

CURRICULUM VITAE

Vincent Luther Mendy, DrPH, MPH, CPH

Jackson State University
School of Public Health
Department of Epidemiology and Biostatistics

Vincent.l.mendy@jsums.edu

ACADEMIC RECORD

- 2014 Doctor of Public Health Jackson State University
School of Public Health
Formal Concentration: Epidemiology
Dissertation: *The Association between Individual and Combined Measures of Metabolic Syndrome and Chronic Kidney Disease among African Americans: The Jackson Heart Study*
- 2009 Master in Public Health Jackson State University
School of Public Health
Major Area: Epidemiology
Capstone: *Prevalence, Trends and Mortality Rates of Type 2 Diabetes, Mississippi, 1998 – 2007.*
- 2006 Coursework in Biostatistics University of Minnesota
School of Public Health
- 2006 Bachelor of Science Rust College
Division of Science & Mathematics
Major: Mathematics

CONTINUING EDUCATION/PROFESSIONAL DEVELOPMENT

- July 28–August 9, 2013 Fellow, The U.S. Ten Day Seminar on the Epidemiology and Prevention of CVD and Stroke, Tahoe City, California.
- July 2019–June 26, 2020 National Heart, Lung, and Blood Institute (NHLBI) Funded Program to Increase Diversity Among Individuals Engaged in Cardiovascular Health Related Research at SUNY Downstate Health Sciences University.

EMPLOYMENT RECORD

- August 10, 2017–Present Assistant Professor
Jackson State University
School of Public Health
Department of Epidemiology and Biostatistics
- January 2017 –April 2017 Adjunct Visiting Professor
Jackson State University
School of Public Health
Department of Epidemiology and Biostatistics

July 2011–August 8, 2017

Epidemiologist III
Mississippi State Department of Health
The Mississippi Delta Health Collaborative
Jackson, MS

Duties

- Designed surveys for collection of epidemiological data
- Analyzed surveillance data to assess the “ABCS” (Aspirin for those at risk, Blood pressure control, Cholesterol management and Smoking cessation) of heart disease and stroke and related chronic diseases for the Mississippi Delta Region
- Communicated research findings on ABCS of heart disease, stroke and related chronic diseases to health practitioners, state and local policy makers, stakeholders, and the general public
- Supervised the development of the ABCS surveillance system
- Identify data and information which suggest developing patterns of heart disease and stroke in the Mississippi Delta for which general or specific trends and patterns can be discerned, suggesting a need for further investigation
- Consulted with and advised health educators, community health workers, barbers, and local policy makers regarding epidemiological applications of chronic disease research
- Performed geospatial analysis [geographic information systems (GIS)] to document burden, inform policy and program development of heart disease, stroke and other chronic disease in the Mississippi Delta to inform policy.
- Authored articles for publication in program communication news bulletins and peer-reviewed journals

June 2009–June 2011

Special Project Officer II
Mississippi State Department of Health
Office of Health Promotion and Health Equity
Jackson, MS

Duties

- Designed and applied survey tools
- Performed surveys of community and faith-based organizations across the state, to assess community needs and capacity
- Performed needs assessment evaluation of Female Parolees and Probationers across the State of Mississippi to determine factors for reentry and reintegration
- Provided technical assistance in capacity building using communities epidemiological profiles to aid community and faith-based to be competitive in identifying and acquiring funding
- Collected and analyzed statistical data on health disparities, trends and intervention strategies
- Developed and presented technical reports of findings at local and national conferences
- Facilitated the development of health outcomes assessment tools for community/faith-based organizations.
- Facilitated Cultural Competency Training for Mississippi State Department of Health employees

- Facilitated the preparation of grant proposals for renewal of ongoing Office of Minority Health (OMH) funding, for Health Promotion and Health Equity through 2013.
- Reviewed “seed mini-grants” offered to communities and faith-based organizations by Health Promotion and Health Equity
- In charged of data entry into the Performance Data System (PDS) developed by Office of Minority Health for grantees
- Organized and facilitated focus groups and community forums at County level to address health disparities in areas such as infant mortality
- Facilitated and wrote quarterly reports and five-year report to OMH

RESEARCH EXPERIENCE

July 2011–August 2017

Epidemiologist

Mississippi Delta Health Collaborative—reducing morbidity and mortality associated with heart disease and stroke and related chronic diseases in the 18-County Mississippi Delta Region.

