
BIOGRAPHICAL SKETCH

NAME Chandra L. Jackson		POSITION TITLE Research Associate/Population Health and Evaluation Specialist	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing; include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Bethune-Cookman University, Daytona Beach FL	BS	06/03	Biology
Harvard University, Cambridge MA	MS	06/07	Epidemiology
Johns Hopkins University, Baltimore MD	PhD	05/12	Epidemiology
Harvard University, Cambridge MA	Postdoctoral fellow	06/14	Epidemiology/Nutrition

A. Personal Statement

As an Epidemiologist and Population Health and Evaluation Specialist at the Harvard Catalyst Clinical and Translational Science Center, my main responsibilities include developing research and evaluation proposals related to community-engaged translational research. I also serve as Principal Investigator of a mixed methods health disparities research project. I have experience as a Core Evaluation Member of the CDC-funded Racial/Ethnic Approaches to Community Health (REACH) Demonstration Project to address obesity and hypertension disparities in Boston. I have also evaluated an environmental stewardship summer program for 8th graders with funding from the Environmental Protection Agency. Additionally, I have worked on city-wide initiative to address obesity and hypertension disparities in Baltimore, which culminated into my recommendations being presented directly to the Mayor of Baltimore and her administration.

With certificates in both Community-based Public Health as well as Health Disparities and Health Inequalities, I am investigating dietary and lifestyle factors (e.g. sleep) as major modifiable contributors to racial/ethnic and socioeconomic disparities in chronic disease. My research, to date, has revealed novel areas for further inquiry and the need to identify social determinants of the complex racial/ethnic and socioeconomic disparities in the work-sleep relationship. This research has been presented at national scientific conferences and published in both academic journals (e.g. *JAMA Internal Medicine*; *American Journal of Epidemiology*) as well as major media outlets (e.g. *The New York Times*). I am, ultimately, interested in translating epidemiologic evidence into policies and practices that improve population health and address health disparities.

B. Positions and Honors (selected)

06/2014- present **Research Associate/Population Health and Evaluation Specialist**, Harvard Catalyst |
The Clinical and Translational Science Center

- Developing research and evaluation proposals
- Providing technical assistance to facilitate the translation of evidence in policies/practices
- Principal Investigator for sleep disparities projects

07/2012– 06/2014 **Alonzo Smythe Yerby Postdoctoral Research Fellow**, Harvard School of Public Health,

- Core Evaluation Member of the CDC-funded Boston Racial/Ethnic Approaches to Community Health (REACH) Obesity and Hypertension Demonstration Project to address current disparities

Awards:

2014 OUTSTANDING FELLOWS AWARD – Harvard School of Public Health, Cardiovascular Epidemiology Program

2013 FIRST PLACE NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH POSTDOCTORAL AWARD – Harvard Medical School's New England Science Symposium

- 2011 MIRIAM E. BRAILEY AWARD – Johns Hopkins Bloomberg School of Public Health, Epidemiology Department award for researchers committed to underserved populations.
- 2009 CHARLOTTE SILVERMAN AWARD – Johns Hopkins Bloomberg School of Public Health, Epidemiology Department award for outstanding commitment to public health, policy and community outreach.
- 2009 Certificate in Health Disparities and Health Inequalities, Department of Health Policy and Management, Johns Hopkins' Center for Health Disparities Solutions, The Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
- 2009 Certificate in Community-based Public Health, Department of Health, Behavior and Society, The Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
- 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 future promise in the field of public health.
- 2005,2006 EDMOND J. CURLEY MEMORIAL SCHOLARSHIP AWARD – Harvard University award for a promising graduate student.
- 2003 T.A. ADAMS AWARD FOR PRE-MEDICINE – Bethune-Cookman University award for academic excellence in biology.

Honors (selected):

- 2014 Sleep research mentioned in following media outlets: The New York Times; US News & World Report; USA Today; CBS News Boston; Harvard School of Public Health; Harvard Gazette
- 2014 Journal reviewer: New England Journal of Medicine; Sleep; Sleep Medicine; Sleep Health
- 2014 Top poster in the Diversity Section, The Obesity Society Annual Conference, Boston, MA
- 2014 Recipient, Sleep Research Society First Time Attendee Travel Award
- 2014 14th Annual NIH Summer Institute on Randomized Behavioral Clinical Trials
- 2013 1 of 3 top posters, Network of Minority Research Investigators Workshop, NIDDK
- 2012 White House Intern, National Economic Council and Domestic Policy Council
- 2011 "Everyday Heroes" Feature, Baltimore City Council President's Newsletter
- 2010 Young Researcher, Meeting of the Nobel Laureates in Lindau, Germany
- 2009 U.S. News & World Report Magazine, Feature Graduate Student

