

## 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	<b>Alonzo Smythe Yerby Postdoctoral Fellowship</b>	Nutrition/ Epidemiology	Harvard T.H. Chan School of Public Health
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- 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	<b>Earl Stadtman Investigator</b> (tenure-track), Epidemiology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, NC
2017-date	<b>Adjunct Investigator</b> , Intramural Research Program, National Institute of Minority Health and Health Disparities, Bethesda, MD
2017-date	<b>Adjunct Assistant Professor</b> , Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC
2017-date	<b>Associate Scientist</b> , Department of Medicine, Brigham & Women's Hospital, Boston, MA
2014-2016	<b>Research Associate</b> , Population Health Research Program, Harvard Catalyst   Clinical and Translational Science Center (Harvard Medical School), Boston, MA
2014-2016	<b>Research Associate</b> , Epidemiology Department, Harvard T.H. Chan School of Public Health, Boston, MA

### Certifications

2009	<b>Certificate in Health Disparities and Health Inequalities</b> Johns Hopkins' Center for Health Disparities Solutions Department of Health Policy and Management
2009	<b>Certificate in Community-based Public Health</b> Johns Hopkins Bloomberg School of Public Health Department of Health, Behavior, and Society

### Other Professional Positions

11/2018-date	<b>JPB Environmental Health Fellow, Harvard T.H. Chan School of Public Health, Boston, MA.</b> <ul style="list-style-type: none"><li>- 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.</li></ul>
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- 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 policy-makers
- 6/2008-8/2008 **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

2019	<b>Presidential Early Career Award for Scientists and Engineers</b>	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	<b>Ernest J. Everett Just Lecture Prize Symposium</b>	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	<b>Marco Cabrera Poster Award</b>	National Institute of Diabetes and Digestive and Kidney Disease – Network of Minority Research Investigators	Poster presentation winner for translational research
2014	<b>Outstanding Fellows Award</b>	Harvard T.H. Chan School of Public Health	Cardiovascular Epidemiology Forum presentation winner
2013	<b>First Place Novartis Institutes for Biomedical Research Postdoctoral Award</b>	Harvard Medical School	New England Science Symposium poster presentation winner
2011	<b>Miriam E. Brailey Award</b>	Johns Hopkins Bloomberg School of Public Health	Epidemiology Department award to support graduate training and research in epidemiology
2009	<b>Charlotte Silverman Award</b>	Johns Hopkins Bloomberg School of Public Health	Epidemiology Department award for outstanding commitment to public health, policy, and community outreach
2008	<b>Dr. and Mrs. Roscoe M. Moore, Jr. Award</b>	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	<b>Edmond J. Curley Memorial Scholarship Award</b>	Harvard University	Promising graduate student

2003	<b>T.A. Adams Award for Pre-Medicine</b>	Bethune-Cookman University	Academic excellence in biology
2002	<b>Joseph E. Taylor Memorial Scholarship Book Fund</b>	Bethune-Cookman University	Academic excellence

**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**

2021      Invited Keynote Speaker, Presentation title: Differential Adverse Exposure Burden across the Life Course as Contributors to Health Disparities. Meeting: Disparities across the Lifespan Conference. University of Pittsburgh Clinical and Translational Science Institute, Philadelphia, Pennsylvania (virtual). Scheduled for May 14, 2021

Invited Grand Rounds Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Pulmonary, Allergy, and Critical Care Division, Department of Medicine, University of Pittsburgh. Virtual. Scheduled for 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. Scheduled for 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. Scheduled for August 29, 2020 **\*1 of 7 annual selections from nomination to 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. Scheduled for 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

2020 Invited Speaker, National Institutes of Health Coping with COVID-19 Livestream: Sleep and Health, August 14, 2020

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

2021 Invited Speaker, Presentation title: Year-in-Review of Sleep Health Disparities Research. Postgraduate Course. Meeting: 35<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, LLC. Virtual. June 12-16, 2021