PEER REVIEWED PUBLICATIONS

Williams JL, Sharma M, **Mendy VL**, Leggett S, Akil L, Perkins S. Using multi theory model (MTM) of health behavior change to explain intention for initiation and sustenance of the consumption of fruits and vegetables among African American men from barbershops in Mississippi. *Health Promot Perspect*. 2020;10(3):200-206. Published 2020 Jul 12.

Mendy VL, Vargas R, Ogungbe O, Zhang L. Hypertension among Mississippi Workers by Sociodemographic Characteristics and Occupation, Behavioral Risk Factor Surveillance System. *Int J Hypertens*. 2020;2020:2401747.

Mendy VL, Vargas R, Payton M, Sims JN, Zhang L. Trends in the Stroke Death Rate Among Mississippi Adults, 2000–2016. *Prev Chronic Dis* 2019;16:180425.

Mendy VL, Vargas R, Cannon-smith G, Payton M, Enkhmaa B, Zhang L. Food Insecurity and Cardiovascular Disease Risk Factors among Mississippi Adults. *Int J Environ Res Public Health*. 2018;15(9)

Mendy VL, Vargas R, Payton M, Cannon-Smith G. Association Between Consumption of Sugar-Sweetened Beverages and Sociodemographic Characteristics Among Mississippi Adults. *Prev Chronic Dis* 2017;14:170268.

Mendy VL, Vargas R, Zhang L. Aspirin for Prevention of Cardiovascular Disease. *Prev Chronic Dis* 2017;14:170171.

Mendy VL, Vargas R, Cannon-Smith G, Payton M, Byambaa E, Zhang L. Electronic Cigarette Use among Mississippi Adults, 2015. *Journal of Addiction*, vol. 2017, Article ID 5931736, 8 pages, 2017.

Mendy VL, Vargas R, Cannon-Smith G, Payton M. Overweight, Obesity, and Extreme Obesity Among Mississippi Adults, 2001–2010 and 2011–2015. *Prev Chronic Dis* 2017;14:160554.

Mendy VL, Vargas R, Payton M. Trends in mortality rates by subtypes of heart disease in Mississippi, 1980-2013. *BMC Cardiovasc Disord*. 2017;17(1):158.

Mendy VL, Vargas R, El-sadek L, Short VL. Decreasing prevalence of no known major risk factors for cardiovascular disease among Mississippi adults, Mississippi Behavioral Risk Factor Surveillance System, 2001 and 2009. *BMC Public Health*. 2016;16(1):1220.

Mendy VL, Vargas R, El-sadek L. Trends in Heart Disease Mortality among Mississippi Adults over Three Decades, 1980-2013. *PLoS ONE*. 2016;11(8):e0161194.

Mendy VL, Vargas R. Trends in Major Risk Factors for Cardiovascular Disease Among Adults in the Mississippi Delta Region, Mississippi Behavioral Risk Factor Surveillance System, 2001–2010. *Prev Chronic Dis* 2015;12:140481.

Mendy VL, Perryman B, Hawkins J, Dove C. Planning for the strategic recruitment of barbershops for blood pressure screening and referral in the Mississippi Delta region. *Prev Chronic Dis* 2014;11:E126.

Mendy VL, Azevedo MJ, Sarpong DF, et al. The association between individual and combined components of metabolic syndrome and chronic kidney disease among African Americans: the Jackson Heart Study. *PLoS ONE*. 2014;9(7):e101610.

Short VL, Gamble A, **Mendy VL**. Racial differences in ideal cardiovascular health metrics among Mississippi adults, 2009 Mississippi Behavioral Risk Factor Surveillance System. *Prev Chronic Dis*. 2013;10:E194.

Published Abstracts

Mendy VL, Walls T, Cole A, Dove C, Bilbro A. (2015). Preventing Heart Disease, Stroke, and Related Chronic Diseases in the Mississippi Delta Region: Clinical Community Health Worker Initiative. *Circulation*. 2015;131:AP016.

Short V, **Mendy VL**. 2014. A Comparison of Examination-Based and Self-Reported Cardiovascular Health Indicators Using Mississippi Delta Cardiovascular Health Examination Survey Preliminary Data and the Mississippi Behavioral Risk Factor Surveillance System. *Circulation*. 2014;129:AP373.

