

**WILLIAM D. TAYLOR**

Doctoral Student, Political Science and Public Policy, University of Michigan  
Data Analyst, Criminal Justice Innovation Lab, UNC School of Government

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Research interests: Social vulnerability; criminal law; policy preference formation; technology policy; computational methods.

**Education**

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**University of North Carolina at Chapel Hill**

B.S. Computer Science and Political Science

2023

**University of Michigan—Ann Arbor**

Ph.D. Political Science and Public Policy

Expected 2030

**Research Experience**

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**Data Analyst**

Criminal Justice Innovation Lab, UNC School of Government

2023-Present

- Provide quantitative and computational deliverables for projects on bail reform, court appearance, second chance hiring, and record linkage.
  - Lead meetings associated with these projects.
- QC work completed by graduate assistants and other researchers affiliated with the Lab.
- Write substantive prose and methodological appendices for reports delivered to stakeholders.
- Implement software engineering best-practices to enable efficiency and reproducibility in our research.

**Ralph Bunche Summer Institute Fellow**

2022

American Political Science Association Ralph Bunche Summer Institute, Duke University

- Completed two graduate-level courses—Probability and Basic Regression, and Race and American Politics.
- Wrote a quantitative research paper employing rare event analysis to study radicalization into political extremism in the United Kingdom.
- Invited to present at the 2022 American Political Science Association general conference.

**Undergraduate Research Assistant**

2021-2023

Dr. Frank Baumgartner, UNC Department of Political Science

- (December 2021—Summer 2022) Assisted with reshaping and feature engineering tasks for a country-wide death penalty dataset.
- (Fall/Winter 2022) Received mentorship while completing an independent research paper on disparate criminal justice contact in NC.

- Presented on research design and theory for this project at the University of Michigan's Emerging Scholars political science conference.
- Presented findings at the National Conference of Black Political Scientists Annual Meeting.

### NSF Research Experience for Undergraduates (REU) Fellow

2021

Security and Political Economy Lab/LEWIS Registry, The University of Southern California

- Cleaned, updated, and merged data for several international relations projects, and the Princeton World Economics and Politics Dataverse.
- Analyzed survey data from police chiefs on the Law Enforcement Work Inquiry System ("LEWIS Registry").
- Collaborated with other research assistants (RAs) to generate reports that informed project direction.
- Held weekly office hours to assist other RAs with R and statistical computing concepts.
- Created visualizations and tables for academic papers, and updated prose with these changes.
- Gave presentations to professors and stakeholders outlining new quantitative findings.
- Created R video tutorials on data visualization, currently hosted on the SPEC Lab YouTube channel.

### Policy Evaluations

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PRETRIAL REFORM IN ORANGE COUNTY, NORTH CAROLINA: FINAL SUPPLEMENTAL REPORT, with Jessica Smith, Lab Director; Jamie Vaske, Senior Research Associate; and Hannah Turner, Project Manager, November 2023.

- Responsible for the prose and analyses in the Pretrial Detention section.

PRETRIAL REFORM IN ORANGE COUNTY, NORTH CAROLINA: FINAL SUPPLEMENTAL REPORT — TECHNICAL APPENDIX, with Jessica Smith, Lab Director; and Jamie Vaske, Senior Research Associate, November 2023.

- Responsible for the prose and analyses in the Pretrial Detention section.

### Conference Presentations

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Bossous, Joel and **William Taylor**. 2024. "Anger and the Political Pendulum: Emotions as Call and Response." Southern Political Science Association Annual Meeting. New Orleans, LA.

**Taylor, William**. 2023. "Social Vulnerability and Criminal Justice Contact in North Carolina." National Conference of Black Political Scientists. Atlanta, GA.

**Taylor, William**. 2023. "Social Vulnerability and Criminal Justice Contact in North Carolina." Eldersveld Emerging Scholars Conference. Ann Arbor, MI.

### Professional Memberships

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American Political Science Association  
National Conference of Black Political Scientists  
National Society of Black Engineers

Society of Political Methodology  
Southern Political Science Association

## **Technical Skills**

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### **Languages**

R, Stata, Python, Java, SQL, Bash

### **Operating Systems**

Mac OS, Linux, Windows 10, Windows Server

### **Applications:**

Rstudio/Quarto, Stata BE, Jupyter Notebook, Git/GitHub, IntelliJ, Microsoft Office Suite