribute to Sleep Health Disparities? Meeting: Sleep Epidemiology Group, Division of Sleep Medicine, Harvard Medical School. Boston, Massachusetts, April 18, 2016

2015 Invited Speaker (as an Earl Stadtman Tenure Track Investigator Finalist), Presentation title: Suboptimal Sleep and Nutrition as Major Modifiable Contributors to Health Disparities. Meeting: National Institute of Environmental Health Sciences, National Institutes of Health, Durham, North Carolina. December 14, 2015

Invited Speaker, Presentation title: Suboptimal Sleep and Nutrition as Major Modifiable Contributors to Health Disparities. Meeting: Department of Social Medicine, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina. November 5, 2015

Invited Speaker (TedTalk style), Presentation title: Addressing Sleep Health Disparities in the 21<sup>st</sup> Century by Reflecting on Our Past: It's OUR Job. Meeting: 2015 Harvard Chan Alumni Weekend. Boston, Massachusetts. October 3, 2015

Invited Speaker, Presentation title: Ways to Improve your Sleep, Meeting: YMCA Seniors on the Move Event, Roxbury, Massachusetts. May 18, 2015

2014 Invited Co-Chair with Dr. Jeanne Clark, Session on the Obesity Paradox among Clinical Populations. Meeting: Obesity Society Annual Meeting. Boston, Massachusetts. November 4, 2014

Invited Panelist, Leaders in Diversity Student-Alumni Dinner, Harvard T.H. Chan School of Public Health. Boston, Massachusetts. October 25, 2014

Invited Speaker for Marion Mason Nutrition Seminar, Presentation title: Black-White Differences in the Relationship between Alcohol Drinking Patterns and Mortality among US Men and Women. Simmons College. Boston, Massachusetts. September 25, 2014

Invited Learning Collaborative Speaker, Presentation title: Community Health Center Strategies to Address Hypertension Disparities through Sodium Reduction. Meeting: Boston Public Health Commission (City Health Department), Boston, Massachusetts. August 8, 2014

Invited Speaker, Presentation title: White, Black, Asian and Immigrant Disparities in Short Sleep Duration by Industry of Employment and Occupation. Meeting: Work and Family Researchers Network Conference, New York, New York. June 19, 2014

Invited Speaker, Presentation title: Alcohol Drinking Patterns and Mortality among Blacks and Whites in the United States. Meeting: Harvard T.H. Chan School of Public Health, Nutrition Department Seminar. Boston, Massachusetts. April 24, 2014

Invited Speaker, Presentation title: Disparities in Short Sleep Duration by Industry of Employment and Occupation. Meeting: Quantitative Health Sciences Department, University of Massachusetts Medical School. Worcester, Massachusetts. April 14, 2014

Invited Speaker, Presentation title: Black-White Differences in the Relationship between Alcohol Drinking Patterns and Mortality. Meeting: Harvard Cardiovascular Epidemiology Trainee Forum Competition. Boston, Massachusetts. March 28, 2014



- 2013 Invited Speaker for Black Men's Forum, Presentation title: Health in Black America, Meeting: Harvard College. Boston, Massachusetts. October 7, 2013
- Invited Speaker and Panelist, Presentation title: Dialogue on Race, Justice, and Public Health. Meeting: Harvard T.H. Chan School of Public Health. Boston, Massachusetts. September 12, 2013
- Invited Speaker and Panelist, Presentation title: Science Careers, Meeting: Bethune-Cookman University, Daytona Beach, Florida. October 25, 2013
- 2012 Invited Speaker, Presentation title: The BMI-mortality relationship is weaker in Blacks than Whites: Fact vs. Artifact? Meeting: Harvard T.H. Chan School of Public Health, Nutrition Department Seminar. Boston, Massachusetts. November 19, 2012
- 2010 Invited Panelist for Career Development, 'Leadership and Education in Academic Research and Networking for Enhancing Diversity' program, Boston, Massachusetts. November 19, 2012
- 2009 Invited Speaker and Panelist, Presentation title: Advice for Applying and Excelling in Graduate School, Meeting: Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. September 29, 2009
- Invited Speaker, Presentation title: Project Recommendations for Cardiovascular and Diabetes Health Disparities City Initiative, Meeting: Baltimore City Hall (delivered to Mayor and cabinet), Baltimore, Maryland. August 10, 2009

### **Invited Introductions**

- 2014 Invited to introduce Sam Kass (White House Policy-maker and Chef), Voices in Leadership Seminar Series, Harvard T.H. Chan School of Public Health, Boston, Maryland. October 9, 2014
- Invited to introduce Bill Strickland (Community Developer and Author), Decision Making: Voices from the Field Leadership Series, Harvard T.H. Chan School of Public Health, Boston, Massachusetts. March 4, 2014
- 2013 Invited to introduce Dr. Moyses Szklo, 157<sup>th</sup> Cutter Lecturer and Award Recipient at Harvard T.H. Chan School of Public Health, Boston, Massachusetts. May 1, 2013

### **LOCAL (North Carolina)**

#### **Seminars**

- 2019 Invited Speaker, Presentation title: Methodological Challenges and Opportunities for the Social Epidemiology of Sleep Health. Meeting: Social Epidemiology Seminar. Epidemiology Department, University of North Carolina at Chapel Hill. Chapel Hill, North Carolina. October 25, 2019
- 2018 Invited Speaker, Presentation title: Social & Environmental Determinants of Sleep Health Disparities. Meeting: North Carolina Women of Color Research Network Symposium. Research Triangle Park, North Carolina. May 31, 2018

- Invited Speaker, Presentation title: Sleep Health Matters: Practical Tips to Reclaim Your Time. Meeting: Women' Health Awareness Day. Durham, North Carolina. April 7, 2018
- 2017 Invited Speaker, Presentation title: Is there a connection between epigenetics and the epidemiology of sleep disparities? Meeting: Chromatin & Gene Expression Group, Epigenetics & Stem Cell Biology Laboratory. Research Triangle Park, North Carolina. December 14, 2017
- Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health Disparities. Meeting: Social Epidemiology Seminar. Epidemiology Department, University of North Carolina at Chapel Hill. Chapel Hill, North Carolina. October 25, 2017
- Invited Speaker, Presentation title: Social Determinants of Sleep Health. Meeting: Duke Health Center at Roxboro Street Children's Primary Care Clinic. Durham, North Carolina. (Continuing Medical Education credit granted) April 21, 2017
- Invited Speaker, Presentation title: Racial/Ethnic and Socioeconomic Disparities in Sleep Deprivation and Disorders. Meeting: Alliance Behavioral Healthcare. Duke University Health System. Northern Piedmont Community Care. Durham, North Carolina. February 7, 2017
- Invited Speaker, Presentation title: Suboptimal Sleep as a Potential Fundamental Contributor to Cardiovascular Disease Disparities. Meeting: Cardiovascular Disease Epidemiology Group, Epidemiology Department, University of North Carolina at Chapel Hill. Chapel Hill, North Carolina. January 24, 2017
- 2016 Invited Speaker, Presentation title: Misalignment Between Evolutionary Sleep Needs and Contemporary Social Demands: Contributor to Health Disparities in the United States? Meeting: Awakening to the Significance of Sleep and Health Disparities: A Global Evolutionary Perspective Symposium. Duke University School of Medicine, Durham, North Carolina. December 1, 2016

#### Oral Presentations at Scientific Conferences or Colleges/Universities

##### **Conference Symposium - International**

- 2022 Symposium Chair, Symposium Title: From Societies Across the Globe to Cells: Leveraging Technology from the Exposome Initiative to Integrate Sleep, Chronobiology, Social Science, and Environmental Health Research. Meeting: World Sleep 2022 Congress on Sleep Medicine. March 11-16, 2022. Rome, Italy

##### **Conference Symposia - National**

- 2022 Chair of Discussion Group, Presentation title: Review of scientific literature on discrimination and sleep disparities among adolescents and adults. Symposium Title: Understanding the Role of Structural Racism and Discrimination in Sleep Disparities. Meeting: 36<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Charlotte, NC. June 4, 2022

2019 Symposium Co-Chair with Dr. Dayna Johnson, Presentation title: Epidemiology of Sleep Health Disparities: Advances in the Literature. Topic: Suboptimal Sleep as a Contributor to Cardiovascular Disease Disparities: Challenges and Opportunities to Translate Knowledge into Action. Meeting: Society for Behavioral Sleep Medicine. Birmingham, Alabama. September 14, 2019

Symposium Chair, Health Disparities in Sleep Medicine: A Call to Action for Researchers and Clinicians. SLEEP 2018 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. San Antonio, Texas. June 10, 2019

2018 Symposium Chair, Expanding Diversity in Sleep Research & Medicine - Within and Beyond our Ranks. SLEEP 2018 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Baltimore, Maryland. June 4, 2018

Symposium Co-Chair with Dr. Dayna A. Johnson, Suboptimal Sleep as an Understudied but Fundamental Contributor to Poor Health and Health Disparities: Challenges and Opportunities for all Epidemiological Research. Society for Epidemiologic Research Annual Meeting. Baltimore, Maryland. June 2018

### **International**

2019 Speaker, Multiple Sleep Dimensions and Chronic Kidney Disease: Findings from the Multi-Ethnic Study of Atherosclerosis. World Sleep Congress. Vancouver, Canada. September 24, 2019.