Mendy VL, Short V, Smith L, Gamble, A. (2012). Disparities in multiple risk factors for heart disease and stroke in the Mississippi Delta, *American Journal of Epidemiology*, (175)(suppl 11): S1-S145.

PUBLIC HEALTH REPORTS

Gamble A, **Mendy VL**, Short V. (2012). Mississippi Chronic Disease Indicators Report, 2012. Available at: <https://msdh.ms.gov/msdhsite/index.cfm/43,6992,91,63,pdf/ChronicDiseaseIndicators2012.pdf>

Jones WJ, Brown LA, Cannon-Smith GA, **Mendy VL**, Ghumare S. (2009). The Impact of Hurricane Katrina on Physician Practices and Health Care Provision in Gulf Coast Mississippi. Available at: http://msdh.ms.gov/msdhsite/_static/resources/3717.pdf

MANUSCRIPTS UNDER REVIEW

Mendy VL, Rowell-Cunsolo T; Bellerose, M; Vargas, R; Zhang, L, MBA4 ; Enkhmaa, B. Temporal trends in Hypertension Death Rate in Mississippi, 2000–2018.

Reviewer

2020, *British Medical Journal*
 2020, *Mayo Clinic Proceedings*
 2019, *Preventing Chronic Disease*
 2018, *American Journal of Public Health*
 2018, *Clinical Obesity*
 2017, *Journal of Health Care for the Poor and Underserved*
 2016, *PLoS ONE*
 2015, *The American Journal of the Medical Sciences*
 2015, *Medicine*
 2014, *PLoS ONE*
 2014, *American Journal of Kidney Disease*
 2014, *The American Journal of the Medical Sciences*
 2014, *Preventing Chronic Disease*
 2013, *American Journal of Public Health*
 2012, *Health Promotion Practice*

Community Service

Plenary II Speaker, 34th Annual Social Work Conference, Mississippi Valley State University, Leflore County Civic Center, April 10, 2014.

In The News

Time Magazine: Mississippi Men Learn About Heart Disease — At the Barber
Medical News Today: GIS map program aimed at increasing hypertension education using barbershops
HealthDay: Barbershops Join Fight Against High Blood Pressure in Black Men
Black Health Matters.com: How Black Barbershops Are Improving Men's Heart Health
Today Topics: Trends in heart risk factors among adults in Mississippi Delta

Webinar

Panelist

NACDD Science, Epidemiology and Evaluation Committee meeting, June 23, 2015

The Mississippi Delta Cardiovascular Health Examination Survey Update: assessing the burden of chronic disease at the regional-level.

Teaching Experience

2016-present Jackson State University

2020

PHS 505	Principles of Epidemiology (Fall)
PHS 523	Chronic and Infectious Disease Epidemiology (Fall)
PHS 713	Advance Biostatistics Lab III—GIS (Fall)
GTEC 806-01	Social Determinants of Population Health (Online) [Fall]

PHS 505	Principles of Epidemiology (Spring)
PHS 712	Advance Biostatistics Lab II—SAS (Spring)

2019	GTEC 807-01	Spatial Statistics for Epidemiological Data (Online) (Fall)
	GTEC 806-01	Social Determinants of Population Health (Online) (Fall)

PHS 505	Principles of Epidemiology (Fall)
PHS 713	Advance Biostatistics Lab III—GIS (Fall)

2018	PHS 505	Principles of Epidemiology (Spring)
	PHS 523	Chronic and Infectious Disease Epidemiology (Spring)
	PHS 712	Advance Biostatistics Lab II—SAS (Spring)

2017	PHS 505	Principles of Epidemiology (Fall)
	PHS 523	Chronic and Infectious Disease Epidemiology (Fall)
	PHS 711	Advance Biostatistics Lab I—SPSS (Fall)
2016	PHS 505	Principles of Epidemiology (Spring)
	PHS 523	Chronic and Infectious Disease Epidemiology (Spring)

