

Owen Johnson Dr. P.H., CPH  
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## **EDUCATION**

### **2005**

Doctor of Public Health (Dr. P.H), University of Kentucky, Lexington, Kentucky, Concentrations in Epidemiology, Health Behavior and Biostatistics, Dissertation: "Survival Analysis of Stage II and III Colorectal Cancer Patients who had surgery followed by chemotherapy."

### **1998**

Master of Science (MS) in Applied Economics and Concentration in Economic Development, University of Kentucky, Lexington, Kentucky. Thesis: "Analysis of Kentucky's Economic Development at the County Level: Focused on differences in the rate of development"

### **1995**

Bachelor of Science (BS) in Economics, Fort Valley State, University, Georgia.

## **PROFESSIONAL EXPERIENCE**

08/07 – Present - Professor in Public Health, Health Administration and Health Sciences (PHHAHS), College of Health Sciences Tennessee State University and Faculty in the Education department

- Instructor graduate (Doctoral & Master) courses: Biostatistics, Advance Statistical Analysis, Statistics & Environmental Health
- Instructor undergraduate courses: Biostatistics, Statistics, Health Economics, Research Methods, Trends and Issues in Healthcare, Community (Public Health) Dentistry
- Dissertation committee members for Doctorate (E.D./Ph.D.)
- Capstone/Thesis members for Master (MPH)
- Curriculum/course development - graduate and undergraduate courses - online and traditional face to face
- Council on Education for Public Health (CEPH) Accreditation committees
- Faculty advisor and mentor
- Course developer and instructor for TN@Campus online courses offered through Tennessee Board of Regency (TBR).
- Design and recommend research design/methods for various research interests
- Conducted Health-related research – HIV/AIDS, Cancer prevention/reduction, Health disparity reduction
- Departmental, College, and University committees.
- Community services and outreach programs
- Accreditation experience in a Masters and Doctoral programs
- Collaborative research experience with TSU College of Education and the departments of Speech Pathology & Audiology,

03/07 – 08/07 - Associate Director, Health Economics & Outcomes Research, Aequitas San Diego, California.

- Conduct quantitative analyses
- Build statistical models
- Design/execute patient-reported outcomes
- Patient-based assessments
- Epidemiological studies
- Compile, synthesize, and interpret evidence for health technology assessments.

01/07 – 03/07 - Health Outcomes Analyst – Scan Health Plan, Long Beach, California.

- Design and conduct research on health outcomes related to the Medicare member population.
- Research areas include cardiovascular disease, Cancers, Diabetics, and other chronic diseases.
- Prepare and present reports on the above research.

2005 – 2006 - Post-Doctoral Fellowship: National Institute of Health (NIH) Cancer Control and Prevention Training at Markey Cancer Center and Prevention Research Center, University of Kentucky.

- Research and identify barriers to colorectal cancer (CRC) Screening
- Design appropriate interventions based on the identified barriers to increasing CRC screening

2005 – 2006 - Teaching Assistant at the University of Kentucky's College of Public Health - Introduction to Public Health Cancer Epidemiology and Introduction to Geographic Information Systems GIS

2004 – 2006 - Alliance for Drug-Endangered Children

- Data management and analysis of state-level data related to Drug Endangered Children
- Prepare Reports and findings on the prevalence and incidence of drug-endangered children for the local chapter of the alliance.

- Prepare GIS maps and other visual aids to enhance data and study presentations. 2002 – 2004 - Research Assistant at the Health Education through Extension Leadership (HEEL), College of Public Health, University of Kentucky, Lexington, Kentucky

- Database management of county-level data on health behaviors; uses GIS to aid in data presentation
- Data analysis and evaluation to identify areas of program improvement
- Assisted in program modification and improvement as it relates to health behavior.
- Prepare reports and presentations of findings to the university, and local and state entities.

2001 – 2002 - Research Assistant, University of Kentucky Center for Prevention Research, Lexington, Kentucky

- Data management and secondary research analysis of the Centers for Disease Control (CDC) Youth Risk Behavior Survey
- Prepared reports from the youth risk behavior survey for the university, and local and state

offices. 2000 – 2001 - Research Assistant, University of Kentucky Medical Center, Department of Family Practice, Lexington, Kentucky

- Assisted in the evaluation of Primary Care/Salvation Army Student-Run Free Clinic
- Assisted in the evaluation of the International Medical Graduate (IMG) placement in the program in Kentucky.

