

Michele J. Josey

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Education

University of South Carolina
Arnold School of Public Health, Epidemiology
Ph.D Student
Expected: May 2018

Columbia, SC

The Ohio State University
Master of Science
Statistics
June 2011

Columbus, OH

North Carolina Central University
Bachelor of Science
Mathematics
May 2009

Durham, NC

Research Interests

- Identifying and finding solutions for socio economic and demographic Health Disparities
- Examining effective population interventions
- Social Epidemiology

Honors and Awards

- Behavioral Biomedical Interface Program (BBIP) Training Grant recipient, 2015
- Beginning Teacher of the Month, 2013
- Center for International Understanding Program recipient, India 2013
- Bright Ideas Grant Recipient, 2012 and 2013
- NC Kenan Fellow, 2012
- Graduate Assistant of the Year, OSU Statistics Department, 2011
- Chancellor's Award for Academic Excellence, 2009
- Summa Cum Laude, 2009

Professional Experience

Graduate Research Assistant
Cancer Prevention and Control Program
University of South Carolina
2015 – present

Columbia, SC

- Assist a team of researchers in examining the multilevel systemic determinants of cancer prevention and control activities.
- Provide support in writing article reviews and journal commentaries.
- Provide data analysis for team projects.
- Take lead role in manuscript writing

Research Assistant

Biomedical/Biotechnology Research Institute, Bioinformatics Genomics Computational Chemistry Core
North Carolina Central University
2014 – present

Durham, NC

- Serve as the data analyst on a research team evaluating the epigenetic impact of maternal obesity on child health outcomes
- Collaborate in writing a package for the statistical program *MonoInc*, R

Teaching Experience

Graduate Teaching Assistant
Department of Epidemiology & Biostatistics
University of South Carolina
2016

Columbia, SC

- Create homework assignments and assist in creating course exams.
- Keep records of weekly grades electronically.
- Prepare and deliver a lecture.
- Hold weekly office hours for student support.

Adjunct Professor of Biostatistics
Department of Biology
North Carolina Central University
2014 – 2015

Durham, NC

BIOL 4200: Principles of Biostatistics

- Prepared and presented lectures twice a week to 20 undergraduate students, incorporated statistical software training, developed and graded exam materials and assignments, held weekly office hours for independent or group tutoring sessions or inquiries.

High School International Baccalaureate (IB) Mathematics Teacher
Durham Public Schools,
Hillside High School
2011 – 2014

Durham, NC

- Served as department chair during 2013 – 2014 school year, managed multiple courses during a single year, prepared daily lessons and assignments, tutored students weekly, attended and led professional development sessions, advised extra-curricular activities.

Service

- Participate in student meetings during Faculty search
- USC Group Fitness, Parent's Weekend

Publications

Josey, M. J., & Merchant, A. T. (2016). Low-grade Systemic Inflammation May Increase the Risk of Periodontitis. *The Journal of Evidence-Based Dental Practice*, 16(4), 251–253. Journal Article.
<http://doi.org/10.1016/j.jebdp.2016.11.002>

Merchant, A. T., & Josey, M. J. (2016). Commentary: Periodontal Treatment and Inflammation in Diabetes: Association or Causation? *Journal of Periodontology*, 87(10), 1113–1116. Journal Article.
<http://doi.org/10.1902/jop.2016.160433>

Josey, M.J., Moore, S. (2017 in progress). The influence of the social and built environment: a longitudinal study of a population of urban adults.

Josey, Michele; Mobley, Lee; Schootman, Mario; Probst, Janice; Sercy, Erica; Strayer, Scott; Eberth, Jan. (2017 in progress). Physician Density Measurement and Implications for Colonoscopy Delivery on Cancer Prevention

Conferences and Presentations

Poster Sessions

- Center for Colon Cancer Research. Columbia, SC, January 2016
- American Society of Preventative Oncology. Columbus, OH, March 2016
"Changing trends in practice settings for colonoscopy in SC: implications for colorectal cancer prevention"
- First Annual Cancer Health Disparities Symposium. Charleston, SC, March 2017
"Exploring the Predictive Ability of Physician Density Measures for Endoscopy"
University of South Carolina Discovery Day. Columbia, SC, April 2014. "Exploring the Predictive Ability of Physician Density Measures for Endoscopy"

Skills

- Experience in applied statistical software (R, SAS, STATA)
- Experience navigating Centers for Medicare & Medicaid Services (CMS) data
- Widespread experience using Microsoft Office software and Google Documents