Invited Speaker, Presentation title: Disparities in Maternal Health. Meeting: National Library of Medicine. Virtual. Scheduled for April 20, 2021

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Center for Sleep and Circadian Science, University of Pittsburgh. Virtual. Scheduled for April 15, 2021

Invited Speaker, Presentation title: The Nature of Environmental Health Inequities. 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. Scheduled for March 22, 2021

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Yale University Sleep Center. Virtual. Scheduled for March 17, 2021

Invited Speaker, Presentation title: Social and Environmental Determinants of Sleep Health and Sleep Health Disparities. Meeting: Columbia University Sleep Center. Virtual. Scheduled for March 15, 2021

Invited Speaker, Presentation title: From Cells to Communities: Practical Applications of the Exposome to Address Structural Racism and Health Disparities - The Sleep Environment Example. Meeting: 'Racism, Disparities, and Environmental Health' colloquium series. Harvard T.H. Chan School of Public Health. Virtual. Scheduled for March 10, 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; **\*Congressionally-mandated meeting**

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 Mc 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

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 Chef and Policy-maker), 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**

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**

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. Scheduled for 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

### **Peer-Reviewed Publications (Underlined name = Student/Advisee)**

<https://www.ncbi.nlm.nih.gov/sites/myncbi/chandra.jackson.2/bibliography/51809217/public/?sort=date&direction=ascending>

#### **Invited Reviews**

1. Gaston SA, Birnbaum LS, **Jackson CL**. Synthetic Chemicals and Cardiometabolic Health across the Life Course among Vulnerable Populations: A Review of the Literature from 2018 to 2019. *Current Environmental Health Reports*. 2020 Mar;7(1):30-47. doi: 10.1007/s40572-020-00265-6. [PMID: 32037478]. **\*Special Issue**
2. **Jackson CL**, Powell-Wiley TM, Gaston SA, Andrews MR, Tamura K, Ramos A. Racial/Ethnic Disparities in Sleep Health and Potential Interventions among Women in the United States. *Journal of Women's Health*. 2020 Feb 25. doi: 10.1089/jwh.2020.8329. [PMID: 32096683]. **\*Special Issue**
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#### Original Reports

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#### **Commentaries/Letters to the Editor/Perspectives**

67. **Jackson CL**, Johnson DA. Sleep disparities in the era of the COVID-19 pandemic highlight the urgent need to address social determinants of health. *Journal of Clinical Sleep Medicine*. 2020 Aug 15;16(8):1401-1402. doi: 10.5664/jcsm.8570. [PMID: 32400388]
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#### **Invited Book review**

71. **Jackson CL**. Book Review for *Wild Nights: How Taming Sleep Created Our Restless World*. *Sleep Health: Journal of the National Sleep Foundation*. 3 (2017) 75-76

#### **Non-peer reviewed publication**

72. Jackson CJ, **Jackson CL**. Podcast Interview Transcript: Development of a Theater-Based Nutrition and Physical Activity Intervention for Low-Income, Urban African American Adolescents. *Progress in Community Health Partnerships*. Summer 2010. 4 (2): 99-104.

#### **Book Chapters**

73. **Jackson CL**. Applying Technology to Better Understand Sleep Health Disparities. In: Kushida, CA, editor. *Encyclopedia of Sleep and Circadian Rhythms*. 2<sup>nd</sup> edition: Academic Press (Elsevier): 2020. In preparation.
74. **Jackson CL**. Determinants and Health Consequences of Sleep Health Disparities. In: National Sleep Foundation, editor. *Foundations of Sleep Health Textbook*. 1st: Academic Press (Elsevier): 2020
75. **Jackson CL**, Gaston SA. Environmental Determinants of Sleep. In: Grandner M, editor. *Sleep Health*. 1<sup>st</sup>. Academic Press (Elsevier): 2019