### **PROFESSIONAL EXPERIENCE (Applied Economics)**

1999-2000 - Price Analysis for Kroger's Winchester Dairy Farm out of Cincinnati Ohio:

- Weekly Monitoring of dairy prices based on supply and demand
- Recommendation of retail prices based on the price trends
- Liaison between the dairy farm in Winchester, the regional manufacturing office in Louisville, and Kroger cooperative office in Cincinnati.

### **TEACHING EXPERIENCE**

- Biostatistics, Statistics, Health Economics, Research Methods, Geographic Information System (GIS), Public Health, Dentistry & Environmental Health.
- Developed and teach online courses for TN eCampus Online Degree Programs (Regents Online Degree Program (RODP))
- Taught various online courses on various platforms including D2L, Blackboard & WebCT.
- Introduction to Public Health, University of Kentucky
- Chronic Epidemiology, University of Kentucky
- Introduction Geographic Information System (GIS)
- Cancer Epidemiology, University of Kentucky

### **TEACHING INTERESTS**

- Epidemiology
- Biostatistics/Statistics
- Behavioral Science
- Research Design and Analysis and Technical writing
- Geographic Information System (GIS)
- Health Economics
- Environmental Health
- Community Health

### **DEPARTMENT, COLLEGE & UNIVERSITY AFFILIATIONS & SERVICES**

- Tennessee State University, Research 2010 - present
- College of Health Sciences, Curriculum Committee 2010 - present
- College of Health Sciences, Research 2010 - present
- Master public health (MPH) Faculty Search Committee 2010 - 2011
- MPH Director Search Committee 2009 – 2011
- Public Health, Health Administration & Health Sciences (PHHAHS) Admissions Committees 2007 - present
- PHHAHS Comprehensive Examination Committee - 2007-2012,
- PHHAHS Website Committee 2007- present
- PHHAHS Curriculum Committee 2009-present
- PHHAHS Undergraduate Accelerated BSc Degree Committee

**Research Training and Experience**

- Completed academic courses in clinical trials
- Clinical Research Associates (CRA) trained
- Other related Biostatistics and Statistics training
- Research Design and Analysis
- Large Population Database Management
- SPSS, SAS & R
- Survey Design and Analysis
- Mixed Model Analysis
- Data Mining Techniques
- Molecular Epidemiology
- Regression and Correlation Analysis
- Healthcare Research Methods
- Healthcare Economics

**COURSE DEVELOPED**

- Introduction to Biostatistics (Undergraduate and Graduate)
- Evidence-Based Public Health
- Public Health Capstone Seminar
- Health Economics
- Environmental Health
- Geographic Information Systems (GIS)
- Research Methods in Healthcare (TN eCampus - RODP)
- Trends and Issues in Healthcare (TN eCampus - RODP)

**UNDERGRADUATE COURSES TAUGHT**

- Community Dentistry
- Health Economics
- Health Care Research
- Health Conditions in Functions and Disability
- Introduction to Biostatistics
- Principles of Geographic Information Systems (GIS)
- Social Statistics
- Trends and Issues in Healthcare
- Physics Principles for the Health Sciences
- Contemporary Issues in Gerontology
- Introduction to Epidemiology

**GRADUATE COURSES  
TAUGHT**

- Introduction to Biostatistics
- Environmental Health Science
- Statistical Analysis in Educational Leadership

**RESEARCH EXPERIENCE**

- U54 collaborative (Vanderbilt, Meharry Medical College, and Tennessee State University) grant effort to reduce cancer and health disparities (2011 - 2016)
- Assess College Age Students' Attitudes regarding Older Adults (2010-2012)
- Reaching One Generation at a Time: A Service-Learning Approach to Promoting Responsible Sexual Behavior among College Students. (2010 – 2012)
- U54- Meharry Medical College, Vanderbilt & Tennessee State University Partnership in Eliminating/Reducing Cancer (2011-2015)
- Hospital admission may be driven by hospital bed capacity in some Tennessee County Hospitals (2010 – 2012)
- Psychosocial Experiences and Perceptions of African Americans with Multiple Sclerosis (2008-2009)
- A Relational/Historical Analysis of African American English and Hip Hop (2010-2012)
- Investigate the rise in violent crimes and intentional injuries in Tennessee over the past decade (2010 -2011)
- Using Geographic Information System (GIS) to evaluate Health Disparities in School Age Children in the