Mentoring of Students

Dissertation Committee

Name	Institution	Degree	Project Title
Chigozie Udemgba*†	Jackson State University	DrPH	Assessing Clinical Outcomes Among Adults: The Mississippi Quality Improvement Initiative II
Domonique Hargrave*†	Jackson State University	DrPH	The Association between Kidney Disease and Cardiovascular Disease in Mississippi Adults
Jaelrbreiret L. Williams*†	Jackson State University	DrPH	Using Multi Theory Model (MTM) of Health Behavior change to explain fruits and vegetables consumption among African American men in barbershops in Mississippi.
Sean S. Lenard*†	Jackson State University	DrPH	Factors influencing opioid use and misuse among college students in Mississippi: Strategies for informing public health policy
Rasaki Aranmolate†	Jackson State University	DrPH	The role of visceral adipose tissue in the association of ghrelin and adiponectin multimers with left ventricular mass in African Americans: The Jackson Heart Study
Mary R. Nittala*†	Jackson State University	DrPH	Survival outcomes following treatment for head and neck cancer
Verónica Hernández-Morales†	Jackson State University	DrPH	Development of a Diabetes Type 2 Risk Score for African Americans: Jackson Heart Study
Tamara Stewart†	Jackson State University	DrPH	Housing and case management intervention and HIV health outcomes among persons living with HIV in Jackson Metropolitan area of Mississippi
Vimala Charitha Lingam†	Jackson State University	DrPH	Using the Multi-Theory Model (MTM) for Health Behavior Change to Explain Portion Size Consumption and Eating Out of Home Behaviors among Indian Adults
Amanitare Bailey†	Jackson State University	DrPH	Predicting HPV Vaccination in Black Men: A Utilization of The Multi-Theory Model of Health Behavior Change

*Completed Dissertation;†Committee member

Departmental Service

2018-Present: Lecture series (GIS in Public Health)

2018-Present, Proctor, Graduate Area Comprehensive Exam

2019-Present, Curriculum committee member

GRANTS AND CONTRACTS

Current Research

100-1091654-83591 Mendy (PI) 7/01/2019-6/26/2020
National Heart, Lung, and Blood Institute (NHLBI) Funded Program to Increase Diversity Among Individuals Engaged in Cardiovascular Health Related Research at SUNY Downstate Health Sciences University.
Metabolically Healthy Obese and Incident Cardiovascular Disease Events among African Americans: The Jackson Heart Study.
Funded: \$11,000
Role: PI

Completed Research Support

CDC-RFA-DP16-1612 Sutton (PI) 10/01/2016-09/30/2018
United States Department of Health and Human Services, Centers for Disease Control and Prevention
The Mississippi Delta Collaborative (Delta Health Initiative).
The purpose of this intervention is to reduce morbidity and mortality associated with heart disease and stroke and related chronic diseases in the 18-County Mississippi Delta Region.
Funded: \$6,300,000.0
Role: Epidemiologist

CDC-RFA-DP10-1013 Sutton (PI) 10/01/2010-09/30/2016
United States Department of Health and Human Services, Centers for Disease Control and Prevention
The Mississippi Delta Collaborative (Delta Health Initiative)
The purpose of this intervention is to reduce morbidity and mortality associated with heart disease and stroke and related chronic diseases in the 18-County Mississippi Delta Region.
Funded: \$20,000,000.0
Role: Epidemiologist

PEER REVIEWED PRESENTATIONS

Williams J; Sharma M; **Mendy VL**; Leggett S; Akil L; Perkins S. Instrument validation using multi theory model (MTM) to measure change in fruits and vegetables consumption among African American men. American Public Health Association, October 2020, San Francisco, CA.

Mendy VL; Vargas R; El-sadek, L. Trends in heart disease mortality among Mississippi adults over three decades, 1980-2013. Epidemiology and Prevention Nutrition, Physical Activity and Metabolism 2016 Scientific Sessions/American Heart Association, March 2016, Phoenix, Az.

Mendy VL, Vargas R, El-sadek, Short VL. (2015). Declining prevalence of no known major risk factors for cardiovascular disease among Mississippi adults, Mississippi Behavioral Risk Factor Surveillance System, 2001 and 2009, 48th Society for Epidemiologic Research, June 2015. Denver CO.

Walls T, Bilbro A, Dove C, **Mendy VL**. (2015). Clinical Community Health Worker initiative: Improving Health Outcomes with a Team-based approach, 48th Society for Epidemiologic Research, June 2015. Denver CO.

