

Delilah Mochoge

Political Science / Public Administration

113 Holden Hall, Boston & Akron Streets, Lubbock, TX 79409



: Delilah.B.Mochoge@ttu.edu | (214) 710-8685 |



: @DelilahMochoge |



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EDUCATION

Texas Tech University

2024

Ph.D. Political Science

- Specialized in Public Administration, Comparative Politics, and Methods
- **PhD Dissertation:** “Medical Ethics and the Impact of Decision-Making on Infant Mortality in the United States”

Texas Tech University

2021

M.A. Political Science

- Specialized in Public Administration, Comparative Politics, and Methods
- **Master’s Thesis:** “Felony Disenfranchisement: Florida’s Fight for Enfranchisement”

Texas Tech University

2018

B.A Political Science

- Specialized in Political Science with minor(s) in History and Philosophy

EXPERIENCE & RESEARCH

Texas Tech University

Teaching Assistant

2018-present

- Developed deep understanding of political systems, government structures, public policy, and political theories.
- Led students in conducting research and analysis, particularly in being responsible for assistant students with research projects, analyzing political data, or conducting literature reviews to gain informed understanding of subject matter
- Developed strong communication skills to explain complex political concepts, facilitate class discussions, and provide feedback to students
- Promoted discussion(s) on how political theories apply to real-world situations and analyzed policy outcomes.
- Implemented tactics to help students develop critical thinking skills by encouraging analysis, interpretation, and evaluation of political science concepts.

Graduate Assistant

2022-2023

- Nursing Home Report Ownership
 - Collaboration across universities to expand research capabilities, develop valuable connections, and contribute to knowledge creation in our respective fields.
 - Effectively searched for missing board members based on nursing home names, highlight the fixed cases, and then utilize the "predictrace" package in RStudio to code for race and ethnicity by entering the names of CEOs, CFOs, and board members. This process allows for a comprehensive analysis of board member demographics and enhances the understanding of the racial and ethnic composition within the nursing home context.

- ER Wait Times **2021-2022**
 - Collected and cleaned comprehensive data on Emergency Department operations and Timely and Effective Care metrics. Applied rigorous data cleaning protocols to ensure accuracy and reliability, which involved handling large datasets and resolving inconsistencies
 - Conducted an extensive literature review on the impact of physician, nurse, and CEO gender on ER wait times. Synthesized findings to highlight potential correlations and inform the study's hypothesis.
 - Utilized the 'gender' package in R to encode gender based on names and dates of birth using U.S. Census and Social Security data.
 - Contributed to identifying significant gender disparities in ER wait times suggesting that the gender of healthcare providers and administrators can influence patient throughput and efficiency.
 - Worked closely with a team of faculty within department, participating in regular meetings to discuss progress, refine methodologies, and interpret data. Assisted in drafting sections of the paper, particularly those related to data methodology and gender analysis.

Research Assistant

2019-2022

- Florida Emergency Department Care
 - Contributed to the creation of a comprehensive individual-level dataset that incorporates information from both Florida ERs and inpatient hospitals. This merged dataset can be utilized for further analysis, such as examining patterns of care, assessing healthcare outcomes, or investigating factors influencing patient transitions between ER and inpatient settings. The resulting insights can inform healthcare policy, improve care coordination, and contribute to the understanding of emergency department care in Florida
 - Collected relevant data on inpatient hospitals in Florida, which included variables such as hospital characteristics (e.g., location, bed capacity, ownership), patient admissions, procedures performed, length of stay, and other pertinent information
 - Identified common variables between the ER dataset and the individual-level inpatient hospital dataset that allow for merging, such as hospital identification numbers.
 - Used appropriate data merging techniques (merging) to combine the two datasets into a unified dataset that encompasses both ER and inpatient hospital information at the individual level.
 - Detailed attention to data integrity during the merging process to ensure proper alignment and avoid data duplication or loss.
- US Nursing Home Audit Study
 - Created an Excel file to systematically organize the information about nursing homes.
 - Included Nursing Home Name, Medicare ID, Phone Number, and potentially other relevant information
 - Manually entered the nursing home details for each state into the Excel file, following a structured format for consistency.
 - Identified states where the dataset did not comply in a single location. Manually record these states separately to ensure accurate tracking of data availability.
- Coproduction Data on ICMA Municipality Council(s)
 - By merging datasets, assessing the form of government, analyzing council member elections, and providing an updated count of council members, the research project aimed to provide a comprehensive understanding of the local government landscape in the United States. The resulting dataset provides a valuable resource for studying the variations in governance structures and election methods across municipalities and counties, aiding researchers, policymakers, and practitioners in their analysis of local government systems.
 - Collaborating with your faculty advisor to develop research questions, design the study, and select appropriate research methodologies

- Oversaw data collection activities to ensuring data quality and integrity and managing the data collection process while creating and managing project timelines, and ensuring adherence to project goals and deadlines

GRANTS, HONORS, & AWARDS

- **Technical Skills:** Microsoft Excel, STATA, Project Management, RStudio (R)
- **Awards:** Fellow of the American University Diversity Academy; Meier PMRC Travel Inclusion Awards; Research Strategies Training Program

LANGUAGE

- English; Swahili; Spanish