Nashville Metropolitan area of Tennessee (2010-2011)

- Drivers with a Child Passenger are More at Risk for Injury than their Child Passengers Due to Drivers not Wearing Seatbelt (2008-2009)
- Rehabilitation and Quality of Life: Living with Multiple Sclerosis (MS) (2008 – 2012)
- Research Scan Health Plan: Cholesterol, Hemoglobin and Nephropathy Screening in a Southern California Diabetic Population form, A Cluster Analysis with Repeated Measure to Assess Modification in Screening Behavior of a Diabetic Population (2005-2006)
- Postdoctoral Research: Increase Colorectal Cancer Screening in Rural Appalachian Kentucky -51 counties in Eastern Kentucky, -Research adviser: Dr. Mark Dignan - (2005-2006)
- Postdoctoral Research: Does Travel Distance Matter? Breast Cancer Stage and its Risk Factors, (Research adviser: Dr. Mark Dignan and co-investigator B. Huang) – (2005-2006)
- Doctoral Research: Survival Analysis of Kentucky's Colorectal Cancer patients receiving Chemotherapy compared to patients not receiving Chemotherapy from 1998-2004 College of Public Health, University of Kentucky, Research Adviser: Dr. Richards Clayton (2005)

## **RESEARCH INTERESTS**

- Chronic disease control Prevention and treatment, particularly cancer, cardiovascular disease, and diabetes.

## **GRANTS**

### **Grants under Review:**

- Agency: Department of Health and Human Services National Institutes of Health
- Application Filing Name: Assessing the impact of EBP trainings on capacity and willingness to address mental health among youth in rural county schools Workspace Owner
- PAR-23-092 Funding Opportunity Title: Effectiveness of Implementing Sustainable Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Mental Health Equity for Traditionally Underserved Populations (R01 Clinical Trial Optional) Opportunity Package ID: PKG00279145
- Amount: \$1,298,565.79
- Role: Statistician/evaluator

### **Current Research**

- Grant: 80NSSC22MO2592
  - Principal Investigator: Trinita Respress
  - Name of Funding Organization: National Aeronautics and Space Administration (NASA)
  - Amount Awarded: \$160,000
  - Period of Grant Award: 10/01/2022 – 10/30/2025
  - Title of Project: Tennessee Minority University Research Education and Project (MUREP) Aerospace Academy
  - Role on Project: Coprincipal investigator
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- Grant: 1R15LM013569-01
  - Principal Investigator: Manar Samad
  - Name of Funding Organization: National Institutes of Health
  - Amount Awarded: \$421,700
  - Period of Grant Award: 09/18/2020 – 08/31/2023
  - Title of Project: Optimizing the Utility of Large Electronic Health Records Data in Data-Driven Health Research
  - Role on Project: Coprincipal investigator

### **Completed Research**

- Grant: MMC/VICC/TSU U54 3 grants (P.I. - Samuel Adunyah)
- Name of Funding Organization: National Institutes of Health – National Cancer Institute – U54

- Amount Awarded: \$7,242,286
  - Period of Grant Award: 09/26/2011 - 08/31/2016
  - Title of Project: MMC, VICC & TSU: Partners in Eliminating Cancer Disparities
  - Role on Project: Member of the Biostatistics and Bioinformatics Core that provides Statistical advice, mentoring, and modeling on study methodology and designs.
  - Grant: NASA's Minority University Research and Education Program (MUREP) & Aerospace Academy (MAA) (PI: Trinetia Respress)
  - Name of Funding Organization: National Aeronautics and Space Administration (NASA)
  - Amount Awarded: \$300,000
  - Period of Grant Award: 09/2016 to 08/2018
  - Title of Project: Tennessee State University (TSU) Minority University Research and Education Program (MUREP)
  - Role on Project: Program evaluator
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- Grant: MMC/VICC/TSU U54 - U54CA163069 2 of 3 grants (P.I. - Samuel Adunyah)
  - Name of Funding Organization: National Institutes of Health – National Cancer Institute – U54
  - Amount Awarded: \$5,109,647
  - Period of Grant Award: 09/26/2016 - 08/31/2021
  - Title of Project: MMC, VICC & TSU: Partners in Eliminating Cancer Disparities
  - Role on Project: Member of the Biostatistics and Bioinformatics Core that provides Statistical advice, mentoring, and modeling on study methodology and designs.
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- Grant: NASA's Minority University Research and Education Program (MUREP) & Aerospace Academy (MAA) (PI: Trinetia Respress)
  - Name of Funding Organization: National Aeronautics and Space Administration (NASA)
  - Amount Awarded: \$325,000
  - Period of Grant Award: 09/2018 to 08/2020
  - Title of Project: Tennessee State University (TSU) Minority University Research and Education Program (MUREP)
  - Role on Project: Program evaluator
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- Grant: Ryan White & United Way - HIV/AIDS Program (P.I. Elizabeth Brown)
  - Name of Funding Organization: Ryan White HIV/AIDS Program & Robert Wood Johnson
  - Amount Awarded: \$50,000.00
  - Period of Grant Award: 09/2015 to 08/2017
  - Title of Project: Ryan White HIV/AIDS Program – HIV-AIDS Needs Assessment in Middle Tennessee
  - Role on Project: Project statistician & Project evaluator