### **Local, Regional, or National Contributions**

2023 Speaker, Presentation title: "I'm Black, I'm female; I've got to work twice as hard": Impacts of occupational stress on sleep disparities by race, gender, and occupational status. Symposium: Effect of Individual Differences on Health and Safety. Conference: Work, Stress, and Health Conference 2023. November 9, 2023

2022 Invited CME Session Speaker, Presentation title: Sleep as We Age: Considerations for Obesity Prevention and Treatment in Diverse Population. Symposium: Age Is Just a Number - Aspects of Healthy Weight Maintenance in Older Adults. Conference: Obesity week. Virtual (conference held in San Diego). November 4, 2023

Speaker, Presentation title: Rediscovery Science: Learning from the Past to Move Towards an Action-Oriented Future of Decision Making in Unison with the Ecosystem. Session: New Voices and New Collaborations. Workshop: Towards a Future of Environmental Health Sciences – A Workshop. National Academy of Sciences, Engineering, and Medicine. April 27, 2022

2020 Speaker, Presentation title: An Intersectionality Framework for Exploring Sleep Disparities: A Sequential Mixed Methods Analysis. Symposium Title: Novel Approaches to Understanding Complex Determinants of Disparities in Sleep Health. Meeting: 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Virtual. August 28, 2020

- Speaker, Presentation title: Social Determinants of Black-White Disparities in the Work-Sleep Relationship by Occupational Class: A Sequential Mixed Methods Approach. Symposium Title: Associations among Adverse Childhood Experiences and Adolescent Sleep and Circadian-related Outcomes. Meeting: 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Virtual. August 28, 2020
- Speaker, Presentation title: An Intersectionality Framework for Exploring Sleep Disparities: A Sequential Mixed Methods Approach. Symposium title: Novel Approaches to Understanding Complex Determinants of Disparities in Sleep Health. Meeting: 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Philadelphia, Pennsylvania. June 16, 2020
- 2019 Speaker, Presentation title: Sleep and Pregnancy, Child Health, and Human Development. Meeting: National Institute of Child Health and Human Development. Bethesda, Maryland. November 15, 2019
- Speaker, Presentation title: Does Developmental Timing and Trauma-Related Distress/Anxiety Modify the Relationship between Traumatic Childhood Experiences in Adulthood among a Racially/Ethnically Diverse Cohort of Women? Meeting: 4<sup>th</sup> Annual Meeting of the United States Developmental Origins of Health and Disease Society. Research Triangle Park, North Carolina. September 9, 2019
- Speaker, Presentation title: Does Developmental Timing and Trauma-Related Distress/Anxiety Modify the Relationship between Traumatic Childhood Experiences in Adulthood among a Racially/Ethnically Diverse Cohort of Women? Meeting: 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, Texas. June 12, 2019
- Speaker, Presentation title: Racial/Ethnic Disparities in Sleep Duration and Sleep Disturbances among Pregnant and Non-Pregnant Women in the United States. Meeting: 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, Texas. June 12, 2019
- 2016 Speaker, Presentation title: The Relationship between Sleep Duration and Alcohol Drinking Patterns among Black and White Men and Women in the United States. Meeting: SLEEP 2016 30th Annual Meeting of the Associated Professional Sleep Societies, LLC. Denver, Colorado. June 13, 2016
- Speaker, Presentation title: Examining Racial and Socioeconomic Disparities in the Work-Sleep Relationship: A Biopsychosocial Perspective using a Socioecologic Framework. Meeting: Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE) Annual Meeting. Bethesda, Maryland. April 25, 2016
- Speaker and Panelist, Presentation title: Work, Family, and Health among Employed Black and White Men and Women in the United States. Session: Work and Insecurity: Impacts on Families, on Health, and Across Gender and Race. Meeting: Work and Family Researchers Network conference, Washington, District of Columbia. June 23, 2016

- Speaker and Panelist, Presentation title: Racial Differences in Obesity Trends by Industry of Employment, 2004 to 2011. Meeting: Work and Family Researchers Network conference, Washington, District of Columbia. June 24, 2016
- 2015 Speaker, Presentation title: Can the Work Environment Impact Disparities in Sleep Health and Disease Risk? Meeting: Massachusetts Association for Health, Physical Education, Recreation, and Dance. Worcester, Massachusetts. November 3, 2015
- Speaker, Presentation title: Is the Social Work Environment a Major Contributor to Racial/Ethnic and Socioeconomic Health Disparities? Meeting: Harvard Center for Population and Development Studies, Cambridge, Massachusetts. October 16, 2015
- Speaker, Presentation title: Atlas.ti Demonstration. Mixed Methods Research Training Program for the Health Sciences. Meeting: Site – Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. June 16, 2015
- Speaker, Presentation title: The Work Environment and its Potential Impact on Disparities in Sleep Health and Subsequent Disease Risk. Meeting: Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. June 15, 2015
- 2014 Speaker, Presentation title: Sleep Disparities by Industry of Employment and Occupation. Meeting: Harvard T.H. Chan School of Public Health (presentation to Sir Michael Marmot), Boston, Massachusetts. May 5, 2015
- Speaker, Presentation title: Black-White Disparities in Short Sleep Duration by Industry of Employment and Occupation. Meeting: Epidemiology Department, Emory University, Atlanta, Georgia. November 22, 2014
- 2013 Speaker, Presentation title: Association between Sleep Duration and Diabetes in Black and White Adults. Meeting: National Institute of Diabetes and Digestive and Kidney Disease Network of Minority Research Investigators Workshop. Bethesda, Maryland. April 19, 2013
- Speaker, Presentation title: Association between Sleep Duration and Diabetes in Black and White Adults. Meeting: 73<sup>rd</sup> Annual American Diabetes Association Conference. Chicago, Illinois. March 22, 2013
- 2012 Speaker, Presentation title: Body Mass Index and Mortality Risk in US Blacks Compared to Whites. Meeting: Obesity Society Conference. San Antonio, Texas. September 22, 2012
- Speaker, Presentation title: Obesity Epidemiology in the United States lecture. Advanced Epidemiology Methods II. Tougaloo College, Jackson, Mississippi. July 12, 2012
- Speaker, Presentation title: Black-White Disparities in Obesity Trends and Obesity-related Mortality in the United States Population. Meeting: Diabetes & Obesity Journal Club. The Johns Hopkins Bloomberg School of Public Health, Epidemiology Department. Baltimore, Maryland. May 30, 2012

- 2011 Speaker and Discussant, Presentation title: Publishing in *Progress in Community Health Partnership: Research, Education, and Action* Workshop. Meeting: Community-Campus Partnerships for Health. Waterloo, Canada. May 11, 2011
- 2009 Speaker, Presentation title: The Black-White Disparity in Obesity Trends and Obesity-related Mortality in the US Population. Meeting: Diabetes & Obesity Journal Club. Johns Hopkins Medical Institutions, Welch Center for Prevention, Epidemiology and Clinical Research. Baltimore, Maryland. November 23, 2009
- 2008 Speaker, Presentation title: Correlates of Medication Non-adherence among Urban African-Americans with Type 2 diabetes. Meeting: Oral Presentation at the 136<sup>th</sup> American Public Health Association. San Diego, California. October 26, 2008

**Poster Presentations at Professional Meetings** (Underlined = Student/Advisee)

**INTERNATIONAL**

- Neece AN, Gaston SA, Wilkerson J, Braxton WB, **Jackson CL** (2020, August) Neighborhood Social Cohesion and Sleep Health in the United States: Findings from the National Health Interview Survey. International Society for Environmental Epidemiology. Virtual.
- McWhorter KM, Brokamp R, **Jackson CL**, Ryan P (2020, August) Cumulative Early-Life Traffic-Related Air Pollution Exposure and Sleep Disturbance Consistent with Sleep Disordered Breathing among 12-Year-Old Children. International Society for Environmental Epidemiology. Virtual.
- Wang V, Chu M, Chie L, Gaston SA, **Jackson CL**, Newendorp N, Uretsky E, Dodson R, Adamkiewicz G, James-Todd T. Acculturation and Endocrine Disrupting Chemical-Associated Personal Care Product Use among US-based Foreign-born Chinese Women of Reproductive Age. (2020, August) International Society for Environmental Epidemiology. Virtual.
- **Jackson CL**, Feinstein L, McGrath J. (2019, September) Disparities in Sleep Duration by Industry of Employment and Occupational Class among Native Hawaiian/Pacific Islanders and Non-Hispanic Whites in the United States. World Sleep Congress. Vancouver, Canada.
- McWhorter KM, Bowers K, Ghulam E, Szczesniak R, Dolan L, Deka R, **Jackson CL**, Khoury J. (2019, May) The Association Between Gestational Weight Gain Patterns in Early Pregnancy and Delivery of a Large-for-Gestational Age Infant among Women with Type 1 Diabetes Mellitus. The 10<sup>th</sup> International Symposium on Diabetes, Hypertension, Metabolic Syndrome, and Pregnancy. Florence, Italy.
- Womack VY, **Jackson CL**, Kershaw K. (2018, November) The Association of Mindfulness and Sleep Quality among Multi-Ethnic American Women: Chicago Health Eating, Environment, and Resources Study. 2018 International Symposium for Contemplative Research. Phoenix, Arizona, USA.

- **Jackson CL**, Feinstein L, Redline S. (2017, October) Racial/Ethnic Differences in Associations Between Sleep Patterns and Insomnia Symptoms with Abnormal Lipids: Multi-Ethnic Study of Atherosclerosis. World Sleep Congress. Prague, Czech Republic.
- **Jackson CL**, McGrath J. (2017, June) Black-White Disparities in Sleep Duration and Quality by Occupation Class in the United States. 12<sup>th</sup> International Conference on Occupational Stress and Health, "Work, Stress and Health 2017: Contemporary Challenges and Opportunities." Minneapolis, Minnesota, USA.
- **Jackson CL**, Agenór M, Johnson DA, Austin B, Kawachi I. (2016, June) Sexual Orientation Identity Disparities in Health Behaviors, Outcomes, and Services Use among Men and Women in the United States. 2016 Epidemiology Congress of the Americas meeting. Miami, Florida, USA.

## NATIONAL

- Singh, R., Juarez, P.D., Redline, S., **Jackson, C.L.** (2023, June) Sleep specialists in federally qualified health centers: A gap in sleep health care potentially contributing to sleep disparities. Poster presented at the SLEEP Meeting of the Annual Meeting of the Associated Professional Sleep Societies, Indianapolis, IN.
- Gaston SA, Sweeney M., Martinez-Miller E., Jones R., James P., Jackson II W.B., Sandler DP, **Jackson CL**. (June 6, 2023). *Greenspace in relation to Sleep Health among a Racially and Ethnically Diverse Cohort of US Women*. Poster presented at the SLEEP 2023 Meeting.
- Gaston SA, Wilkerson J, McNell M., Jackson II W.B., **Jackson CL**. (June 6, 2023). *Racial/Ethnic Segregation – a Component of Structural Racism – and Sleep Health by Neighborhood-level Poverty*. Poster presented at the SLEEP 2023 Meeting.
- **Jackson CL**, Gaston SA, Louis JM, Sandler DP. (June 6, 2023). *Does Sleep Health Modify the Relationship between Hypertensive Disorders of Pregnancy and Incident Cardiovascular Disease?* Poster presented at the SLEEP 2023 Meeting.
- Alhasan DM, Gaston SA. (presenter), Whitehurst LN, Spira AP, Sandler DP, **Jackson CL**. (June 6, 2023). *Multiple Sleep Measures and Cognition among US Women by Race/Ethnicity and Age*. Poster presented at the SLEEP 2023 Meeting.
- Montiel Ishino, F.A., Singh, R., Cohen, J.H., Maleku, A., Pyakurel, S., Suzuki, T., Raut, S., **Jackson, C.L.** (2023, June). Community challenges and support in relation to insomnia symptoms among us Bhutanese: Bhutanese community of central Ohio health study. Poster presented at the SLEEP Meeting of the Annual Meeting of the Associated Professional Sleep Societies, Indianapolis, IN.
- Murkey JA, Gaston SA, Alhasan DM, Jackson WB, and **Jackson CL** (2023, June). *Associations Between Industry of Employment, Occupational Class, and Ideal Cardiovascular Health Among Adults in the United States*. Poster presentation at: 2023 Society for Epidemiologic Research Conference; Portland, OR.