Mendy VL, Walls T, Cole A, Dove C, Bilbro A. (2015). Preventing Heart Disease, Stroke and Related Chronic Diseases in the Mississippi Delta Region: Clinical Community Health Worker Initiative. Epidemiology and Prevention and Lifestyle and Cardiometabolic Health/American Heart Association annual conference, March 2015, Baltimore, MD.

Short VL, Walls T, Smith L, **Mendy VL**. (2014). Estimated Performance Levels for ABCS (Aspirin Therapy, Glucose and Blood Pressure Control, Cholesterol Management, and Smoking) Measures to Prevent Cardiovascular Disease in the Mississippi Delta. The National Institute on Minority Health and Health Disparities Grantees' Conference, National Harbor, Maryland.

Mendy VL, Vargas R. (2014). Trends in Major Risk Factors for Cardiovascular Disease Among Adults in the Mississippi Delta Region, 2001 – 2010. Council of State and Territorial Epidemiologists Annual Conference in Nashville, TN.

Mendy VL, Hawkins J, Dove C. (2014). Partnering with Mayoral Health Councils to Increase Exposure to Smoke-Free Air, Access to Healthy Food Options and Physical Activity Resources in the Mississippi Delta Region. Council of State and Territorial Epidemiologists Annual Conference in Nashville, TN.

Short VL, Walls T, Smith L, **Mendy VL**. (2014). Assessing racial differences in the prevalence, awareness, and control of diabetes among adults in the Mississippi Delta. Council of State and Territorial Epidemiologists Annual Conference in Nashville, TN.

Short VL, **Mendy, VL** (2014). Status of Cardiovascular Health in Mississippi Delta Adults. Society for Epidemiologic Research (SER) Meeting in Seattle, Washington.

Walls T, **Mendy V**, Smith L, Short V. (2014). Racial disparities in cardiovascular health in the Mississippi Delta. 2014 Xavier University Health Disparities Conference, New Orleans, LA.

Short V, **Mendy VL**. (2014). A Comparison of Examination-Based and Self-Reported Cardiovascular Health Indicators Using Mississippi Delta Cardiovascular Health Examination Survey Preliminary Data and the Mississippi Behavioral Risk Factor Surveillance System". American Heart Association's Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism, San Francisco, CA.

Mendy VL, Kurmana S. (2013). Using GIS to Identify Heart Disease, Stroke and Other Chronic Diseases Burden, Inform Policy and Foster Partnership: Mississippi State Department of Health. American Public Health Association, Boston, MA.

Short V, **Mendy VL**. (2013). A Comparison Of Examination-Based and Self-Reported Health Indicators Using Mississippi Delta Cardiovascular Health Examination Survey Preliminary Data and The Mississippi Behavioral Risk Factor Surveillance System. The Council of State and Territorial Epidemiologists, Pasadena, CA.

Mendy VL, Short V; Smith L, Gamble, A. (2012). Disparities in Multiple Risk Factors for Heart Disease and Stroke in the Mississippi Delta. Society for Epidemiologic Research, Minneapolis, MN.

Short V, **Mendy VL**, Smith L. (2012). Racial and Socioeconomic Disparities in Health Conditions, Behaviors and Risk factors Related to Cardiovascular Disease among Mississippi Delta Adults. The Council of State and Territorial Epidemiologists, Omaha, NE.

Mendy VL, Smith L, Gamble, A. (2012). Multiple Risk Factors and Disparities associated with Heart Disease and Stroke among Mississippi Delta Women. American Public Health Association, San Francisco, CA.

Short V, **Mendy VL**, Smith L, Dove C. (2012). Distortion between self-rated health status and poor health indicators among black Mississippi Delta adults: Findings from the Behavioral Risk Factor Surveillance System. American Public Health Association, San Francisco, CA.

Mendy VL, Ekúndayò OT, Al-Fadhli H, Sarpong D. (2011). Interaction of Formal and Informal

Communications during natural Disaster: Lessons from Hurricane Katrina for Emergency Preparedness Policy. American Public Health Association, Washington, DC.

Ekúndayò OT, Brown LA, **Mendy VL**. (2011). Designing a Monitoring and Evaluation Matrix for Programs in Underserved Communities: Lessons from the Mississippi Minority Health Equity and Promotion Program. American Public Health Association, Washington, DC.