## PUBLICATIONS

- Respress, T., Johnson, O., Boyd, L., & Roberts, T. (2023). Early Exposure/Long-Term Gains: Encouraging Underrepresented Middle School Students to Pursue STEM Careers. *The Journal of the Research Association of Minority Professors*, 25(2). Retrieved from <https://digitalcommons.pvamu.edu/jramp/> vol25/iss2/2, 8/31/2023.
- Brown E., Brown C., Johnson O., Inman W., Burrell W., Briggs R., Theriot R., Heaston A. (2019). Using community-based participatory research to assess the needs for HIV-related services for individuals infected with HIV/AIDS in rural communities. *Journal of Community Engagement and Scholarship (JCES)*, 12(1), 10-16 Fall 2019.
- Amara Suneetha, Babaer Duaa, McAdory Brenda, Johnson Owen, Myles Elbert L., Zent Roy, Rathmell Jeffrey C., Tiriveedhi Venkataswarup. Oligodeoxynucleotides, ODN 2006, and M362 exert a potent adjuvant effect through TLR-9/-6 synergy to exaggerate Mammaglobin-A peptide specific cytotoxic CD8+T lymphocyte responses against breast cancer cells. *Cancers*, Spring, 2019
- Raynes, E. A., Waller, L., Glymph, K., Jones, T., Michaels, N., Barredo, R., Heimdal, J., Johnson, O., Pounders, V., Bradley, W., & Hubbert, D. (2019). Knowledge, Attitudes, and Practices on the use of Energy Drinks among Division Athletes. Published in the *Federation of American Society of Experimental Biology Journal* 33(1) Spring 2019. [https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1\\_supplement.839.1](https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1_supplement.839.1)
- Patel K, Inman W, Gishe J, Johnson O, Elizabeth B, Kanu M, Theriot R, Sanderson M, Hull P, Hargreaves

M. A community-driven intervention for improving bio-specimen donation in African American communities. *Journal of Racial and Ethnic Health Disparities* 2017.

- ECHO - Journal of the National Black Association for Speech-Language and Hearing Article: Beyond the Lyrics Volume 10 # 2 fall 2015
- Bonnie Chakravorty, Robert J. Buchanan, Owen Johnson, and Timothy Vollmer “Health-Related Quality of Life among Latinos with Multiple Sclerosis” *Journal of Social Work in Disability & Rehabilitation* accepted for publication Vol. 11, Issue 4 in December 2012.
- Bonnie Chakravorty, Robert J. Buchanan, Owen Johnson, Tuula Tyry, and Timothy Vollmer. Psychosocial Experiences and Perceptions of African Americans with Multiple Sclerosis: A Pilot Study. *Journal of the National Society of Allied Health* – Spring/Summer 2010.
- Huang B, Dignan M, Han D, Johnson O. J., “Does Distance Matter? Distance to Mammography Facilities and Stage at Diagnosis of Breast Cancer in Kentucky”. *Journal of Rural Health*, 2009 Fall; 25 (4):366-71.
- Samuels, A.D., Foxx, T.L., Johnson, O.S. (2009) "The Utilization of Child Passenger Safety Restraints in Middle Tennessee. *Journal of the National Society of Allied Health*, 2009 6(7),30-39