76. Lee S, **Jackson CL**, Robbins R, Buxton OM. The Work-Sleep Relationship. In: Grandner M, editor. *Sleep Health*. 1<sup>st</sup>. Academic Press (Elsevier): 2019
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**Manuscripts (revisions; under review; or in preparation for peer review)**

1. Nwanaji-Enwerem JC, **Jackson CL**, Ottinger MA, Geller AM, Cardenas A, James KA, Malecki KMC, Chen JC, Mitchell UA. Recommendations for the Development of Biomarkers in the Context of Racial Disparities in Environmental Health and Aging: A Call to Action for Advancing Health Equity. *Environmental Health Perspectives* (revisions)
2. 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. (revisions)
3. 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*. \*Co-1<sup>st</sup> authors (revisions)
4. Gaston SA, Atere-Roberts J, Ward J, Slopen NB, Sandler DP, Williams DR, **Jackson CL**. Every day and Major Experiences of Racial/Ethnic Discrimination and Type 2 Diabetes Risk among White, Black, and Hispanic/Latina Women: Findings from the Sister Study. (under review)
5. 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. (revisions)
6. Xu J, Lawrence KG, O'Brien KM, Jackson CL, Sandler DP. Association between neighborhood deprivation and hypertension in the Sister Study: a cross-sectional analysis. (under review)
7. 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. (under review)
8. 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. (under review)
9. O'Brien, KM, Keil, AP, Harmon QE, **Jackson CL**, White AJ, Santana, MD, Taylor, JA, Weinberg CR, Sandler, DP. Vitamin D supplement use and risk of breast cancer by race/ethnicity. (under review)

10. MacNell N, **Jackson CL**, Heaney C. Relation of Repeated Exposures to Air Emissions from Swine Industrial Livestock Operations to Sleep Duration and Awakenings in Nearby Residential Communities. (under review)
11. McWhorter KM, Rojo-Wissar DM, Park CG, D'Alosio AA, Sandler DP, **Jackson CL**. The Traumatic Childhood Experience-Chronic Fatigue Syndrome Relationship is Modified by Distress and Multiple Sleep Dimensions among a Racially/Ethnically Diverse Cohort of Adult Women. (under review)
12. McWhorter KM, Bowers K, Ghulam E, Szczesniak R, Dolan L, Dekka R, **Jackson CL**, Khoury J. 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. *BJOG: an International Journal of Obstetrics & Gynecology*. (under review)
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14. Lunyera J, Park YM, Ward JB, Gaston SA, Bhavsar N, 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. (under review)
15. 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. (in preparation)
16. Gaston SA, McWhorter KM, Rojo-Wissar DM, Park CG, D'Alosio AA, Sandler DP, **Jackson CL**. Traumatic Childhood Experiences and Type 2 Diabetes Risk among White, Blacks, and Hispanic/Latina Women in the Sister Study. (in preparation)
17. Woo JMP, Simanek A, O'Brien KM, Parks C, Gaston SA, Auer P, Konkel RH, **Jackson CL**, Meier M\*, Sandler DP\*. Early-life trauma and incident breast cancer. \*Co-Senior authors (in preparation)
18. Alhasan DM, Lohman MC, Hirsch JA, Miller MC, Cai B, **Jackson CL**. Neighborhood characteristics and the mental health of caregivers co-habitating with care recipients diagnosed with Alzheimer's Disease. (in preparation)
19. Martinez-Miller, EE, Gaston SA, Douglas C, Sandler DP, **Jackson CL**. Sleep disparities among sexual minority women and the intersectionality with race/ethnicity and age: Findings from the Sister Study. (in preparation)
20. Hodgson ME, Arroyave W, Halverson SD, D'Aloisio AA, Jackson CL, Weinberg CR, O'Brien K, White A, Sandler DP. Participant characteristics in NHANES, selected US volunteer cohorts, and the Sister Study: evaluating generalizability. (in preparation)

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

- 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 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 Status. 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.

