MAYA A. DALTON

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Research-driven graduate student with 6 years of experience in conducting data and statistical analysis on a variety of international datasets. Proven record of applying advanced statistical analysis skills to identify, assess, interpret, and report potential relationships influencing political behavior and policy. Self-motivated, with the ability to work collaboratively in high-pressure situations and under tight deadlines.

EDUCATION

The Pennsylvania State University   University Park, PA
Ph.D. in Political Science and Social Data Analytics   Expected August 2026
M.A. in Political Science   May 2024

Wake Forest University   Winston-Salem, NC
B.A. in Politics and International Affairs   May 2022

Relevant Courses: Machine Learning, Time Series Analysis, Data Mining, Social and Political Network Analysis, Statistical Methods and Multivariate Analysis for Political Research, Foundations of Data Privacy, Approaches and Issues in Big Social Data

RELATED EXPERIENCE

United States Government
Graduate Intern - Analytical Methodologist   *May 2025 – August 2025*
- Developed methods to add rigor to intelligence analysis and collection.

National Endowment for the Humanities, Office of Data and Evaluation
Pathways Graduate Intern   *May 2024 – December 2024*
- Conducted independent research on federal funding in Appalachia.
- Analyzed and cleaned grant data from departments within the agency.

National Science Foundation
Graduate Research Fellow   *2023 – 2026*
- Conducted independent research under funding from the National Science Foundation.
- Received a three-year annual stipend of $37,000, with $16,000 for tuition and fees.

Pennsylvania State University   University Park, PA
Graduate Assistant   *August 2022 – August 2023*
- Conducted independent research with a faculty member.
- Analyzed underlying disapproval of the Iranian government using list-experiment methods on survey data.
- Independently assisted and graded undergraduate students in an introductory comparative politics course.

Wake Forest University   Winston-Salem, NC
Research Assistant   *May 2021 – May 2022*
- Collaborated with a faculty member on two research projects regarding corruption measurements and women's representation in government.
- Conducted principal component analysis on panel-adjusted corruption data.

TECHNICAL SKILLS

Technology: Python, R Programming, LaTeX, GitHub, Microsoft Excel
Developer Tools: R Studio, Jupyter Notebook, PyTorch, TensorFlow
Core Competencies: Research and Analysis, Statistical Analysis, Data Visualization, Data Management, Reporting and Briefing Skills

SCHOLARSHIP

- Esarey, Justin and Maya Dalton. "The Changing Relationship between Gender and Corruption." In Gender and Corruption in Democracies: A Handbook, eds. Emily Bacchus Beaulieu and Tiffany D. Barnes. Cheltenham: Edward Elgar. [DOI][PDF]
- Dalton, Maya, and Justin Esarey. "Measuring Changes in Corruption Over Time". (Conditional Acceptance at Political Studies). [PDF][Replication File]

- Working Papers:
    1. Dalton, Maya and Giancarlo Visconti. "Representation Behind Closed Doors: The Effect of Electing Women Mayors on Domestic Violence" (Revise and Resubmit at Journal of Politics). [PDF]
    2. Dalton, Maya. "For Better or For Worse? Gender Quotas and Electoral Violence".
    3. Dalton, Maya, and Cecilia Cavero Sanchez. "Thinking About Conflict in Time Series".
    4. Dalton, Maya. "A Network Analysis of Perpetrators, Targets, and Clusters of Electoral Violence".

CONFERENCES & INVITED LECTURES

1. Peace Science Society International (PSSI) Rising Scholar Workshop	2025
2. Peace Science Society (PSSI)	2024-2025
3. American Political Science Association (APSA)	2023-2024
4. Midwest Workshop in Empirical Political Science (MWEPS XI)	2024
5. UNDOC Anti-Corruption Academic Symposium	2023
6. ICPSR Summer Program Blalock Lecture Series	2023
7. Midwest Political Science Association (MPSA)	2022

LEADERSHIP & EXTRACURRICULARS

The Pennsylvania State University

Student Representative, Graduate Studies Committee	2025-2026
President, Graduate Association of Political Science (GAPS)	2024-2025
Vice President, Graduate Association of Political Science (GAPS)	2023-2024

Wake Forest University

Vice President of Member Development, Alpha Delta Pi - Eta Upsilon	2021-2022
President's Aide, Office of the President	2021-2022
Student Advisor, Office of Academic Advising	2020-2022