C. Peer-reviewed Publications

1. **Jackson CL**, Emmons K, Redline S. Sleep as a Potential Fundamental Contributor to Cardiovascular Health Disparities. Annual Review of Public Health. (in press)
2. **Jackson CL**, Bolden S, Brancati FL, Batts-Turner ML, Gary TL. A Systematic Review of Interactive Computer-Assisted Technology in Diabetes Care. J Gen Intern Med. 2006 Feb; 21(2):105-10. Epub 2005 Dec 22.
3. Kajeepeta S, Gelaye B, **Jackson CL**, Williams, MA. Adverse Childhood Experiences are Associated with Adult Sleep Disorders: A Systematic Review. Sleep Medicine Review. (in press)
4. Shan Z, Ma H, Xie M, Yan P, Guo Y, Bao W, Rong Y, **Jackson CL**, Hu F, Liu L. Sleep duration and risk of type 2 diabetes: a meta-analysis of prospective studies. Diabetes Care. (in press)
5. Chen X, Wang R, Zee P, Lutsey P, Javaheri S, Alcantara C, **Jackson CL**, Williams MA, Redline S. Racial/ethnic Differences in Sleep Disordered Breathing in Normal Weight, Overweight, and Obesity Adu Sleep. 2014 Nov 20. pii: sp-00459-14.
7. **Jackson CL**, Kawachi I, Redline S, Juon, H, Hu F. Asian-White Differences in Short Sleep Duration by Industry of Employment and Occupation in the US. BMC Public Health. 2014; 14:552.
8. **Jackson CL**, Hu F. Nut consumption, body weight, and obesity. Am J Clin Nutr. 2014 Jun 4; 100(Supplement 1):408S-411S.
9. **Jackson CL**, Stampfer M. A Healthy Body Mass Index is Paramount. JAMA Internal Medicine. 2014 Jan 16; 370(3):233-44.
10. **Jackson CL**, Redline S, Kawachi I, Williams, MA, Hu F. Racial Disparities in Short Sleep Duration by Occupation and Industry. Am J Epidemiol. 2013 Nov 1; 178(9):1442-51.
11. **Jackson CL**, Hsieh-Yeh J, Wang NA, Dray-Spira R, Hu F, Szklo M, Brancati FL. Diabetes, Body-Mass

Index, and All-Cause Mortality in the United States. Journal of General Internal Medicine. 2014 Jan; 29(1):25-33.

12. Tobias DK*, Pan A*, **Jackson CL**, O'Reilly EJ, Ding E, Manson JE, Willett WC, Hu F. Body-Mass Index and Mortality among adults with incident type 2 diabetes: results from two prospective cohort studies in US. N Engl J Med. 2014 Jan 16; 370(3):233-44. * first author
13. **Jackson CL**, Redline S, Kawachi I, Hu F. Association between Sleep Duration and Diabetes in Black and White Adults. Diabetes Care. 2013 Nov; 36(11): 3557-65.
14. **Jackson CL**, Szklo M, Wang NA, Hsieh-Yeh J, Brancati FL. Body Mass Index and Mortality Risk in US Blacks Compared to Whites. Obesity (Silver Spring). Epub 2013 March 30.
15. **Jackson CL**, Hsieh-Yeh J, Wang NA, Dray-Spira R, Thorpe R, Szklo M, Brancati FL. The Black-White Disparity in Obesity Prevalence Trends according to Levels of Educational Attainment in the United States, 1997-2008. Journal of Obesity. Vol. 2013 (2013), Article ID 140743, 9 pages
16. **Jackson CL**, Batts-Turner ML, Falb MD, Hsieh-Yeh J, Brancati FL, Gary TL. Computer and Internet Use among Urban African Americans with Type 2 diabetes. J Urban Health. 2005 Dec; 82(4):575-83. Epub 2005 Oct 12.
17. 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

Non-peer reviewed publications

18. Jackson CJ, **Jackson CL**. Podcast Interview: 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.

D. Selected Research Support

Current

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**
Role Principal Investigator
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 inquiry, or that provide crucial preliminary data for preparing larger grant proposals; Project with identifiable outcomes in terms of linking faculty and scholars across Departments and Schools

Past

Funding period 6/2011 - 6/2012
Project title Student Environmental Development Program Grant
Funding source **Environmental Protection Agency**
Role Collaborator
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