- **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'Aloisio 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.

### **Professional Societies**

2018-date	Sex and Gender in Health and Disease Scientific Interest Group	Member
2017-date	Health Disparities Interest Group, NIH	Member
2017-date	Chronobiology and Sleep Interest Group, NIH	Member
2014-date	Sleep Research Society	Member
2014-date	Work and Family Researchers Network	Member
2014-2017	American Academy of Sleep Medicine	Member
2014	American Heart Association	Member
2012-2014	The Obesity Society	Member
2012-2014	National Postdoctoral Association	Member
2012	Society for Epidemiologic Research	Member

### **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  
 Environmental Research  
 Epidemiology  
 Ethnicity & Disease  
 Health Education & Behavior  
 International Journal of Environmental Research and Public Health  
 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  
 Nutrients  
 Obesity  
 Occupational and Environmental Medicine  
 PLOS Medicine  
 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  
 Women's Health Issues

### **Editorial Roles**

12/2018-date	<b>Guest Editor for Special Issue (with Dr. Gary Adamkiewicz) on Social and Environmental Determinants of Health Disparities</b>	<i>International Journal of Environmental Research and Public Health</i>
1/2016-date	<b>Editorial Board Member</b>	<i>Sleep Health: Journal of the National Sleep Foundation</i> <i>BMC Public Health</i>
12/2017- 12/2019	<b>Associate Editor</b>	<i>Progress in Community Health Partnerships: Research, Education, and Action</i>
7/2008- 12/2011	<b>Editorial Fellow:</b> - 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	<i>Progress in Community Health Partnerships: Research, Education, and Action</i>

### **Grant Funding Information**

Funding period	2/2018 – 2/2020
Project title	<b>Biomarker Identification for Type 2 Diabetes Mellitus Using Metabolomics</b>
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 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 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

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 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 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 Investigators 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 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 Investigators 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

**Conference Trainings or Honorific Participation:**

- 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

## **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, 2015     **Knowledge & Education Expansion Project Travel Award (n=2)**  
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**

- 2007-2012     **Inaugural C. Sylvia and Eddie C. Brown Community Health Scholarship**  
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
- 2005-2007     **Public Health Training Grant**  
Full tuition at Harvard T.H. Chan School of Public Health
- 1999-2003     **Presidential Scholarship**  
Full tuition/fees, room and board, and books at Bethune-Cookman University

## **Research in the Popular News Media**

- |      |  |  |
|------|--|--|
| 2020 | Sleep health or sleep disparities                          | CNN; Physician's Weekly; Canvas 8  |
| 2019 | Artificial Light at Night During Sleep<br>and Obesity Risk | The Today Show; Good Morning America;<br>CNN; NBC Nightly News with Lester Holt;<br>The New York Times; Forbes; Huffington<br>Post; The Guardian; Harvard Health; Fox;<br>Healio |
| 2015 | Disparities in Alcohol-Mortality Relationship              | US News & World Report; Harvard SPH;<br>Harvard Gazette  |
| 2014 | Disparities in Sleep by Employment Industry                | The New York Times; US News & World<br>Report; USA Today; CBS News Boston;<br>Harvard SPH; Harvard Gazette; Healio   |
| 2013 | Impact of Obesity  | Scientific American  |
| 2013 | BMI is of Paramount Importance                             | Bloomberg News; Forbes   |
| 2012 | BMI-Mortality Relationship by Diabetes Status              | Health Day   |