## PRESENTATIONS

- Respress; Trinetia, Johnson; Owen, Black; Audie, and Makonnen; Sosiak. Early Exposure/Long-Term Gains: Encouraging High School Students to Pursue STEM Degrees and Careers. 26th Annual International Conference on Education, 20-23 May 2024, Athens, Greece.
- Respress, Trinetia & Johnson. Owen. Early Exposure to Long-term Gains: Encouraging Underrepresented Middle School Students to Pursue STEM Careers. Research Association of Minority Professors (RAMP) 40<sup>th</sup> Annual Conference, February 2-4, 2023, Houston TX
- The Impact of Parental Involvement in STEM Activities for Children from Low Socio-Economic Backgrounds by Trinetia Respress, Owen Johnson, Sosiak Makonnen, & Londee Boyd. 16th Annual Tennessee STEM Education Research Conference January 13-14, 2022, Middle Tennessee University, Murfreesboro, TN.
- Early Exposure/Long-Term Gains: Encouraging Underrepresented Children to Pursue STEM Career. 15<sup>th</sup> Annual Tennessee STEM Education Research Conference, Middle Tennessee State University/Tennessee Tech University, Friday, January 15, 2021. Dr. Owen Johnson, Dr. Napoleon Harris.
- Alliance for Minority Participation (TLSAMP) Undergraduate Research Conference, Research Engagement and Creativity through STEM. March 25-26, 2021 (Virtual), Middle Tennessee University, Murfreesboro, TN.
- Risk Factors that Influence the Incidence and Prevalence of Lung Cancer in African American Men (Poster presentation), Ashlyn Wherry and Owen Johnson (Mentor). 18th Annual Tennessee Louis Stokes, University of Tennessee, Knoxville, TN, July 15<sup>th</sup>, 2021.
- The Dangers of Modern Human Behavior on Earth (Poster presentation), Jalah Granberry and Owen Johnson (Mentor). 18th Annual Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP) Undergraduate Research Conference, Research Engagement and Creativity through STEM. July 15<sup>th</sup>, 2021
- Does Vaccination Cause Autism and Other Diseases? Ashli Earl and Owen Johnson (Mentor). 17th Annual Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP) Undergraduate Research Conference, Research Engagement and Creativity through STEM. February 13-14, 2020, University of Tennessee, Knoxville.
- The Risk Factors and Mortality Rate of Breast Cancer in African American Women (oral presentation), 17th Annual Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP) Undergraduate Research Conference, Research Engagement and Creativity through STEM. February 13-14, 2020, University of Tennessee, Knoxville.
- Early Exposure/Long-Term Gains: Encouraging Underrepresented Children to Pursue STEM Careers (oral presentation). Dr. Owen Johnson, Dr. Trinetia Respress, Ms. Sosiak Makonnen, and Mr. Napoleon Harris. 14th Annual Tennessee STEM Education Research Conference, January 16-17, 2020, at Tennessee Tech University in Cookeville, Tennessee.
- Knowledge, Attitudes, and Practices on the use of Energy Drinks among Division Athletes. Poster presentation at Experimental Biology 2019 Annual Convention in Orlando, FL April 9, 2019
- Tennessee Public Health Association - TNPFA - Presentation September 2016 - A Community-Driven Intervention for Improving Bio-Specimen Donation in African Americans
- Research Symposium presentations - April 2016
  - Intelligibility Rating of Faculty with Foreign Accents - awarded 3rd place.
  - Breast Cancer Survival in Tennessee Disparities Amongst Races and Ethnicities - - awarded 3rd

place.