Mendy VL, Sung JH, Lee JE. (2011). Association between Days of Care and Hospital Ownership, 2005: Evidence from the National Hospital Discharge Survey. The 8th International Symposium on recent Advances in Environmental Health Research, Jackson State University, Jackson, MS.

Ekúndayò OT, **Mendy VL**, Brown LA. (2010). Perceptions of Racial Discrimination and Health Care Utilization in Mississippi, American Public Health Association, Denver, CO.

Brown LA, Ekúndayò OT, **Mendy VL**. (2010). The effects of Perceptions of Racial Discrimination and Lifestyle on Health Outcomes Health in Mississippi: Is one confounding the other? American Public Health Association, Denver, CO.

Ekúndayò OT, **Mendy VL**, Brown LA. (2010). Perceptions of Racial Discrimination, Mental Health, Health Care Utilization and Health Outcomes in Mississippi: Is there a pathway. American Public Health Association, Denver, CO.

Mendy VL, Cannon-Smith GA, Brown LA. (2010). Paradox of Cultural Competency: Use of social marketing techniques in the “medicalization of granny midwives”. American Public Health Association, Denver CO.

Mendy VL. (2009). Prevalence and Mortality Rates of Type 2 Diabetes Mellitus (D2M): in Mississippi. The RISE Program Extern student presentations, Kennedy Krieger Institute, John Hopkins University.

Mendy VL, Brown LA, Ekúndayò OT, Buckner-Brown J, Tyler B. (2009). Relationship of mental health services utilization with successful re-entry and re-integration into society among female probationers and parolees in Mississippi. American Public Health Association, Philadelphia, PA.

Mendy VL, Brown LA, Jones W, Cannon-Smith GA, Walker T, Ghumare SS. (2009). Hurricane Katrina's impact on racial health disparities in Gulf Coast Mississippi: A multifaceted disaster. American Public Health Association, Philadelphia, PA.

Brown LA, Jones W, Cannon-Smith GA, **Mendy VL**, Walker T, Ghumare SS. (2009). Hurricane Katrina's Impact on Immigrant Rights and Health Services in Gulf Coast Mississippi. American Public Health Association, Philadelphia, PA.

Ekúndayò OT, Williams VP, Alla S, **Mendy VL**, Azevedo MJ. (2009). Relationship of Attitudinal Tolerance to Second Hand Smoking and Support for Tobacco Control/Legislation among a Minority Population. American Public Health Association, Philadelphia, PA.

Ekúndayò OT, Williams VP, Alla S, **Mendy VL**, Azevedo MJ. (2009). Reducing second hand smoke: Focus groups and community forums findings exploring motivating factors for youth tobacco and secondhand smoke. American Public Health Association, Philadelphia, PA.

Ekúndayò OT, Williams VP, Alla S, **Mendy VL**, Azevedo MJ. (2009). Tobacco cessation services, knowledge of effects of tobacco use and second hand smoke policy enforcement: What is the linkage? American Public Health Association, Philadelphia, PA.

Brown LA, Ekúndayò OT, **Mendy VL**, Buckner-Brown J, Tyler B. (2009). Relationship of resources awareness and service utilization with successful reentry and reintegration into society among female probationers and parolees in Mississippi. American Public Health Association, Philadelphia, PA.

Brown LA, Jones W, Cannon-Smith GA, **Mendy VL**, Walker T, Ghumare SS. (2009). Continuing challenges from Hurricane Katrina on health planning and policy development efforts in the Mississippi Gulf Coast: Research and recommendations. American Public Health Association, Philadelphia, PA.

Brown LA, Ekúndayò OT, **Mendy VL**, Walker T. (2009). Identifying areas of Effectiveness in Minority Community Empowerment: An Assessment of The Mississippi Communities in Action (CIA) Workshop Series. American Public Health Association, Philadelphia, PA.