### **Committee Service to Scientific Field**

3 months	1/2021-4/11/2021	New England Science Symposium, Harvard Medical School Sunday
1 year	1/2019-8/2019	Task Force Member, Sleep Research Society's Reimaging the Sleep Conference
1 day	8/8/2018	Invited Participant, Sleep Research Society's Board of Directors Strategic Planning Workgroup Meeting, Darien, Illinois
1 day	10/2/2019	Moderator, Theme 4: Environmental Epigenomics and Cellular Models of Developmental Origins of Health and Disease. 3 <sup>rd</sup> Annual Meeting of The United States Developmental Origins of Health and Disease Society. Research Triangle Park, North Carolina. October 1, 2018
2 weeks	2017	Subject Matter Expert, Social-Environmental Dialogues for Interdisciplinary Research Planning, Environmental Protection Agency, Research Triangle Park, North Carolina (10/30-11/21/2017)
1 year	2015-2016	Selected Planning Subcommittee Member of the Trainee Education Advisory Committee for the Sleep Research Society, Trainee Symposia Series for SLEEP 2016 annual conference, Denver, Colorado

### **University Committee Service**

2 years	2015-2016	Seminar Series Director, Community Capacity Building Seminars, Harvard Catalyst, Massachusetts Department of Public Health
1 year	2010-2011	Student Representative, Admissions Committee for Epidemiology Department, Johns Hopkins Bloomberg School of Public Health
1 year	2006-2007	Global Chat Coordinator, Seminar Series at Harvard T.H. Chan School of Public Health

### **Government/Institutional Service**

1/2021	Organizing Committee Member, Dr. Kenneth Olden Lecture for Environmental Justice
11/16/2010	Panelist for Career Development, 'Leadership and Education in Academic Research and Networking for Enhancing Diversity' program, Johns Hopkins Bloomberg School of Public Health
10/2020-present	Committee Member, NIEHS Cross-Divisional Environmental Health Disparities
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



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

2014	<b>Race, Ethnicity, and Health</b> Racial/Ethnic Disparities in Sleep Health 25 students	Boston, Massachusetts Northeastern University
2013	<b>Advanced Topics in Obesity Epidemiology and Prevention</b> Practical Skills in Community-Based Participatory Research 20 students	Boston, Massachusetts Harvard T.H. Chan School of Public Health
2012	<b>Advanced Topics in Nutrition</b> Effective PowerPoint Presentation Skills 15 students	Boston, Massachusetts Harvard T.H. Chan School of Public Health
2008,2010,2011	<b>Principles of Epidemiology (Co-Instructor)</b> Approximately 20 Public Health students from across the United States with Dr. Moyses Szklo	Jackson, Mississippi Six-Day course at Jackson Heart Study site
2009, 2012	<b>Advanced Epidemiology Methods II (Co-Instructor)</b> Approximately 20 Public Health students from across the United States with Dr. Moyses Szklo	Jackson, Mississippi Six-Day course at Jackson Heart Study site
2010, 2011	<b>Introduction to Diabetes and Obesity</b> 45 students	Baltimore, Maryland

**Postdoctoral Trainees**

<b>Start/End date</b>	<b>Name</b>	<b>Research area</b>	<b>Current position</b>
February 21, 2017- December 7, 2018	<b>Ketrell McWhorter,</b> <b>PhD, MBA</b>	Perinatal Health and Health Disparities (e.g., Diabetes)	Tenure-Track Assistant Professor, Ashbury University
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 regarding developmental origins of health and disease (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> </ul>			
August 8, 2017 - present	<b>Symielle Gaston,</b> <b>PhD, MPH</b>	Behavioral and Lifestyle Mediators of Cardiovascular Health Disparities	Research Associate
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>- 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>- 2019 Fellows Award for Research Excellence; topic – personal care products and health</li> <li>- Promoted to Research Associate</li> </ul>			
April 7, 2020- present	<b>Dana Alhasan,</b> <b>PhD, MPH</b>	Neighborhood Characteristics and Cognition Disparities	IRTA Postdoctoral Fellow
- 2019 William G. Coleman Minority Health and Health Disparities Research Innovation Award			

September 8, 2020 -present	<b>Patrice Williams, PhD, MPH</b>	Urban Planning; Physical and Social Environments effect on sleep health	IRTA Postdoctoral Fellow
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### Medical Research Visiting Fellow, NIEHS

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

### Pre-doctoral Trainee

Year	Name	Institution	Major	Role	Topic	Current position
2017	<b>Nat MacNell</b>	University of North Carolina at Chapel Hill	PhD student, Epidemiology	Dissertation committee member	Environmental exposures and sleep health disparities	Social & Scientific Systems, Inc.