- National Black Association of Speech-Language and Hearing - NBASLH - Presentation- May 2016
  - Intelligibility Rating of Faculty with Foreign Accents by College Students 2016 NBASLH Convention Proceedings posted 6/27/2016.
- Tennessee State Annual Research Symposium presentations - - March 2015
  - Dear Dr. Glover: The Students Discuss Communication in the Classroom
  - Dear Dr. Glover: Students Were Surveyed about Faculty with Accents
- National Black Association of Speech-Language and Hearing - NBASLH - Presentation- April 2015
  - College Students' Views of Faculty with Accents
- Tennessee Public Health Association - TNPHA - Presentation September 2015 Diffusion of HPV and Meningococcal Vaccines among Adolescent Females: Role of Healthcare Access and Physician Recommendation over Time
- The 140<sup>th</sup> Annual Meeting & Exposition (October 27-31, 2012) of the American Public Health Association, (APHA) San Francisco, CA. "Assess College Age Students' Attitudes regarding Older Adults" poster presentation.
- The 140<sup>th</sup> Annual Meeting & Exposition (October 27-31, 2012) of the American Public Health Association, (APHA) San Francisco, CA. "Reaching One Generation at Time: A Service-Learning Approach to Promoting Responsible Sexual Behavior among College Students.", a poster presentation.
- The Tennessee Public Health Association Annual Presentation (September 2012), "Assessing College Age Students' Attitudes Regarding Older Adults." Elizabeth Brown, Ph.D., and Owen Johnson, Dr. P.H. TSU.
- National Black Association for Speech-Language and Hearing (NBASLH) Annual Convention April 19-22, 2012, Raleigh, North Carolina: "A Relational Analysis of AAE & Hip Hop/Rap Music" Iris Johnson Arnold, Ph.D.; Owen Johnson, Dr. P. H.; Cierra Love Baker; Daniel Flatt, BA; Jenna LaNier; Chareva McCullough, BS.
- The 139th Annual Meeting & Exposition (November 2011) of the American Public Health Association, (APHA) Washington, DC. "Hospital admission may be driven by hospital bed capacity in some Tennessee County Hospitals",
- Oral presentation National Black Association for Speech-Language and Hearing (NBASLH) Annual Convention April 7-10, 2011, Indianapolis, Indiana, "African American English and Hip Hop/Rap Music: A Relational Analysis" Iris Johnson, Ph.D., Tennessee State University; Owen Johnson, Dr. P.H., Tennessee State University; Cierra Baker, Tennessee State University; Daniel Flatt, BA, Tennessee State University; Alex Gibbs, Tennessee State University.
- The 138th Annual Meeting & Exposition (November 2010) of the American Public Health Association, (APHA) Denver, CO. "Drivers with a Child Passenger are More at Risk for Injury than their Child Passengers Due to Drivers Not Wearing Seatbelt", a poster presentation.
- Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS) May 30
- 2009 Atlanta GA. Rehabilitation and Quality of Life. Bonnie Chakravorty, Robert J. Buchanan, Owen Johnson, and William Hatcher. Beyond the lyrics: A Relational/historical Analysis of African American English and Hip Hop from 1965 - 1989, Flatt, Daniel; Prather, Lauren; McCullough, Chareva; Dr. Iris Johnson Arnold and Dr. Owen Johnson. Department of Speech Pathology 2010
- The 135th Annual Meeting & Exposition (November 3-7, 2007) of the American Public Health Association, Washington, DC. "A Cluster Analysis with Repeated Measure to Assess Modification in Screening Behavior of a Diabetic Population". A round table oral presentation.
- Samuels, A. D., Foxx, T.L. and Johnson, a. S. (2009) Cultural Competency: Approaches to Improve Healthy Behaviors. Xavier University of Louisiana College of Pharmacy Third Annual Health Disparities Conference. April 19-21, 2009. New Orleans, LA.
- Samuels, A.D., Foxx, T. & Johnson, O. (2009), "The Utilization of Child Passenger Safety Restraints in Middle Tennessee. 31st Annual Tennessee State University Research Symposium. March 30 - April 3, 2009. Nashville, TN.
- Briggs, R., Brown, E., Foxx, T., Johnson, O., Brown, I., Mahone, A. & Taylor, B. (2008) Obesity Awareness Among Tennessee State University College Students. National Society of Allied Health Annual Meeting. Nashville, TN. March 2008.
- The 135th Annual Meeting & Exposition (November 3-7, 2007) of the American Public Health Association, Washington, DC. "Modification in LDL Screening Behavior of a Diabetic Population". A poster presentation.
- The 2007 CDC Cancer Conference, Atlanta GA, "Diagnosis of Cancer; who gets treated and who does not? The Continuum of Cancer Care in Rural America Presented at Intercultural Cancer Conference (ICC) April 2006, Washington, DC. Johnson, Owen. African Americas Missing out on Chemotherapy for Colorectal Cancer. Symposium poster presented at the 2006 meeting of the

American Society of Preventive Oncology, Houston, TX.