- Gaston SA, Alhasan DM, Harmon QE, Baird DD, Sandler DP, **Jackson CL**. (2022, June) Perceived Childhood Neighborhood Safety and Sleep Health during Adulthood. 36<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Virtual. June 04-08, 2022
- Gaston SA, Alhasan DM, Strassle PD, Stewart AL, Perez-Stable EJ, Napoles AM, **Jackson CL**. (June 6, 2022). *Job Loss, Financial Hardship, and Sleep during the COVID-19 Pandemic: Differences by Sex/Gender and Race/Ethnicity*. Poster presented at the SLEEP 2022 Meeting.
- Gaston SA, Sandler DP, **Jackson CL**. (2022, June) Sleep Health: A Modifier of the Association between Racial/Ethnic Discrimination and Type 2 Diabetes Risk among Women. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Martinez-Miller EE, Alhasan DM, Gamaldo A, Jackson WB, Zonderman AB, Evans MK, **Jackson CL**. (2022, June) Multiple sleep dimensions and cardiometabolic multimorbidity by sex/gender and race: Findings from the Healthy Aging in Neighborhoods of Diversity across the Life Span Study. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Gaston SA, Sandler DP, **Jackson CL**. (2022, June) Sleep Health: A Modifier of the Association between Racial/Ethnic Discrimination and Type 2 Diabetes Risk among Women. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Sweeney MR, Nichols HB, Jones RR, Olshan AF, Keil AP, Engel LS, James P, Sandler DP, White AJ, **Jackson CL**. (2022, June) Exposure to indoor along with outdoor light at night in relation to multiple dimensions of sleep health: Findings from the Sister Study. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Park YM, **Jackson CL**, Jones RR, White AJ, Weinberg CR, Sandler DP. (2022, June) Exposure to indoor and outdoor artificial light at night in relation to hypertension risk among women. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Alhasan DM, Gaston SA, Strassle PD, Stewart AL, Pérez-Stable EJ, Nápoles AM, **Jackson CL**. (2022, June) COVID-19 Infection and Sleep Health among a Nationally Representative Diverse Sample of U.S. Adults: COVID-19's Unequal Racial Burden Survey, 2020-2021. 55<sup>th</sup> Society for Epidemiological Research 2022 Annual Meeting. Chicago, Illinois. June 15-17, 2022.
- Gaston SA, **Jackson CL**. (June 22-25, 2021). Sleep May Modify Associations between Poly- and Per-fluoroalkyl Substances and Blood pressure: A Nationally Representative Study of U.S. Adults. Poster presented at the Virtual Society for Epidemiologic Research Annual Meeting.



- Gaston SA, Riley NM, Gullet LR, Harmon QE, Baird DD, **Jackson CL**. (June 10-13, 2021). Neighborhood Safety and Sleep during Childhood. Poster presented at the SLEEP 2021 Virtual Meeting.
- Gaston SA, Lawrence KG, Sandler DP, **Jackson CL**. (June 10-13, 2021). Neighborhood Deprivation and Sleep Health in a Racially/Ethnic Diverse Cohort of U.S. Women. Poster presented at the SLEEP 2021 Virtual Meeting.
- Alhasan DM, Lohman MC, Hirsch JA, Miller MM, Cai B, **Jackson CL** (2020, December). Association Between Neighborhood Characteristics and Neuropsychiatric Symptoms among Community-Dwelling Older Adults with Alzheimer's Disease. Poster presented at 53<sup>rd</sup> Society for Epidemiologic Research. Virtual.
- **Jackson CL**, Wright I, Winful OT, Feinstein L, Adams I. (2020, August) Social Determinants of Black-White Disparities in The Work-Sleep Relationship by Occupational Class: A Sequential Mixed Methods Approach. 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Philadelphia, Pennsylvania.
- **Jackson CL**, Gaston SA, McGrath J, Sandler DP. (2020, August) Sleep Health, Sleep Disturbances, and Sleep Disruptors among White, Black, Hispanic/Latina, and Asian Women in the United States. 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Philadelphia, Pennsylvania.
- Rojo-Wissar, DM. Sosnowski DW, **Jackson CL**, Maher, BS, Spira AP. (2020, August) Interaction of race/ethnicity and adverse childhood experiences: Links to subsequent childhood sleep duration. 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Philadelphia, Pennsylvania.
- Gaston SA, Parks CG, Sandler, DP, **Jackson, CL**. (December 15-18, 2020). *Traumatic Childhood Experiences are Associated with a Higher Prevalence of Multiple Metabolic Abnormalities in Adulthood among a Racially/Ethnically Diverse Cohort of US women*. Poster presented at the Virtual Society for Epidemiologic Research Annual Meeting.
- Gaston, SA, Nguyen-Rodriguez S, Aiello A, McGrath J, Jackson II WB, Napoles A Perez-Stable E, **Jackson, CL**. (August 28-30, 2020). *Birthplace Moderates Racial/Ethnic Disparities in Multiple Sleep Characteristics among Non-Hispanic Whites and Hispanic/Latino Heritage Groups in The United States*. Pre-recorded poster presented at the SLEEP 2020 Virtual Meeting.
- Lunyera J., Park YM, Ward J, Gaston SA (presenter), Bhavsar N, Muntner P, Sandler DP, **Jackson, CL**. (August 28-30, 2020). *Multiple Sleep Disturbances and Hypertension Risk Among White, Black, And Hispanic/Latina Women*. Pre-recorded poster presented at the SLEEP 2020 Virtual Meeting.
- **Jackson CL**, Ward JB, Johnson DA, Sims M, Wilson J, Redline S. (2019, June) Concordance between Self-reported and Actigraphy-Assessed Sleep Duration among African-American Adults: Findings from the Jackson Heart Study. 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Houston, Texas

- McWhorter KM, Gaston SA, Feinstein LB, Troxel WM, Sharkey KM, **Jackson CL**. (2019, June) Racial/Ethnic Disparities in Sleep Duration and Sleep Disturbances among Pregnant and Non-Pregnant Women in the United States. 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Houston, Texas
- McWhorter KM, Park CG, Gaston SA, D'Alosio AA, Rojo-Wissar DM, Sandler DP, **Jackson CL**. (2019, June) Racial/Ethnic Disparities in Traumatic Childhood Experiences and Suboptimal Sleep Dimensions among Adult Women: Findings from the Sister Study. 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Houston, Texas
- Jones RD, Jackson WB, Mazzei A, Chang AM, Buxton OM, **Jackson CL**. (2019, June) Ethnoracial Sleep Disparities among College Students Living in Dormitories in the United States: A Nationally Representative Study. 33<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Houston, Texas
- Gaston SA, Jackson CL. (2019, March) Marijuana Use, Multiple Sleep Characteristics, and Hypertension Among White, Black, and Hispanic Adults in the United States. American Heart Association EPI/Lifestyles 2019 Scientific Sessions, Houston, Texas
- **Jackson CL**, Norwood AF, Sims M, Jackson WB, Correa A, Malik V, Tucker KL. (2019, March) Sugar-Sweetened Beverage Consumption and Risk of Type 2 Diabetes in African Americans: Findings from the Jackson Heart Study. American Heart Association EPI/Lifestyles 2019 Scientific Sessions, Houston, Texas
- Lunyera J, Davenport C, **Jackson CL**, Johnson D, Bhavsar N, Sims M, Scialla J, Stanifer J, Pendergast J, McMullan C, Ricardo C, Boulware E, Diamantidis C. (2018, October) Evaluation of allostatic load as a mediator of sleep and kidney outcomes in blacks. American Society of Nephrology. San Diego, California
- Gaston SA, McGrath J, Jackson WB, **Jackson CL**. (2018, June) Latino-White Disparities in Sleep Duration and Cardiometabolic Health by Government-Assisted/Unassisted Rental and Homeownership Status. 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.
- Robbins R, Underwood P, **Jackson CL**, Chen M, Kuriakose S, Jean-Louis G, Buxton O. (2018, June) A Systematic Review of Worksite Interventions and Their Impact on Employee Sleep. 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.
- Rojo-Wissar D.M., Owusu, J.T., Urbanek, J.K., Nyhuis, C., **Jackson CL**, Spira, A.P. (2018, June) Perceived Parent-Child Relationship Quality, Adequate Sleep Duration, and Insomnia Symptoms in US Adolescents. 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies, Baltimore, Maryland.
- McWhorter KL, Parks CL, D'Alosio AA, Rojo-Wissar DM, Sandler DP, **Jackson CL**. (2018, June) Traumatic Childhood Experiences and Suboptimal Sleep in Adult Women. 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies. Baltimore, Maryland.

- McWhorter KL, Parks CL, D'Aloisio AA, Rojo-Wissar DM, Sandler DP, **Jackson CL**. (2018, June) Suboptimal Sleep Characteristics and Chronic Fatigue Syndrome. 32<sup>nd</sup> Annual Meeting of the Associated Professional Sleep Societies. Baltimore, Maryland.
- Gaston SA, McWhorter KL, Park YM, Sandler DP, **Jackson CL**. (2018, April) Poor Sleep and Metabolic Syndrome Risk among White, Black, and Hispanic/Latina Women in the United States. National Institute of Diabetes and Digestive and Kidney Disease–Network of Minority Research Investigators 16<sup>th</sup> Annual Workshop. Bethesda, Maryland.
- McWhorter KL, Parks CL, Gaston SA, D'Aloisio AA, Rojo-Wissar DM, Sandler DP, **Jackson CL**. (2018, April) Traumatic Childhood Experiences and Risk of Type 2 Diabetes Mellitus among White, Black and Hispanic/Latina Women: The Sister Study. National Institute of Diabetes and Digestive and Kidney Disease–Network of Minority Research Investigators 16<sup>th</sup> Annual Workshop. Bethesda, Maryland.
- Gaston SA, McWhorter KL, Park YM, Sandler DP, **Jackson, CL**. (2018, March) Suboptimal Sleep and Metabolic Syndrome Risk among White, Black, and Hispanic/Latina Women in the United States. American Heart Association EPI/Lifestyles 2018 Scientific Sessions, New Orleans, Louisiana.
- McWhorter KL, Bowers K, Dolan LM, **Jackson CL**, Deka R, Khoury JC. (2017, October) The Impact of Gestational Weight Gain on Overweight and Obesity among Adolescent and Young Adult Offspring of Women with Type I Insulin-Dependent Diabetes: A Pilot Study. The 15<sup>th</sup> Biennial Meeting of the Diabetes in Pregnancy Study Group of North America. Washington, District of Columbia.
- Gaston S, **Jackson CL**. (2017, September) Birthweight may moderate associations between Mono-isobutyl Phthalate Concentrations and Overweight/Obesity in U.S. Adolescents. American College of Epidemiology, New Orleans, Louisiana.
- **Jackson CL**, Patel S, Jackson B, Lutsey P, Redline S (2017, September) Agreement Between Self-Reported and Objectively-Measured Sleep Duration among White, Black, Hispanic, and Chinese Adults in the United States: NIH Research Festival. Bethesda, Maryland.
- **Jackson CL**, Redline S. (2017, June) Short Sleep Duration within Different Environmental Housing Types in the United States. 50<sup>th</sup> Society for Epidemiologic Research Annual Meeting. Seattle, Washington.
- **Jackson CL**, Redline S (2017, June) Black-White Disparities in Short Sleep Duration within Different Environmental Housing Types in the United States. 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies. Boston, Massachusetts
- Johnson DA, Colton MD, **Jackson CL**, Alvarez M, Laden F, Redline S, Adamkiewicz, G. Sleep Patterns in Green vs. Conventional Multifamily Low-Income Housing. 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies. Boston, Massachusetts.
- Johnson DA, Sims M, Lewis T, Xu A, **Jackson CL**, Wang R, Wilson J, Diez Rouz AV, Williams D, Redline S. Associations between Everyday Discrimination and Sleep among

