KATHRYN LAUREN OVERTON
DOCTORAL DEGREE CANDIDATE

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University of New Mexico
Department of Political Science
MSC 05-3070
1 University of New Mexico
Albuquerque, NM 87131-0001

EDUCATION

PhD University of New Mexico, Political Science   2017 – 2023, *Anticipated*
Primary foci: Statistical methods, coding in Python, R, and Stata,
manuscript preparation, design-based research
Substantive interests: international relations, conflict studies

MA	University of New Mexico, Political Science	May 2019
MA	University of New Mexico, Economics	December 2012
MA	University of New Mexico, Sociology	December 2012
BS	University of New Mexico, Mathematics	December 2012
BA	Haverford College, Molecular Biology	May 2003

HONORS AND AWARDS

Canadian Society for Political Methodology; Travel grant; $950.00	2022
American Association of University Women Scholarship; $2,000.00 (declined)	2022
Student Conference Award Program; UNM; $600.00 (declined)	2022
Michael Wallerstein Award; UNM; $820.00	2021
National Security Studies Program-Critical Technology Studies Program Research Grant; UNM; $3,000.00	2021
Conference Travel Grants; UNM; $960.00	2017 - 2021
Professional Development Grant; UNM; $500.00	2020
Society for Political Methodology; Conference Travel Grant; $1,350.00	2019
National Science Foundation Fellowship; $900.00	2019
Janet-Box Steffensmeier Scholarship; University of Michigan; $7,200.00	2018

RESEARCH EXPERIENCE

Research Assistant; UNM; Anderson School of Management	2022 – present
Research Assistant; UNM, Department of Special Education	2019 - present
Research Assistant; UNM; Department of Population Health	2020 - 2021
Research Assistant; UNM; Cradle to Career Policy Institute	2019 – 2020
Research Intern; Albuquerque, NM; Mid-region Council of Governments	2010 - 2011
Research Assistant; Albuquerque, NM; Bureau of Business and Economic Research	2011

TEACHING AND CONSULTING EXPERIENCE

Graduate Teaching Assistant; University of Michigan; ICPSR	2019 – present
Graduate Statistics/Career Consultant; UNM; Graduate Resource Center	2021 - 2022
Graduate Assistant; UNM; Various Departments	2008 - 2011; 2017 – 2019

PROFESSIONAL DEVELOPMENT

ICPSR; University of Michigan; Ann Arbor, Michigan   2018-2022
- **Web scraping and text analysis**
- **Machine learning (CART, BART, random forests, MARS, EARTH)**
- **Parametric and semi-parametric modeling (GAMLSS, LASSO)**
- **Times series analysis (ARIMA, TVP models, state-space models)**
- **Advanced Bayesian modeling (sampling techniques, model averaging)**
- **Advanced network analysis (ERGMS, latent space models)**
- **R programming**

UNM; Department of Statistics   2021
- **Python programming**
- **Advanced Bayesian statistics**

IPSA-USP Summer School; University of São Paulo; São Paulo, Brazil   2020
- **Process tracing**
- **Comparative historical analysis**

APSA Political Networks Workshop; Duke University; Durham, NC   2019
- **ERGMs**
- **Latent space models**

Research Paralegal; Various law firms; Albuquerque, NM   2007 - 2008; 2014 - 2016

CONTRIBUTIONS TO LAW AND POLITICAL SCIENCE

Overton, Kathryn and Sally Sharif. 2023. *Agents with Principles? The Role of Human Rights Norms and Laws in Preventing Conflict-Related Sexual Violence.* Forthcoming in *Human Rights Quarterly.*

Overton, Kathryn and Mahtab Shafiei. 2022. *Rebels without a cause? A difference-in-difference model of post-war terrorism following one-sided victories.* Under review as of October 2022.

Overton, Kathryn. 2022. *Volatility and Violence: A Duration Model of Economic Instability and Intrastate War.* Presented at the Annual Meeting of the Midwest Political Science Association 2018; Annual Meeting of the Four Corners Conflict Network 2018; Annual Society for Political Methodology Conference 2019.

Overton, Kathryn. 2021. *Leaders and Laggards: Modeling the Diffusion of Environmental Protection Laws.* In preparation.