### Post-baccalaureate Trainees

Year	Name	Institution	Major	Role	Topic	Current position
2020-	<b>Nyree Riley</b>	University of Georgia	Environmental Health Science	Research Mentor	Traumatic Childhood Experiences and Diabetes Risk	Postbaccalaureate trainee in my research group
2020-	<b>Lauren Gullett</b>	University of North Carolina at Chapel Hill	Neuroscience	Research Mentor	Neighborhood social cohesion and psychological distress	Postbaccalaureate trainee in my research group

### NIEHS Scholars Connect Program Fellow

Year	Name	Institution	Major
2018-2019 (academic year)	<b>Samuel Goldstein</b>	University of North Carolina at Chapel Hill <ul style="list-style-type: none"> <li>Honorable mention 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 - The State of North Carolina Undergraduate Research and Creativity Symposium</li> </ul>	Undergraduate student, Environmental Health Engineering

### Summer Students

Year	Name	Institution (at the time of training)	Major
2017	Mai-Han Trinh	University of Maryland Baltimore County	Biostatistics
2017	Orlando Davy, BS	Saint Louis University	Biostatistics
2018	Kacey Fang	Yale University <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</li> </ul>	Cognitive Sciences
2018	Marque Long	Morehouse College	Biology
2018	Micaela Gladney	Columbia University	Sociomedical Sciences
2019	Joelle Atere-Roberts	University of North Carolina at Chapel Hill <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>	Epidemiology
2019	Olawunmi Winful	Vanderbilt University	Cultural Anthropology
2019	Rodney Jones	Pennsylvania State University	Neuroscience
2020	*The NIH summer internship program was cancelled due to the coronavirus pandemic		

### Special Volunteers

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

### **NIH Mentee Demographics:**

Females (n=8); Males (n=6)

For US citizens and permanent residents: African American/Black (n=9), Asian/Pacific Islander (n=2), American Indian/Native American (n=0), European American/White (n=2), Hispanic/Latino (n=1)

Foreign nationals (on visas) (n=0)

### [Prior to National Institutes of Health position] Supervised or Academically Advised Undergraduate Students

#### 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

2014	Kristiana Deleo Alex Cohen Lorena Lyon Elena McCormick Scott Evans Heidi Nocka
2014	<i>Capstone Advisor for Northeastern University Undergraduate Students</i> Lisa Bartucca Maureen Nothnagle <i>Other Student Advising or Supervising</i>
2015- 2013-2015	Johnathon Wyatt Koma – University of Pittsburgh Undergraduate Student (summer at Harvard) 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

### **Community Grant Review Activities**

2014	Community Health Center Demonstration Project Proposal Evaluation	Reviewer for Boston Public Health Commission
2011	Academic-Community Partnership Small Grants Program	Reviewer for Johns Hopkins Urban Health Institute

### **Community Activities**

2018	Mistress of Ceremony, Brown Scholars Luncheon, Johns Hopkins School of Public Health
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
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)
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
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)

### **Community/University/Government Recognition**

2019, 2020	Mentor of the Year award nomination	National Institute of Environmental Health Sciences
2017	40 under 40 Award	Bethune-Cookman University
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	Bill Signing Ceremony in Maryland State House, 3 bills signed into law	Maryland House of Representatives
2009	Feature Graduate Student	<i>U.S. News &amp; World Report</i> Magazine
2009	Feature Graduate Student	Association Schools of Public Health