African Americans in the Jackson Heart Study. 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies. Boston, Massachusetts.

- Baumert BO, Carnes MU, Hoppin JA, **Jackson CL\***, Sandler D, Freeman LB, Henneberger PK, Umbach D, Shrestha S, Long S, London SJ. (2017, June) Sleep Apnea and Pesticide Exposure in a Study of US Farmers. 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies. Boston, Massachusetts. [\*Poster presenter]
- **Jackson CL**, Redline S (2017, June) Differences in Short and Long Sleep Duration by Marital Status among Black and White Men and Women in the United States. 31<sup>st</sup> Annual Meeting of the Associated Professional Sleep Societies. Boston, Massachusetts.
- McWhorter KL, Bowers K, **Jackson CL**, Dolan L, Deka R, Khoury JC. (2017, June) Impact of Excessive Gestational Weight Gain and Prepregnancy BMI on the Prevalence of Large-for-Gestational Age Infants of Women With Type I Insulin-Dependent Diabetes, Late-Breaker at the 77<sup>th</sup> American Diabetes Association. San Diego, California.
- **Jackson CL**, Kawachi I, Redline S (2016, June) The Relationship between Sleep Duration and Alcohol Drinking Patterns among Black and White Men and Women in the United States. 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Denver, Colorado.
- **Jackson CL**, Williams MA, Chen X, Patel S, Alcántara C, Lutsey P, Redline S (2015, June) Objective and Subjective Sleep Duration among Whites, Blacks, Hispanics, and Chinese in the United States: Findings from the Multiethnic Study of Atherosclerosis. 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Seattle, Washington.
- **Jackson CL**, Thorpe R, Wilson-Fredrick S, Redline S, Mattei J, Hu F, Kawachi I. (2015, April) Racial Disparities in Short Sleep Duration by Occupation and Industry: John Henryism in Black Professionals? Network of Minority Research Investigators Annual Meeting. National Institute of Diabetes and Digestive and Kidney Diseases. Bethesda, Maryland.
- **Jackson CL**, Hu F, Redline S, Williams DR, Mattei J, Kawachi I. (2015, April) Racial Disparities in Short Sleep Duration by Occupation: The Contribution of Immigrant Status. New England Science Symposium. Boston, Massachusetts.
- **Jackson CL**, Hurtado D, Kawachi I, Hu F. (2014, November) Racial Disparities in Body Mass Index Trends by Occupation and Industry. Obesity Society Annual Meeting. Boston, Massachusetts. **\*Top poster - Diversity Section**
- Cohen J, **Jackson CL**, Li T, Qureshi AA. (2014, May) Sleep Disordered Breathing and Psoriasis: Findings from Large Cohort Studies. Society of Investigative Dermatology Meeting. Albuquerque, New Mexico.
- **Jackson CL**, Hu F, Kawachi I, Williams DR, Mukamal KJ, Rimm EB. (2014, March) Differences in the Alcohol-Mortality Relationship between Blacks and Whites in the US. American Heart Association-Nutrition, Physical Activity and Metabolism Annual Meeting. San Francisco, California.

- **Jackson CL**, Thorpe R, Wilson-Fredrick S, Redline S, Mattei J, Hu F, Kawachi I. (2013, November) Differences in Short Sleep Duration by Occupation among Employed US- and non-US born Whites, Blacks and Latinos. Late-breaker at the 141<sup>st</sup> American Public Health Association. Boston, Massachusetts.
- **Jackson CL**, Redline S, Kawachi I, Williams, MA, Hu F. (2013, June) Racial Disparities in Short Sleep Duration by Occupation and Industry: John Henryism in Black Professionals? 46<sup>th</sup> Society for Epidemiologic Research Annual Meeting. Boston, Massachusetts.
- Tobias DK\*, Pan A\*, Ding E, **Jackson CL**, O'Reilly EJ, Manson JE, Willett WC, Hu F. (2013, March) Body-Mass Index and Mortality among adults with incident type 2 diabetes: results from two US prospective cohort studies. Epidemiology & Prevention and Nutrition, Physical Activity & Metabolism 2013 Scientific Sessions. New Orleans, Louisiana. \* first author
- **Jackson CL**, Hsieh-Yeh J, Wang NA, Dray-Spira R, Thorpe R, Szklo M, Brancati FL. (2012, February) Diabetes, Body-Mass Index, and All-Cause Mortality in the United States. Delta Omega Honor Society Scientific Poster Competition. Baltimore, Maryland.
- **Jackson CL**, Hsieh-Yeh J, Wang NA, Dray-Spira R, Brancati FL. (2011, October) Black-White disparities in overweight and obesity trends among the highly educated in the United States, 1997-2008. 139<sup>th</sup> American Public Health Association. Washington, District of Columbia.
- **Jackson CL**, Hsieh-Yeh J, Wang NA, Dray-Spira R, Thorpe R, Szklo M, Brancati FL. (2011, June) Diabetes, Body-Mass Index, and All-Cause Mortality in the United States, Late-Breaker at the 71<sup>st</sup> American Diabetes Association. San Diego, California.
- **Jackson CL**, Nathan-Pulliam S. (2010, September) Strengthening evidence-based legislation to reduce health disparities through epidemiologist-legislator collaborations. Jackson Heart Study Scientific Conference. Jackson, Mississippi.
- **Jackson CL**, Cosgrove S, Fichtenberg C. (2010, September) Addressing racial/ethnic health disparities related to cardiovascular disease and diabetes in Baltimore City through a student-local government collaboration. Jackson Heart Study Scientific Conference. Jackson, Mississippi.
- **Jackson CL**, Hill-Briggs F, Brancati FL, Batts-Turner ML, Hsieh-Yeh J, Dray-Spira R, Bone L, Hill MN, Levine DM, Gary TL. (2009, February) Correlates of Medication Non-adherence among Urban African-Americans with Type 2 diabetes. Delta Omega Honor Society Scientific Poster Competition. Baltimore, Maryland.
- **Jackson CL**, Martelli JL. (2007, November) A Pilot Study for Neighborhoods and Cardiovascular Health Research in Urban and Rural Chile. 135<sup>th</sup> American Public Health Association. Washington, District of Columbia.
- **Jackson CL**, Bolden S, Brancati FL, Batts-Turner ML, Gary TL. (2004, June) Systematic Review of Information Technology in Diabetes Care. 64<sup>th</sup> American Diabetes Association Conference. Orlando, Florida.

- Gary TL, Batts-Turner ML, Falb MD, **Jackson CL**, Brancati FL. (2004, June) Internet Use among African Americans with Type 2 diabetes. 64<sup>th</sup> Annual American Diabetes Association Conference. Orlando, Florida.

### **LOCAL (North Carolina)**

- **Jackson CL**, Johnson DA, Jackson WB, McGrath J, Thorpe RJ. (2018, February) Racial Disparities in Short Sleep Duration with Different Environmental Housing Types in the United States: Does Epigenetics Play a Role? Center for Human Health and the Environment 2<sup>nd</sup> Annual Symposium, Research Triangle Park, North Carolina.
- McWhorter KL, Parks CL, D'Aloisio AA, Rojo-Wissar DM, Sandler DP, **Jackson CL**. (2018, February) Traumatic Childhood Experiences and Suboptimal Sleep in Adult Women: Do early life stressors contribute to epigenetic changes? Center for Human Health and the Environment 2<sup>nd</sup> Annual Symposium, Research Triangle Park, North Carolina.
- Gaston S, Jackson WB, **Jackson CL**. (2018, February) Homeownership/Rental Housing Status, Sleep, and Cardiometabolic Health: Can Housing Environments Contribute to Differences in Epigenetic Profiles? Center for Human Health and the Environment 2<sup>nd</sup> Annual Symposium, Research Triangle Park, North Carolina.
- Gaston S, Jackson WB, **Jackson CL**. (2017, September) Black-White Disparities in Sleep Duration and Cardiometabolic Health Outcomes by Government-Subsidized Rental Housing Status in the United States. NIEHS Science Days, Research Triangle Park, North Carolina.
- Park YM, **Jackson CL**, White AJ, McWhorter KL, Weinberg CR, Sandler DP. (2017, September) Sleep Characteristics and Risk of Incident Metabolic Abnormalities in Women: Findings from the Sister Study. NIEHS Science Days, Research Triangle Park, North Carolina.
- **Jackson CL**, Gaston S, Buxton OB, Redline S (2017, September) Black-White Disparities in Sleep Duration across Work Environments in the United States: A Mixed Methods Approach. Global Health Day, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina.
- **Jackson CL**, Redline S, Kawachi I, Williams, MA, Hu F. (2017, February) Racial Disparities in Short Sleep Duration by Occupation and Industry: John Henryism in Black Professionals? 38<sup>th</sup> Annual Minority Health Conference. Systems of Power: Recalling our Past, Restructuring our Future. Chapel Hill, North Carolina.