Overton, Kathryn. 2020. *The Prescience of DiMaggio and Powell: A Qualitative Comparison of Antitrust Legislation in Latin America.* In preparation.

Overton, Kathryn. 2018. *Failures of Federalism? A Network Analysis of Abortion Outcomes Within the United States.* In preparation.

CONTRIBUTIONS TO EDUCATION, ENGINEERING, EPIDEMIOLOGY, AND MEDICINE

Shenoy, Sunaina, Richard K. Wagner, **Kathryn Overton**, and Nisha M. Rao. 2023. Effects of predictor variables on L2 English reading acquisition for Grades 3 and 5. Forthcoming in *Reading Psychology.*

Collins, T., Geana, M., **Kathryn Overton**, Benton, M., Lu, L., Khan, F., ... & Zhu, Y. 2022. Use of a smartphone app versus motivational interviewing to increase walking distance and weight loss in overweight/obese adults with peripheral artery disease: Pilot randomized trial. *JMIR Formative Research*, *6*(2), e30295.

Shenoy, Sunaina, **Kathryn Overton**, and Nisha M. Rao. 2022. Effects of curriculum, socioeconomic status and gender on L2 English reading acquisition for students in grade 1. *The Educational Review, USA, 2022, 6(4), 133-146.*

Shenoy, Sunaina, Richard K. Wagner, **Kathryn Overton**, and Nisha M. Rao. 2022. Relations between decoding, fluency and comprehension skills for L2 English readers in India. Revise and resubmit with the *British Journal of Educational Psychology.*

Cruz, Theresa H., Dee Ross-Reed, Courtney FitzGerald, Yi Liang, **Kathryn Overton**, and Melissa Schiff. 2022. The effects of school-based policies and programs on violence among all students and sexual and gender minority students. Under review with the *Journal of School Health.*

Kathryn Overton, Jeff Dickey, Alissa Dickey, Anh Luong, and Keith Morris. 2022. Transoceanic navigation of unmanned aerial vehicles in GPS-Denied environments. Presented at Sandia National Laboratories 2022. In preparation.

Jeffrey J. Dickey, **Kathryn Overton**, Alissa M. Dickey, Anh Luong, and Keith Morris. 2022. Creating Automatic Identification System based shipping lanes with a Geographic Information System. In preparation.

COMMUNITY AND PROFESSIONAL SERVICE

Homeless Legal Assistance Program; Student volunteer	2022-present
MareBlu; Coastal and ocean cleanup volunteer; Costa Rica	2022
NM Immigrant Family Law Center; Grant writing and translation Volunteer	2020-2021

UNM; Shared Knowledge Conference; Panel judge	2021
UNM; GPSA; Grant reader	2020 - 2021
Volunteers in Development, Education, & Solidarity; English language instructor and grant writing volunteer; Rwanda and Haiti	2009, 2021
Catholic Charities of New Mexico; Mathematics instructor	2010 - 2011 2018 - 2021
Quest Volunteers; Children's camp counselor; Haiti	2008
Saint Francis Elementary School; Classroom instructor; Lumberton, NM	2003 - 2006

LANGUAGES

English, Native language; **French**, Level 3+ (ILR); **Hebrew,** Level 2 (ILR)

COMPUTER SKILLS

Python, R, Stata, Latex, MPlus, Matlab, SPSS, QDA Miner, Tableau, Jags, WINBugs

PERSONAL INTERESTS

Fresh Start Swim Series, 5K swim finisher, St. Petersburg, FL 2022, *anticipated*
Cactus Man Aquabike, Olympic length finisher, Tempe, AZ 2021
Bloomsday Run, 12K finisher, Spokane, WA 2020
Mack Cycle Triathlon Key West, Olympic length finisher, Key West, FL 2019
Tempe International Triathlon, Olympic length finisher, Tempe, AZ, 2010, 2011
Santa Fe Century Ride, Half-century ride finisher, Santa Fe, NM 2009
Duke City Marathon, Marathon finisher, Albuquerque, NM, 2008, 2009
New Mexico State Marathon, Half-marathon finisher, Albuquerque, NM 2008