- Huang, B. Johnson, Owen and Dignan, Mark. Breast Cancer Stage at Diagnosis and Travel Distance, Symposium poster presented at the 2006 meeting of the American Society of Preventive Oncology, Houston, TX.
- The Leading Causes of Death and The Burden of Chronic Disease Presented at the College of Public Health, University of Kentucky Annual Research Symposium 2004
- Cultural Competency and Quality of Health Care for Minorities, Presented at the College of Public Health, University of Kentucky Annual Research Symposium 2005.
- Does Travel Distance Matter? Breast Cancer Stage and Risk Factors Affecting Women Residing in Rural Communities. Presented at the College of Public Health, University of Kentucky Annual Research Symposium 2006.

#### **TECHNICAL AND SPECIALIZED TRAINING**

- Open Learning Initiative (OLI) - Carnegie Mellon University Pittsburg; online training to teach statistics online.
- NHIS, HCUP, and MEPS - claim and expenditure data management and data analysis.
- Clinical Research Associate (CRA) Trained
- Behavioral Risk Factor Surveillance System (BRFSS) Data Management and Analysis, CDC.
- NIH and NCI Health Disparities monitoring
- Database management including SAS, SPSS, SQL, EPI-Info ACCESS, and EXCEL
- Biostatistics and Statistic training in data analysis using Regression, Mixed Models along with other conventional methodologies.
- Geographic Information System (GIS) experienced.
- Monitoring of US Socioeconomic Inequalities in accessing health using area-based socioeconomic measures
- Experimental and Surveys Designs and Analysis
- Epidemiology training in disease surveillance
- Grant Writing and Proposals
- Certificate in Developmental Disabilities, University of Kentucky.

#### **PROFESSIONAL SERVICE/AFFILIATIONS**

- The Association of University Programs in Health Administration (AUPHA) 2015- present
- Tennessee Public Health Association (TPHA) 2007 – present
- Journal Reviewer, Health Care for the Poor and Underserved (JHCPU) 2018- present.
- Journal Reviewer, National Society of Allied Health 2014 - present
- American Public Health Association (APHA) 2005-2015
- American Statistical Association (ASA) 2005 - 2018
- Member, National Society of Allied Health 2010 - 2018

#### **DEPARTMENT, COLLEGE & UNIVERSITY SERVICES**

Departmental Committee – Public Health, Health Administration & Health Sciences (PHHAHS)

- AUPHA Self-Study Committee 2020 - Present
- Curriculum Committee 2019-Present
- Tenure and Promotion Committee 2018 - present
- HLSC Admissions Committee 2018-present
- MPH Admissions Committee 2019 - present
- HCAP-HLSC Comprehensive Examination Committee 2015-2021
- MPH Comprehensive Exam Committee – 2015-2022
- Research Committee 210-2016
- MPH Program Manager Search Committee 2009-2016
- PHHAHS Web Page Committee 2009 - 2016

College of Health Sciences (COHS) Committees

- Research Committee 210-2016
- Tenure and Promotion Protocol Committee 2017 – 2018
- Dental hygiene Faculty Search Committee 2019-2022



