

Michael Burnham

Texas A&M University
Political Science Department
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Academic Appointments **Texas A&M University**
Assistant Professor, 2025-Present

Princeton University
Postdoctoral Researcher, 2024-2025

Education **Pennsylvania State University**
Ph.D. (Dual Title), Political Science & Social Data Analytics, 2024.
M.A., American Politics, 2022

Georgetown University
M.A., International Relations, 2015.

Utah State University
B.A., Economics & International Relations, 2013.

Articles Burnham, Michael, Kayla Kahn, Rachel Peng, Ryan Wang. "Political DEBATE: Efficient Zero-shot and Few-shot Classifiers for Political Text." *Conditional Acceptance at Political Analysis*

Burnham, Michael. "Stance Detection: A Practical Guide to Classifying Political Beliefs in Text" *Political Science Research and Methods* (2024).

Burnham, Michael. "What is Sentiment Meant to Mean to Language Models?" *Research and Politics* (2024)

Block Jr, Ray, Michael Burnham, Kayla Kahn, Rachel Peng, Jeremy Seeman, and Christopher Seto. "Perceived risk, political polarization, and the willingness to follow COVID-19 mitigation guidelines." *Social Science & Medicine* 305 (2022): 115091.

Ackerman, Gary A., and Michael Burnham. "Towards a definition of terrorist ideology." *Terrorism and Political Violence* 33, no. 6 (2021): 1160-1190.

Book Chapters Burnham, Michael, and Michael J. Nelson. "Judicial Elections and Judicial Behavior." In *Oxford Handbook of Comparative Political Behavior*. Oxford University Press, 2023

Working Papers	Burnham, Michael. "Affective Polarization in the American Congress" Burnham, Michael. "Semantic Scaling: Bayesian Ideal Point Estimates with Large Language Models." <i>arXiv Pre-print: 2405.02472</i> Burnham, Michael "Does Affect Affect Legislative Effectiveness?"
Software	Entss: Entailment Classification and Semantic Scaling. Stance detection with transformers and ideal point estimates with Bayesian IRT.
Conferences	APSA Annual Meeting Panelist: 2024 State Politics and Policy Poster presenter: 2024 PolMeth Poster presenter: 2023, 2022 New Directions in Analyzing Text as Data Poster Presenter: 2021 International Studies Association Panelist: 2016, 2014
Research Positions	Political Science, Pennsylvania State University Research Assistant, Michael J. Nelson Graduate Research Fellow, The Center for Social Data Analytics Research Assistant, Kevin Munger Research Assistant, Eric Plutzer
Teaching	START Researcher, Terrorist Ideology Project Political Science, Pennsylvania State University Instructor, Social Data Analytics Capstone Course, Spring 2023 Instructor, Math for Political Science Workshop, Summer 2023 Instructor, R for Political Science Workshop, Summer 2022 Teaching Assistant, Introduction to American Politics, Fall 2019 Teaching Assistant, Quantitative Political Analysis, Fall 2022 Teaching Assistant, Political Methodology Graduate Seminar, Fall 2022 ICPSR Summer Program in Quantitative Methods Guest Lecturer, Ideological Scaling with Large Language Models, 2023

Service	Georgetown Security Studies Review Editor in Chief, 2014-2015
Professional Experience	Deloitte <i>Data Scientist, Pentagon, Va, 2017-2019</i>
	ANSER <i>Analyst, Arlington, Va, 2016-2017</i>
Awards	Outstanding Political Science Graduate Student Penn State, 2023
	Superior Teaching and Research Award Penn State, 2023
	Georgetown Security Studies Program Merit Scholarship Georgetown University, 2013-2015
	Undergraduate Teaching Fellow of the Year USU Huntsman School of Business, 2013
Languages and Skills	English (native), Ukrainian (conversational), Russian (will lapse into Ukrainian) Python, R, Stata, L ^A T _E X, Git, HTML5, CSS
References	Michael Nelson: mjn15@psu.edu Bruce Desmarais: bdesmarais@psu.edu Suzie Linn: sld8@psu.edu