### **Grant Funding Information**

Funding period	10/2021-present
Project title	<b>NIA-NIEHS Fellowship Award</b>
Funding source	National Institute of Aging-National Institute of Environmental Health Sciences
Role	Co-Principal Investigator
Funding level	\$83,000/year (support for a full-time postdoctoral fellow for two years)
Principal Investigator	Chandra L. Jackson, PhD, MS and Michele K. Evans, MD

Objective Funds to encourage new collaborative research between intramural scientists at the two ICs; Neighborhood characteristics and sleep health; associations between sleep and cardiometabolic health and aging

Funding period 2/2018 – 2/2020

Project title **Biomarker Identification for Type 2 Diabetes Mellitus Using Metabolomics**

Funding source Bench-to-Bedside – National Institute of Minority Health and Health Disparities (NIH)

Role Principal Investigator

Funding level \$300,000

Principal Investigator Chandra L. Jackson, PhD, MS

Objective Funding for research teams seeking to translate basic scientific findings into therapeutic interventions for patients and to increase understanding of important disease processes

Funding period 2/2015-6/2017

Project title **Prevention and Wellness Trust Fund**

Funding source Massachusetts Department of Public Health

Role Lead evaluation member (played a major role in writing the proposal's analytic plan)

Funding level \$2,150,000

Principal Investigators Charles Deutsch, PhD and Michelle Williams, ScD

Objective Evaluate a \$60 million initiative to reduce healthcare costs by preventing chronic conditions

Funding period 8/2012 – 7/2016

Project title **Student Loan Repayment Program for Health Disparities Research**

Funding source National Institutes of Health

Role Contractor

Funding level up to \$35,000/year

Principal Investigator Chandra L. Jackson, PhD, MS (Michelle Williams, ScD – Research mentor)

Objective Repay student loans for conducting health disparities research

Funding period 1/2016-4/30/2016

Project title **Health Disparities Enrichment Award**

Funding source Disparities Research Program, Harvard Catalyst | Clinical and Translational Science Center

Role Principal Investigator

Funding level \$3,000

Principal Investigator Chandra L. Jackson, PhD, MS

Objective Disparities Research Program Enrichment Award given to accelerate research related to health disparities using a Research Patient Data Registry at Harvard

Funding period 3/2014 - 8/2015

Project title **Social Determinants of Black-White Disparities in Sleep by Occupational Class: A Mixed Methods Approach**

Funding source Robert Wood Johnson Foundation Health and Society Scholars Program (Harvard)

Role Principal Investigator  
Funding level \$10,000  
Principal Investigator Chandra L. Jackson, PhD, MS  
Objective Pilot projects with a high potential for integrating the theories, questions, and methods of two or more disciplines; Projects that involve high payoff in terms of opening new areas of inquiry, or that provide crucial preliminary data for preparing larger grant proposals; Projects with identifiable outcomes in terms of linking faculty and scholars across departments and schools

Funding period 2/2015-4/30/2015  
Project title **Health Disparities Enrichment Award**  
Funding source Disparities Research Program, Harvard Catalyst | Clinical and Translational Science Center

Role Principal Investigator  
Funding level \$2,500  
Principal Investigator Chandra L. Jackson, PhD, MS  
Objective Disparities Research Program Enrichment Award given to accelerate research related to health disparities using a Research Patient Data Registry at Harvard

Funding period 12/2013 - 6/2014  
Project title **Postdoctoral Research Training at Harvard**  
Funding source National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) T32 Supplemental Slot Program

Role Recipient  
Funding level up to \$80,000 annually  
Principal Investigator Frank B. Hu, MD, PhD  
Objective To support postdoctoral research training for underrepresented minorities under the mentorship of an NIH-funded investigator

Funding period 6/2011 - 6/2012  
Project title **Student Environmental Development Program Grant**  
Funding source Environmental Protection Agency  
Role Collaborator  
Funding level \$35,000  
Recipient Environmental Justice Partnership, Inc.  
Objective To educate rising eighth grade students about environmental issues and to give them the knowledge, skills, and confidence to act as environmental ambassadors in their home communities, thereby educating their peers and neighbors and advancing the cause of good environmental stewardship

Funding period 4/2009 - 8/2010  
Project title **Reverse the Trend: Healthy Trendsetters Movement™ - Youth Obesity Prevention Program**  
Funding source Johns Hopkins Urban Health Institute  
Role Academic Collaborator for Academic-Community Partnership  
Funding level \$5,000  
Recipient American Diabetes Association, Maryland Chapter



Objective To advance research and programming that relates to the health and well-being of the residents of Baltimore-drawing implications for urban health nationally and globally; student and community small grant collaboration

### **Professional Societies**

2014-date Sleep Research Society  
2014-date Work and Family Researchers Network  
2014-2017 American Academy of Sleep Medicine  
2014 American Heart Association  
2012-2014 The Obesity Society  
2012-2014 National Postdoctoral Association  
2012 Society for Epidemiologic Research

### **Editorial Roles**

12/2018-date **Guest Editor for Special Issue (with Dr. Gary Adamkiewicz) on Social and Environmental Determinants of Health Disparities, *International Journal of Environmental Research and Public Health***

1/2016-date **Editorial Board Member, *Sleep Health: Journal of the National Sleep Foundation***

12/2017- 12/2019 **Associate Editor, *BMC Public Health***

7/2008-12/2011 **Editorial Fellow, *Progress in Community Health Partnerships: Research, Education, and Action***

- Conducted a podcast interview, reviewed and recommended reviewers for manuscripts
- Provided input on and presented manuscripts up for decision
- Facilitated (n=1) and provided input on conference workshops
- Provided editorial, marketing, and public relations input

### **Journal Reviewer (Ad-hoc)**

American Journal of Clinical Nutrition  
American Journal of Epidemiology  
Annals of Behavioral Medicine  
Annals of Epidemiology  
Annals of Internal Medicine  
Behavioral Sleep Medicine  
BMC Obesity  
BMJ Open  
BMC Pregnancy and Childbirth  
Cancer Epidemiology  
CHEST  
Computational and Structural Biotechnology Journal  
Diabetes Care  
Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy

Diabetes, Obesity, and Metabolism: A Journal of Pharmacology and Therapeutics  
Emerging Infectious Disease  
Environmental Health  
Environment International  
Environmental Research  
Environmental Health Perspectives  
Epidemiology  
Ethnicity & Disease  
Health Education & Behavior  
International Journal of Environmental Research and Public Health  
JAMA Pediatrics  
Journal of Aging and Health  
Journal of the American Society of Nephrology  
Journal of Clinical Sleep Medicine  
Journal of Diabetes Research  
Journal of Exposure Science & Environmental Epidemiology  
Journal of General Internal Medicine  
Journal of Gerontology: Medical Sciences  
Journal of Occupational and Environmental Medicine  
Journal of Public Health  
Journal of Sleep Research  
New England Journal of Medicine  
Medical care  
Nature Communications  
Nutrients  
Obesity  
Obesity Reviews  
Occupational and Environmental Medicine  
One Earth  
PLOS Medicine  
PLOS One  
Preventive Medicine  
Public Health Reports  
Scientific Reports  
SLEEP  
Sleep Health: Journal of the National Sleep Foundation  
Sleep Medicine  
Social Science & Medicine  
Sustainability  
SSM - Population Health  
The Journal of Clinical Endocrinology & Metabolism  
The Lancet Psychiatry  
Women's Health Issues  
Yale Journal of Biology and Medicine

### **Service to the Field of Science**

4/2022-present	Global Sleep Health Task Force member, World Sleep Society
7/2024-present	'Creating Opportunities for Underrepresented Researchers to Achieve Growth and Excellence' program (Mass General Hospital)
8/2024	Career MODE program (Careers through Mentoring and training in Omics and Data for Early-stage investigators) (Columbia University)
6/29/2022	Speaker for an Evening with Leaders in Circadian and Sleep Research, Program to Increase Diversity in Behavioral Medicine and Sleep Disorders Research (PRIDE) at the University of Miami
2/2021-6/2023	Member; Speaker; Moderator, Committee on the Use of Emerging Science for Environmental Health Decisions for "Towards a Future of Environmental Health Sciences". Organization: National Academy of Sciences, Engineering, and Medicine.
2/18/2022	Invited Participant, National Academy of Sciences, Engineering, and Medicine Future casting exercise on environmental health sciences – Future of Environmental Health
4/2021-date	Board of Directors, Sleep Research Society; 4-year appointment
4/2022	Moderator, Session: Indicators and Measures of Structural Racism as Risk Factors of Maternal and Child Health; Meeting: Environmental Impacts on Women's Health Disparities and Reproductive Health, NIEHS
12/7-8/2021	Participant, Virtual Roundtable Discussion – "Sleep: A Marker of Healthy Homes and Healthy Communities"
5/2021	Moderator for Sleep Session, American Heart Association EPI Lifestyle Scientific Sessions, Epidemiology and Prevention   Lifestyle and Cardiometabolic Health; 1 day, 2 activities; *first session on the topic
1/2021-4/2021	Reviewer, New England Science Symposium, Harvard Medical School; 3 months

### **NIH and NIEHS Government Service**

5/2023-present	Scientific Director's Traineeship for Inclusion, Diversity, and Equity
10/2023-date	Faculty sponsor, Environmental Justice Interest Group, NIH-wide
7/2022-date	Search Committee Member, Senior Clinician, NIMH
1/2021-date	Organizing Committee Member, Dr. Kenneth Olden Lecture for Environmental Justice
10/2020-12/2020	Search Committee Member, GuLF Staff Scientist search, NIEHS
7/2019-10/2020	Search Committee Member, Clinical Research Branch, NIEHS
4/2019	Session Chair, New Scholars Connect Program Spring Symposium, NIEHS
5/2018	Scientific Abstract Judge, Fellows Award for Research Excellence, NIH
7/27/2017	Scientific Poster Judge, Scholars Connect Program, NIEHS
9/13/2017	NIH Future Leaders Panel (Tenure-Track Investigators), NIH
10/2017, 10/2018	Scientific Poster Judge, Science Days Symposium, NIEHS

### **Government Interest Group Membership**

2022-date	NIH-Wide Social Determinants of Health Research Coordinating Committee
2018-date	Sex and Gender in Health and Disease Scientific Interest Group
2017-date	Health Disparities Interest Group, NIH
2017-date	Chronobiology and Sleep Interest Group, NIH

**Staff Scientist**

<b>Start/End</b>	<b>Name</b>	<b>Research area</b>
September 26, 2022-present	<b>Symielle Gaston, PhD, MPH</b>	Behavioral and Lifestyle Mediators of Cardiovascular Health Disparities
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- Intramural Paper of the Month</li> <li>- NIEHS paper of the year (2024)</li> <li>- Oral scientific presentations (n=2) at Sleep 2023 Scientific Conference</li> </ul>		