Professional and Conferences/Meetings Attended

- The SouthEast SAS Users Group conference, October 2018, St. Pete Beach, FL.
- Epidemiology and Prevention Nutrition, Physical Activity and Metabolism 2016 Scientific Sessions/American Heart Association, March 2016, Phoenix, Az.
- 48th Society for Epidemiologic Research, June, 2015, Denver, CO.
- Epidemiology and Prevention and Lifestyle and Cardiometabolic Health/American Heart Association annual conference, March 2015, Baltimore, MD.
- National Forum for Heart Disease and Stroke Prevention 12th Annual Meeting, October 2014, Washington, DC.
- The Council of State and Territorial Epidemiologists Annual Conference, June, 2014, Nashville, TN.
- 45th Society for Epidemiologic Research, June, 2012, Minneapolis, MN.
- Epidemiology and Prevention Nutrition, Physical Activity and Metabolism 2012 Scientific Sessions/American Heart Association, March 2012, San Diego, CA.
- American Public Health Association, November, 2011, Washington, DC.
- The 8th International Symposium on recent Advances in Environmental Health Research, September, 2011, Jackson, MS,
- American Public Health Association, November, 2010, Denver, CO.
- American Public Health Association, November, 2009, Philadelphia, PA.

Professional Memberships

- Council of State and Territorial Epidemiologists (CSTE), 2014-present
- National Association of Chronic Disease Directors (NACDD), 2013-present
- Society for Epidemiologic Research (SER), 2012-present
- American Heart Association and American Stroke Association (AHA), 2012-present
- Mississippi Public Health Association (MPHA), 2011-present
- American Public Health Association (APHA), 2008-present

Professional Certification

- Certified in Public Health (CPH), August, 2010-present

Invited Presentations and Seminars

- March 27, 2014. "Cardiovascular disease prevention in 18-county Mississippi Delta region: the Delta Health Collaborative Initiative". School of Health Sciences, Jackson State University.
- March 17, 2014. "Preventing Heart Disease, Stroke and Related Chronic Diseases through "ABCS" Health Screenings: Delta Alliance for Congregational Health (DACH)". Department of Social Work. Mississippi Valley State University.

- September 20, 2019. “Electronic Cigarette Use among Mississippi Adults, 2015”, Undergraduate Training and Education Center, Tougaloo College.

Professional Education and Training Activities

- Mississippi State University—Geospatial Education and Outreach Project
Geosystems Research Institute
 - Introduction to QGIS (September 20-21, 2016)
 - Intermediate QGIS (October 20-21, 2016)
- Children’s Environmental Health Initiative (CEHI)/ the Division for Heart Disease and Stroke Prevention at the National Centers for Disease Control and Prevention (CDC) and the University of Michigan GIS Surveillance Training Project, State Geographic Information Systems (GIS) Surveillance for Heart Disease, Stroke, and other Chronic Disease:
 - Advance Geographic Information Systems (GIS) training, September 15, 2014- October 27, 2014
 - Mapping uncertainty of calculated rates and percentages
 - Hotspot analysis
 - Applied spatial analysis
- Children’s Environmental Health Initiative (CEHI)/ the Division for Heart Disease and Stroke Prevention at the National Centers for Disease Control and Prevention (CDC) and the University of Michigan GIS Surveillance Training Project, State Geographic Information Systems (GIS) Surveillance for Heart Disease, Stroke, and other Chronic Disease:
 - GIS I: Organizing Principles: An Introduction to GIS, Ann Arbor, MI, April 17-19, 2012.
 - GIS II: Data Management: Creation, edition and maintenance of geographic data, Ann Arbor, MI, June 11-13, 2012.
 - GIS III: GIS Analysis Toolset, Ann Arbor, MI, August 20-22, 2012
- Mississippi State University—Geospatial Education and Outreach Project
Geosystems Research Institute
 - ArcGIS Desktop 1: Getting Started with GIS, Pearl, MS, January, 2012
 - ArcGIS Desktop II: Tools and Functionality, Pearl, MS, March, 2012
 - ArcGIS Desktop III: GIS work flows and Analysis, Pearl, MS, April, 2012
- Research Initiative for Student Enhancement (RISE), Externship Training in Clinical Public Health Research, John Hopkins University School of Medicine, Kennedy Krieger Institute, May-June, 2009
- Prevention Research in Mental Health, John Hopkins University-Bloomberg School of Public Health, July 2009
- CRASH-Course in Cultural Competence, Morehouse School of Medicine and Mississippi State Department of Health, Jackson, MS, June 2007

Awards/Honors

- James Pfromer Memorial Scholarship, University of Minnesota, 2006
- Alpha Kappa Mu Honors Society, 2005
- Hearin Scholarship, Rust College, 2004
- Morris Marion Scholarship, Rust College, 2004