- TSU University Committee
- Research Committee 210-2016

## COMMUNITY SERVICE

### Dissertation Committee Experience/Member

1. Student Participation in Leadership Programs, Formal Leadership Roles, and Leadership Education: An Examination of Socially Responsible Leadership Outcomes by William U. Latham – August 2009.
2. The Effects of Direct Instruction's Corrective Reading Program on the Reading Proficiency of Students in a Self-Contained Special Education School by Susan Sawyer - April 2013
3. Do leading doctorate granting institutions include in their preparation of educational leadership personnel, empirically identified components critical to serving students with disabilities? By Meagan Fisher – January 2010
4. An Analysis of Inmates in Tennessee: Factors That Impact Participation in GED Programs by Turner Nashe – October 2010
5. Does Instructor-guided supplemental instruction aid in improving reading assessment scores of reading-deficient college students by Audrey B. Lukula - April 2013
6. A Correlational Analysis of Self-Esteem Levels and Involvement in Risky Behaviors Among Female Freshman College Students by Revlon B. Briggs – November 2013
7. An Investigation of the Impact of a Summer Reading Clinic on Academic Achievement by Tamla V Gordon – February 2014.
8. Effectiveness of SRA Reading Mastery on Low-Achieving Fourth-Grade Students by Marsha Wyatt – January 2013
9. Factors that Contribute to the Selection Process of College Freshmen Choosing to Attend HBCUs by Natara K. Garvin – February 2012
10. Middle School Teachers' Perceptions of Grade Level Retention in Rutherford County, Tennessee by Jacqueline Cathey – August 2012
11. Teachers' Perceptions of Alternative Practices and Exclusionary Discipline by Darren H. Kennedy – August 2016
12. The Relationship among Community Violence and Racial Socialization and Their Influence on the Masculine Ideology of Young Black Men by Christopher Brooks - January 2017
13. Differences In Middle School TCAP Writing Assessment Scores Based on Keyboarding Skill by Carol Parker – November 2015
14. Career And Technical Education Concentrator Effect on Graduation Rates in A Suburban District by Tunisha V. Hobson – December 2015
15. Perceived Value of The International Baccalaureate Program by Graduates Who Are in College or Who Have Attended College in The Last Five Years in Terms of Critical thinking, Exposure to global issues, Time management to meet expectations and assignment deadlines of college-level courses and performing written assignments. By Marlaine Ells – November 2015
16. Crisis Management & Student Perception of Safety on TSU's Campus by Kelle Neal – March 2016
17. Effectiveness of WIDA English Language Development Standards Meeting Proficiency for English Language Learners by Kelley Coulter – July 2016
18. Teachers' Perceptions of the School Environment as Impacted by Principal Mobility by Carl Carter – Fall 2019 TSU College of Education
19. The Impact of Web 2.0 Tools for High School Teachers in Enhancing Teaching, Improving Learning, and Increasing Productivity by Joseph Hensley – Fall 2019 TSU College of Education.
20. The Implementation of State Mandated Response to Intervention (RTI) Program by Melody J. Smith – Fall 2019 TSU College of Education
21. Shared Governance: A Case Study of Faculty, Administration, and Staff Collaboration by Debra Smith Hayes, March 23, 2021, TSU College of Education.
22. Challenges Black Women Face with Promotional Opportunities to Executive-Level Administration in An HBCU by Quinetta Bartley March 24, 2021, TSU College of Education.
23. Impact of Principal Leadership Styles on Teacher Retention by Joi A. Mitchell March 17, 2021, TSU College of Education.
24. The Relationship Between Higher Education Midlevel Administrators' Job Satisfaction Levels and Intent to Leave by Jamila D. Martin March 24, 2021, TSU College of Education.
25. Comparison of K-12 Teachers' Perceptions of their Teacher Preparation Programs by Montonia C. Taylor, July 7, 2022, TSU College of Education.
26. Influencing Leadership: Student Perspectives of Engagement in an Online Developmental Mathematics Class, by Darlene Davis Martin, March 6, 2023, TSU College of Education.
27. A Mixed Methods Investigation of the Impact of the NCAA Presidential Pledge, by Andrea Dawnyell

- Fletcher, March 7, 2023, TSU College of Education.
28. Consistency of Instructional Coaching: Does it Impact Student Achievement? By Jennifer Durbin, July 31, 2023.
  29. Effective Leadership for Accomplishing the Goal of a Program Accreditation by Valerie Brock, October 18, 2023, TSU College of Education.
  30. Faculty Knowledge, Beliefs, and Willingness to Provide ADA Accommodations, by Pearl D. McKnight, October 23, 2023, College of Education.
  31. Predictors Of College Success for Stem Majors by Harry T. Ingle, Jr., October 26, 2023, College of Education.
  32. Common Factors in Higher Education That Lead To LGBTQ+ Students' Suicidal Ideation by NKenge M. Hudson, March 6, 2024, College of Education.
  33. Exploring Relationships Between Sown to Grow, Academic Growth, and Attendance, by Tocarra Cecil, March 8, 2024, College of Education.
  34. Post-COVID-19: The Impact of Income and Race on High School Graduation, by Angela K. Stone, March 12, 2024.
  35. The Impact of COVID-19 on Leadership at A Historically Black University (HBCU), by Michael C. Davis, Jr. March 18, 2024, College of Education.
  36. A Quantitative Study: African Americans in Accounting: The Community College Students' Perspectives by Norris W. Watkins, May 18, 2024, College of Education.

**Professional Certification:**

- Certified in Public Health (CPH) – Continuous recertificated from December 2011 - January 2026.