**Postdoctoral Trainees**

<b>Start/End</b>	<b>Name</b>	<b>Research area</b>	<b>Current position</b>
February 21, 2017-December 7, 2018	<b>Ketrell McWhorter, PhD, MBA</b>	Perinatal Health and Health Disparities (e.g., Diabetes)	Tenure-Track Assistant Professor in Epidemiology, University of Kentucky
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2017 Cabrera Marco Poster Award for Translational Research, National Institute of Diabetes and Digestive and Kidney Disease, Network of Minority Research Investigators</li> <li>- 1 of 8 NIEHS fellows selected for the 2017 NIEHS Science Days oral presentation (Traumatic Childhood Experiences and Sleep Disturbance in Adult Women)</li> <li>- Oral scientific presentations at the 2018 and 2019 SLEEP Annual Meeting as well as the Society for Epidemiologic Research</li> <li>- Editor's Choice, Manuscript in Sleep Journal</li> </ul>			
August 8, 2017 – September 23, 2022	<b>Symielle Gaston, PhD, MPH</b>	Behavioral and Lifestyle Mediators of Cardiovascular Health Disparities	Research Associate: August 8, 2017-September 24, 2022
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2018 Summer Research Mentor Award, NIEHS</li> <li>- 2018 Epidemiology Minority Travel Grant Award, American Heart Association Council on Epidemiology and Prevention, EPI/Lifestyle Scientific Sessions</li> <li>- American Heart Association Seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke</li> <li>- 2019 William G. Coleman Minority Health and Health Disparities Research Innovation Award</li> <li>- 2020 Fellows Award for Research Excellence; topic – personal care products and health</li> <li>- Oral scientific presentations: 2018 United States Society for Developmental Origins of Health and Disease; 3<sup>rd</sup> Annual Meeting, 2019 Society for Behavioral Sleep Medicine; SLEEP Annual Meeting (2020, 2022, 2023 (n=2)); Interdisciplinary Association for Population Health Sciences Scientific Conference (2022, 2023)</li> <li>- Intramural Paper of the Month (n=2)</li> <li>- 2022 Fellows Award for Research Excellence; topic – trauma and type 2 diabetes risk</li> <li>- Invited presentation (2022): HEEDS EDC- North Carolina Working Group Third Annual</li> </ul>			

Scientific Meeting. North Carolina State University; topic: hair product use among African American women			
April 7, 2020-present	<b>Dana M. Alhasan, PhD, MPH</b>	Neighborhood Characteristics and Cognition Disparities	IRTA Postdoctoral Fellow
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2021 William G. Coleman Minority Health and Health Disparities Research Innovation Award</li> <li>- Oral scientific presentation at the 2021 Society for Epidemiologic Research</li> <li>- 2021 Fellows Award for Research Excellence; topic – Neighborhood Characteristics and Alzheimer’s Disease Risk</li> <li>- 2022 Fellows Award for Research Excellence; topic – residential segregation and dementia</li> </ul>			
September 8, 2020 -August 31, 2021	<b>Patrice Williams, PhD, MPH</b>	Urban Planning; Physical and Social Environments effect on sleep health	Research Scientist at Massachusetts Institute of Technology
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- The Marsha Ritzdorf Award for the Best Student Work on Diversity, Social Justice and the Role of Women in Planning</li> <li>- Oral scientific presentation at the 2021 Interdisciplinary Association for Population Health Sciences Scientific Conference</li> </ul>			

### **Incoming Postdoctoral Trainees**

<b>Start/End</b>	<b>Name</b>	<b>Research area</b>	<b>Current position</b>
August 21, 2022-July 31, 2023	<b>Rupsha Singh, PhD</b> (Co-mentored with Dr. Anna Napoles; Dr. Michele Evans)	Insomnia; Sleep disparities interventions; cognitive behavioral therapy	IRTA postdoctoral fellow
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2022 William G. Coleman Minority Health and Health Disparities Research Innovation Award</li> <li>- 2023 Mentored Collaboration Grant Recipients – Sleep Research Society</li> <li>- 2023 Summer Research Mentor Award, NIMHD</li> <li>- 2024 Promising Postdoc Award for Outstanding Achievement within two years at NIH (NIA in Women in Science)</li> </ul>			
August 21, 2022	<b>Jamie Murkey, PhD, MPH</b>	Cardiovascular disease disparities	IRTA Postdoctoral Fellow
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2023 William G. Coleman Minority Health and Health Disparities Research Innovation Award</li> </ul>			
October 2, 2023	<b>Bethany Ogbenna, PhD, MPH</b>	Cardiovascular disease disparities; Social determinants of health	IRTA Postdoctoral Fellow
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- Sleep Research Society Membership Award (2-year membership)</li> </ul>			

- Voted best oral presentation, “Skin-tone – a marker for colorism – and sleep health among young African-American women,” 2024 EPI Branch Science Days			
January 22, 2024	<b>Philip Zendels, PhD</b>	Sleep and cognition; sleep disparities	IRTA Postdoctoral Fellow
- TBD			

### **Independent Research Scholar, NIEHS**

<b>Year, Role</b>	<b>Name, Institution</b>	<b>Topic</b>	<b>Current position</b>
2023, Research Mentor	<b>Alex Montiel Ishino, Ph.D., M.P.H., NIEHS</b>	Socioenvironmental contributors to health disparities; acculturative stress	Independent Research Scholar

### **Medical Research Visiting Fellow, NIEHS**

<b>Year, Role</b>	<b>Name, Institution</b>	<b>Topic</b>	<b>Current position</b>
2018-2019, Research Mentor	<b>Chizoba Umesi, Duke University School of Medicine</b>	Sleep and Chronic Kidney Disease	Medical student

### **Post-baccalaureate Trainees**

<b>Year</b>	<b>Name, Institution</b>	<b>Major; Topic</b>	<b>Current position</b>
2020-2022	<b>Nyree Riley, University of Georgia</b>	Environmental Health Science; Traumatic Childhood Experiences and Diabetes Risk	Postbaccalaureate trainee in my research group
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- Oral presentation at New England Science Symposium (Harvard University), 2021</li> <li>- Poster presentation, Breaking the Cycle of Children’s Environmental Health Disparities Virtual Conference (Emory University)</li> </ul>			
2020-2022	<b>Lauren Gullett, University of North Carolina at Chapel Hill</b>	Neuroscience; Neighborhood social cohesion and psychological distress	Postbaccalaureate trainee in my research group
Awards/honors received while under my mentorship: <ul style="list-style-type: none"> <li>- 2021 NIH Summer Research Mentor Award</li> <li>- 2021 Interdisciplinary Association for Population Health Sciences Scientific Conference</li> <li>- Poster presentation at 2021 New England Science Symposium (Harvard)</li> <li>- Oral presentation at NIH Postbaccalaureate Fellows Day (Top 20% of abstracts)—recognized as outstanding.</li> <li>- Poster Presentation, Breaking the Cycle of Children’s Environmental Health Disparities Virtual Conference (Emory University)</li> </ul>			
2022-2023	<b>Yvette Oppong, University of Connecticut</b>	Environmental Studies; sleep during pregnancy	Young Innovative Investigator Program – University of Connecticut

- Oral presentation at NIH Postbaccalaureate Fellows Day			
Feb.-Aug. 2024	<b>DaNaisha Thomas,</b> Clark Atlanta University	Sleep	Postbaccalaureate Fellow
- TBD			

### **NIEHS Scholars Connect Program Fellow**

<b>Year</b>	<b>Name, Institution</b>	<b>Major</b>
2018-2019 (academic year)	<b>Samuel Goldstein,</b> University of North Carolina at Chapel Hill	Undergraduate student, Environmental Health Engineering 2023: Medical Student
Awards/honors received while under my mentorship:		
<ul style="list-style-type: none"> <li>- Honorable mention (2<sup>nd</sup> place) for poster presentation at NIEHS (topic: Sleep and Psychological Distress)</li> <li>- Poster presentation the Society for Advancement of Chicanos/Hispanics and Native Americans in Science conference in Honolulu, Hawaii</li> <li>- Oral presentation-State of N.Carolina Undergraduate Research and Creativity Symposium</li> </ul>		

### **Summer Interns**

<b>Year</b>	<b>Name, Institution (at the time of training)</b>	<b>Major and Awards during Internship</b>
2017	<b>Mai-Han Trinh,</b> University of Maryland Baltimore County	Biostatistics 2023: PhD student in Epidemiology at Harvard T.H. Chan School of Public Health
2017	<b>Orlando Davy,</b> Saint Louis University	Biostatistics
2018	<b>Kacey Fang,</b> Yale University	Cognitive Sciences <ul style="list-style-type: none"> <li>- 2<sup>nd</sup> place poster presentation winner for undergraduates at NIEHS; (topic: sleep and diabetes by race)</li> <li>- Three-minute research challenge winner 2023: Harvard Medical School</li> </ul>
2018	<b>Marque Long,</b> Morehouse College	Biology
2018	<b>Micaela Gladney,</b> Columbia University	Sociomedical Sciences
2019	<b>Joelle Atere-Roberts,</b> University of North Carolina at Chapel Hill	Epidemiology <ul style="list-style-type: none"> <li>- 2<sup>nd</sup> place poster presentation winner for graduate students at NIEHS; (topic: racial discrimination and diabetes risk)</li> </ul>
2019	<b>Olawunmi Winful,</b> Vanderbilt University	Cultural Anthropology
2019	<b>Rodney Jones,</b> Pennsylvania State University	Neuroscience

2020	<i>*The NIH summer internship program was cancelled due to the coronavirus pandemic</i>	
2021	<b>Amy Chen</b> , Johns Hopkins University	Molecular and cellular biology
2021	<b>Judicael Tchoudja</b> , University of Maryland College Park	Biology
2022	<b>Donovan Dennis</b> , Michigan State University	MD/MPH
2022	<b>Imaan Ksar</b> , Princeton University	Psychology with concentration on South Asian studies
2022	<b>Michael Green</b> , Duke University	Population Health; Health disparities
2023	<b>Shunbung Patel</b> , University of North Carolina at Chapel Hill	Biostatistics
2023	<b>Shirley Lopez De Leon</b> , Washington University in St. Louis	Biology; Anthropology: Global Health and Environment; Spanish
2024	<b>Kennedy Williams</b> , North Carolina Central University	Biology; Public Health
2024	<b>Liliana Sisto</b> , McGill University	Public Health; Epidemiology; International Health Policy
2024	<b>Alma Solis</b> , Duke University	Evolutionary Anthropology; Public Health

### **Special Volunteers**

<b>Year</b>	<b>Name</b>	<b>Institution</b>	<b>Major</b>
2017	<b>Mai-Han Trinh</b>	University of Maryland Baltimore County	Biostatistics
2018	<b>Kacey Fang</b>	Yale University	Cognitive Sciences
2018	<b>Micaela Gladney</b>	Columbia University	Sociomedical Sciences
2018	<b>Darlynn Rojo-Wissar</b>	The Johns Hopkins University	Mental Health

### **NIH Mentee Demographics:**

- Females (n=13); Males (n=6)
- Race/ethnicity of: African American/Black (n=13), Asian/Pacific Islander (n=4), American Indian/Native American (n=0), European American/White (n=1), Hispanic/Latino (n=1)
- Foreign nationals (on visas) (n=0)



**Doctoral students**

<b>Year, Role</b>	<b>Name, Institution</b>	<b>Program; Topic</b>	<b>Current position</b>
2017, Dissertation committee member	<b>Nat MacNell</b> , University of North Carolina at Chapel Hill	PhD student, Epidemiology; Environmental exposures and sleep health disparities	Social & Scientific Systems, Inc.
2022, Dissertation committee member	<b>Marina Sweeney</b> , University of North Carolina at Chapel Hill	PhD student, Epidemiology; Artificial Light at Night and Breast Cancer along with Sleep Health	Social & Scientific Systems, Inc.
2023, Dissertation committee member	<b>Alma Solis</b> , Duke University	PhD student, Evolutionary Anthropology; Sleep Health in Madagascar	Student

**Supervised or Academically Advised Undergraduate Students**

*[Prior to National Institutes of Health position]*

- 2013-2016 **Freshman Proctor (Resident Fellow) for 70 Harvard College students**
  - Served as primary academic, residential, social, and personal advisor to a group of first-year students at Harvard College
  - Created academic and social community among 20-40 1<sup>st</sup> year students and provided academic counseling to 8 to 10 students.
  - Managed peer advising fellows (upperclassmen) who help manage student needs
  - Member of Freshman Board of Advisors and Harvard College staff
- 2015 **Academic Advisor for Harvard College Undergraduate Students**
  - Joseph Wertz
  - David Miller
  - Pooja Chandrashekar
  - Johnna O’Sullivan
  - Hasani Hayden
  - Alexander Lin
  - Leah Rosen
  - Siddhant Agrawal
  - Kristiana Deleo
- 2014
  - Alex Cohen
  - Lorena Lyon
  - Elena McCormick
  - Scott Evans
  - Heidi Nocka
- 2014 *Capstone Advisor for Northeastern University Undergraduate Students*
  - Lisa Bartucca
  - Maureen Nothnagle
- 2015- *Other Student Advising or Supervising*
  - Johnathon Wyatt Koma, University of Pittsburgh Undergraduate Student (summer at Harvard)

- 2013-2015 Joshua Petimar, BS/Epidemiology Masters student, Harvard T.H. Chan School of Public Health
- Supervised laboratory research assistant working on a sodium validation study for a CDC-
  - funded Demonstration Project to address obesity and hypertension health disparities in Boston

### **Conference Trainings or Honorific Participation as Trainee:**

- 2019 **National Academy of Medicine (NAM) Emerging Leaders Forum, Washington, District of Columbia**  
Aims to connect emerging leaders with NAM members working across all fields of health and medicine and related fields. Provides a platform for identifying novel means of tackling difficult problems in health
- 2019 **Academy of Behavioral Medicine Research Meeting Program, Tucson, Arizona**  
Theme: Minding the Gap: Advancing our Understanding of Differences and Disparities in Health and Disease
- 2019 **20th Annual Harvard Medical School Nutrition Symposium, Longevity & Aging: Nutritional and Metabolic Mechanisms as a Nutrition Obesity Research Center at Harvard (NORCH) Diversity Scholar, Boston, Massachusetts**  
Purpose: Foster a diverse network of researchers in the obesity/nutrition research by increasing awareness of resources and potential collaborations to enhance research efforts
- 2018 **Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke, American Heart Association, Lake Tahoe, California**  
Provides training with the goal of enhancing the pursuit of successful careers related to cardiovascular epidemiology
- 2018 **XP Advanced: Statistical Methods for OMICs profiling and Integration at Imperial College of London, London, United Kingdom**  
The course presents techniques to analyze and integrate OMICs data in an exposome concept
- 2017 **Molecular Epidemiology of Chronic Disease and the Exposome at Utrecht University, Utrecht, The Netherlands**  
The course introduces the concepts, principles, and use of molecular methods in epidemiologic research. Topics that will be covered include introduction into platforms (epigenetics, transcriptomics, proteomics, metabolomics), implementation of molecular markers in epidemiology, and the role of molecular epidemiology in the analysis of the exposome
- 2016 **Oxford Sleep and Circadian Neuroscience Institute Training on Sleep Medicine and Chronobiology at the University of Oxford, Oxford United Kingdom**  
A series of shared lectures and seminars as well as separate, subject-specific workshops. The aim was to give attendees a practical understanding of sleep medicine from fundamental research to applied science

- 2016 **Summer School on Social Determinants of Health, University College of London, London, UK**  
Provided an in-depth assessment of the social determinants of health from a global research, policy, and governance perspective
- 2016 **Training on Optimization of Behavioral and Biobehavioral Interventions, The Methodology Center, Penn State University; Training location: Bethesda, MD**  
Gain skills to use the multiphase optimization strategy to optimize behavioral and biobehavioral interventions
- 2016 **Sleep Regulation & Function - Gordon Research Conference (as a Carl Storm Underrepresented Minority Fellow), Galveston, TX**  
Identify critical gaps in evidence and highlight promising methodologies and model systems to further explore the regulation and function of sleep
- 2015, 2017 **Programs to Increase Diversity among Individuals Engaged in Health Related Research, Behavioral Medicine and Sleep Disorders Program, New York University School of Medicine, New York, NY**  
Mentored research training programs address difficulties experienced by junior investigators in establishing independent research programs and in negotiating academic ranks
- 2015 **8<sup>th</sup> Annual Bedside to Bench Conference: "Sleep, Circadian Rhythms, and Aging: New Avenues for Improving Brain Health, Physical Health, and Functioning," National Institute of Aging and the American Geriatrics Society, Bethesda, MD**  
Promote increased attention to high-quality research in the important area of geriatric sleep
- 2015 **Mixed Methods Research Institute, Hopkins-Harvard Retreat, Baltimore MD**  
(invited as speaker/facilitator)  
Scholars (n=14) learned how to implement mixed methods into their research program
- 2015 **American Academy of Sleep Medicine, 7<sup>th</sup> Young Investigators Research Forum, Bethesda, MD**  
Career development aid for promising young investigators in sleep medicine research
- 2014 **14<sup>th</sup> Annual NIH Summer Institute on Randomized Behavioral Clinical Trials, Office of Behavioral and Social Sciences Research, National Institutes of Health, Warrenton, Virginia**  
Planning, design, and execution of RCTs involving behavioral interventions

**Teaching of Students in Courses (quest lectures unless specified)**

- 2014 **Race, Ethnicity, and Health, Northeastern University, Boston, Massachusetts**  
Racial/Ethnic Disparities in Sleep Health, 25 students
- 2013 **Advanced Topics in Obesity Epidemiology and Prevention, Harvard T.H. Chan School of Public Health, Boston, Massachusetts**

- Practical Skills in Community-Based Participatory Research, 20 students
- 2012 **Advanced Topics in Nutrition**, Harvard T.H. Chan School of Public Health, Boston, Massachusetts  
Effective PowerPoint Presentation Skills, 15 students
- 2008, 2010,2011 **Principles of Epidemiology (Co-Instructor)**, Jackson Heart Study site, Jackson Mississippi  
Six-Day course, approximately 20 Public Health students from across the United States with Dr. Moyses Szklo
- 2009, 2012 **Advanced Epidemiology Methods II (Co-Instructor)**, Jackson Heart Study site, Jackson, Mississippi  
Six-Day course, approximately 20 Public Health students from across the United States with Dr. Moyses Szklo

### **Teaching Assistant**

- 2010, 2011 **Introduction to Diabetes and Obesity**, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland; 45 students

### **Research in the popular news media while on tenure track**

- 2023 **Sleep health disparities**
- Noise pollution and [sleep] health: <https://www.nytimes.com/interactive/2023/06/09/health/noise-exposure-health-impacts.html>
  - <https://www.nationalgeographic.com/premium/article/noise-pollution-body-health-harm>
  - National Sleep Foundation: <https://scitechconnect.elsevier.com/foundations-of-sleep-health/>
  - Sleep conference: <https://www.medscape.com/viewarticle/975669>
- 2022 **Hair product use and uterine cancer**
- CNN: <https://www.cnn.com/2022/11/25/health/racial-inequities-sleep/index.html>
  - CNN: <https://www.cnn.com/2022/10/18/health/hair-straightening-products-uterine-cancer-study/index.html>
  - CBS: <https://www.cbs58.com/news/hair-straightening-chemical-products-linked-to-increased-uterine-cancer-risk-in-new-study>
  - Fox: <https://www.fox13memphis.com/news/local/nih-study-find-hair-straightening-chemicals-linked-higher-risk-uterine-cancer/A3ZLCMZDOZHARB62ZM6DEYYDSA/>
- 2021 **COVID-19 Pandemic**

- American Heart Association: <https://www.heart.org/en/news/2021/03/17/how-to-get-better-sleep-amid-the-pandemic-and-why-you-should>
- <https://bunewsservice.com/covid-19-exacerbates-disparities-in-diabetes-risk-factors-in-massachusetts/>
- <https://www.cnn.com/2020/10/27/health/insomnia-sleep-problems-pandemic-wellness/index.html>
- [https://www.phillytrib.com/news/health/coronavirus/how-the-coronavirus-pandemic-is-contributing-to-your-insomnia/article\\_2e5d9944-3840-559d-a0fe-6a578cec112c.html](https://www.phillytrib.com/news/health/coronavirus/how-the-coronavirus-pandemic-is-contributing-to-your-insomnia/article_2e5d9944-3840-559d-a0fe-6a578cec112c.html)
- [https://www.phillytrib.com/news/health/how-the-pandemic-is-contributing-to-your-insomnia/article\\_b738e2e2-182a-5658-99f3-8e8c339049e7.html](https://www.phillytrib.com/news/health/how-the-pandemic-is-contributing-to-your-insomnia/article_b738e2e2-182a-5658-99f3-8e8c339049e7.html)

### **Structural Racism**

- American Heart Association: <https://www.heart.org/en/news/2021/04/15/the-link-between-structural-racism-high-blood-pressure-and-black-peoples-health>
- <https://consumer.healthday.com/aha-news-the-link-between-structural-racism-high-blood-pressure-and-black-peoples-health-2652593870.html>
- <https://www.usnews.com/news/health-news/articles/2021-04-15/aha-news-the-link-between-structural-racism-high-blood-pressure-and-black-peoples-health>

### **Sleep health or sleep disparities; diabetes; hypertension**

- US News & World Report: <https://www.usnews.com/news/health-news/articles/2021-04-15/aha-news-the-link-between-structural-racism-high-blood-pressure-and-black-peoples-health>
- Physician's Weekly: <https://www.physiciansweekly.com/examining-the-association-between-poor-sleep-and-chronic-kidney-disease>
- <https://www.healio.com/news/endocrinology/20150818/endocrine-effects-of-sleep-loss-go-beyond-exhaustion>

### 2020 **Sleep health or sleep disparities**

- CNN: <https://www.cnn.com/2020/10/27/health/insomnia-sleep-problems-pandemic-wellness/index.html>
- Canvas 8: <https://www.canvas8.com/content/2020/12/14/nap-ministry.html>

### 2019 **Artificial Light at Night During Sleep and Obesity Risk (spearheaded by Dr. Yong-Moon Mark Park)**

- Forbes: <https://www.forbes.com/sites/brucelee/2019/06/11/can-sleeping-with-the-tv-on-really-lead-to-weight-gain/?sh=37c5a6b424d4>
- Fox: <https://www.fox2detroit.com/news/sleeping-with-tv-on-at-night-associated-with-weight-gain-in-women-study-says> and <https://www.fox13memphis.com/news/trending-now/sleeping-with-the-tv-on-could-cause-weight-gain-obesity-in-women-study-finds/957309269/>
- Chicago Health: <https://chicagohealthonline.com/sleeping-with-artificial-light-at-night-associated-with-weight-gain-in-women/>

- NIH: <https://www.nih.gov/news-events/nih-research-matters/artificial-light-during-sleep-linked-obesity>
- Honey Coach: <https://coach.nine.com.au/lifecoach/artificial-light-and-night-weight-gain/a8797795-6720-4985-b92a-579b2d9f5fbf>
- Science News: <http://www.sci-news.com/medicine/artificial-light-sleeping-obesity-women-07279.html>
- Gentside: [https://www.gentside.co.uk/health/study-shows-sleeping-with-the-television-on-could-promote-weight-gain\\_art7052.html](https://www.gentside.co.uk/health/study-shows-sleeping-with-the-television-on-could-promote-weight-gain_art7052.html)
- Popsugar: <https://www.popsugar.com/fitness/Does-Sleeping-Lights-Make-You-Gain-Weight-46364160>
- Mattress Clarity: <https://www.mattressclarity.com/news/scientists-artificial-light-night-lead-weight-gain-women/>
- Business Daily Africa: <https://www.businessdailyafrica.com/bd/lifestyle/health-fitness/how-light-increases-women-s-obesity-risk-2255946>

### **Research in the popular news media while a postdoctoral fellow**

#### 2016 **Obesity**

- Obesity: <https://www.hsph.harvard.edu/news/press-releases/overweight-obesity-mortality-risk/>

#### 2015 **Disparities in Alcohol-Mortality Relationship**

- US News & World Report: <https://www.usnews.com/news/blogs/determine/2015/01/06/6-americans-die-every-day-from-alcohol-poisoning>
- Harvard SPH: <https://www.hsph.harvard.edu/news/press-releases/blacks-may-not-receive-same-health-benefits-from-moderate-alcohol-drinking-as-whites/>
- (2016) Healio: <https://www.healio.com/news/primary-care/20160628/alcohol-drinking-patterns-race-sex-affect-sleep-duration>

#### 2014 **Disparities in Sleep by Employment Industry**

- Sleep Disparities (2014): <https://www.nytimes.com/2014/01/13/opinion/uncovering-racial-disparities-in-sleep-health.html>
- (2013) USA Today: <https://www.usatoday.com/story/news/nation/2013/09/10/black-professional-sleep/2794029/>
- CBS News Boston: <https://boston.cbslocal.com/2013/09/09/study-black-professionals-more-sleep-deprived-than-white-colleagues/>
- (2013) Harvard SPH: <https://www.hsph.harvard.edu/news/press-releases/blacks-in-u-s-may-be-at-higher-risk-for-health-problems-from-insufficient-sleep/>
- (2013) Harvard Gazette: <https://news.harvard.edu/gazette/story/newsplus/blacks-in-u-s-may-be-at-higher-risk-for-health-problems-from-insufficient-sleep/>
- The Harvard Crimson: <https://www.thecrimson.com/article/2013/9/19/african-americans-sleep-science/>
- CBS News: <https://www.cbsnews.com/news/study-black-people-more-likely-to-get-worse-nights-sleep/>
- Science Daily: <https://www.sciencedaily.com/releases/2013/09/130909172054.htm>
- MedicineNet: <https://www.medicinenet.com/script/main/art.asp?articlekey=173423>

- (2016) BlackEnterprise: <https://www.blackenterprise.com/black-professionals-sleep-less-than-whites/>
- (2013) NewsDay: <https://www.newsday.com/news/health/black-americans-at-raised-risk-of-insufficient-sleep-study-finds-1.6039845>
- (2013) IB Times: <https://www.ibtimes.com/sleep-problems-more-likely-strike-african-americans-whites-study-1403804>
- Newsone: <https://newsone.com/2856540/african-american-sleep-patterns/>

### 2013 **Impact of Obesity**

- Scientific American: <https://www.scientificamerican.com/article/weighing-the-evidence-studies-collide-over-obesity-risk/>
- Healio: [https://www.healio.com/news/cardiology/20131113/ct1113thomsen\\_10\\_3928\\_1081\\_597x\\_20131101\\_08\\_1319485](https://www.healio.com/news/cardiology/20131113/ct1113thomsen_10_3928_1081_597x_20131101_08_1319485)
- (2014) Harvard SPH: <https://www.health.harvard.edu/diabetes/news-briefs-philosophy-shift-on-the-risks-of-being-overweight>

### 2013 **BMI is of Paramount Importance**

- Bloomberg News: <https://www.bloomberg.com/news/articles/2013-11-11/obesity-without-other-risks-may-lead-to-heart-attack>
- Forbes: <https://www.forbes.com/sites/geoffreykabat/2013/11/19/maintaining-a-healthy-body-weight-is-key-to-a-healthy-body/?sh=7ef70ce93f51>

### 2012 **BMI-Mortality Relationship by Diabetes Status**

- Healio: <https://www.healio.com/news/endocrinology/20120926/elevated-bmi-poses-lower-mortality-risk-for-blacks-than-whites>
- (2013) News Medical Life Science: <https://www.news-medical.net/amp/news/20130812/Weight-and-mortality-relationship-appears-to-be-stronger-in-adults-without-diabetes.aspx>
- (2013) Healio: [https://www.healio.com/news/endocrinology/20130814/et0813jackson\\_10\\_3928\\_1081\\_597x\\_20130801\\_12\\_1305333](https://www.healio.com/news/endocrinology/20130814/et0813jackson_10_3928_1081_597x_20130801_12_1305333)

### 2009 **Student profile**

- US News & World Report: <https://www.usnews.com/education/articles/2009/04/22/student-profile-going-to-med-school-to-make-a-difference>

### **Community/University/Government recognition while on the tenure track**

- 2022 Grant Reviewer for P30 Pilot Research Projects, Transdisciplinary Center on Early Environmental Exposures, Icahn School of Medicine at Mount Sinai
- 2021 Outside Activity, Invited Keynote Speaker, Presentation title: Structural Racism as the Fundamental Determinant of Racial/Ethnic Health Disparities Meeting: Reducing Health Disparities Across the Lifespan Conference Across the Lifespan Conference. 3<sup>rd</sup> Annual Day in the Lifespan Conference. University of

- Pittsburgh Clinical and Translational Science Institute, Philadelphia, Pennsylvania (virtual). May 14, 2021
- 2021 Outside Activity, Invited Speaker, Presentation title: Understanding and Addressing Structural Racism and Health Inequities: The 'Sleep Exposome Across the Life course' Example  
Meeting: 'Racism, Disparities, and Environmental Health' colloquium series. Harvard T.H. Chan School of Public Health. Virtual. March 10, 2021
- 2021 NIEHS special act award, Excellence in developing a tenure track research program
- 2020 NIEHS special act award, National Institute of Environmental Health Sciences, All-Hands Racism Discussion
- 2019, 2020 Mentor of the Year award nomination, National Institute of Environmental Health Sciences
- 2018 Mistress of Ceremony, Brown Scholars Luncheon, Johns Hopkins School of Public Health
- 2017 40 under 40 Award, Bethune-Cookman University

**Community/University/Government recognition before tenure track position**

- 2015 Y2Y Harvard Square - Youth Adults Uniting to end Homelessness, Served breakfast to youth
- 2014 From Harvard Square to the Oval Office, Women in Public Policy, Harvard Kennedy School
- 2014 Community Grant Reviewer for Boston Public Health Commission, Community Health Center Demonstration Project Proposal Evaluation
- 2011 Community Grant Reviewer for Johns Hopkins Urban Health Institute, Academic-Community Partnership Small Grants Program
- 2011 Invited Evaluator of 5-year strategic plan, Johns Hopkins Urban Health Institute
- 2011 WYPR (88.1FM) radio, promotion for 'Diabetes Rally Week' with Associate Director of American Diabetes Association (Maryland Chapter)
- 2011 "Everyday Heroes" Feature, Baltimore City Council President's Newsletter, Baltimore City Council President
- 2011 Community Partner Feature for Small Grant, Urban Health Newsletter, Johns Hopkins Urban Health Institute
- 2009, 2011 Facilitator, Legislative Black Caucus of Maryland Conference
- 2010-2012 Board Member, Environmental Justice Partnership, Incorporated (non-profit organization)
- 2010 Presenter, Brown Capitol Management, Board Presentation (invited by Mr. Eddie Brown)
- 2009 Presenter, LEADership Program presentation, Greater Baltimore Committee
- 2009 Participant, Lobbying Maryland General Assembly for increased Higher Education funding
- 2009 Alumni Presenter, Careers in Science presentation at Bethune-Cookman University
- 2009 Bill Signing Ceremony in Maryland State House, 3 bills signed into law, Maryland House of Representatives
- 2009 Feature Graduate Student, *U.S. News & World Report* Magazine
- 2009 Feature Graduate Student, Association Schools of Public Health
- 2008 Presenter, Health Advisory Board Presentation, Johns Hopkins School of Public Health
- 2008-2010 Intern, American Diabetes Association, Youth Obesity Prevention Program
- 2007-2012 Board Member, Student Outreach Resource Center, Johns Hopkins Medical Institution
- 2005 Member-at-Large, Baltimore City Youth Commission (declined to attend Harvard)