Rob Williams

CONTACT INFORMATION	Weidenbaum Center Washington University in St. Louis One Brookings Drive St. Louis, Missouri 63130	✉ rob.williams@wustl.edu 🌐 jayrobwilliams.com ⭘ jayrobwilliams ⓘ 0000-0001-9259-3883

APPOINTMENTS **Washington University in St. Louis**

Postdoctoral Research Fellow, Weidenbaum Center   2020-22

Postdoctoral Research Associate, Department of Political Science 2019-2020

EDUCATION **The University *of* North Carolina *at* Chapel Hill**

Ph.D., Political Science   2019
- Dissertation: "The Geography of Secession"
- Committee: Mark J.C. Crescenzi (chair), Navin A. Bapat, Stephen E. Gent, Patricia L. Sullivan, and Santiago Olivella
- Concentrations: *International Relations* and *Political Methodology*

M.A., Political Science   2016

Haverford College

B.A., Political Science, Departmental Honors   2012

PEER-REVIEWED PUBLICATIONS

Williams, Rob. OnlineFirst. "Turning the Lights on to Keep Them in the Fold: How Governments Preempt Secession Attempts." *Conflict Management and Peace Science*. doi:10.1177/07388942211015242

Williams, Rob. 2022. "Teaching Programming Skills in Methods Courses is an Opportunity, not a Burden." *PS: Political Science & Politics* 55(1): 221-224. doi:10.1017/S1049096521001153.

Oswald, Christian, Melanie Sauter, and Sigrid Weber, and Rob Williams.[*] 2020. "Under the Roof of Rebels: Civilian Targeting After Territorial Takeover in Sierra Leone." *International Studies Quarterly* 64(2): 295–305. doi:10.1093/isq/sqaa009.

Scogin, Shana, Johannes Karreth, Andreas Beger, and Rob Williams. 2019. "BayesPostEst: An R Package to Generate Postestimation Quantities for Bayesian MCMC Estimation." *Journal of Open Source Software* 4(42): 1722. doi:10.21105/joss.01722.

Williams, Rob, Daniel J. Gustafson, Stephen E. Gent, and Mark J.C. Crescenzi. 2021. "A Latent Variable Approach to Measuring and Explaining Peace Agreement Strength." *Political Science Research and Methods* 9(1): 89-105. doi:10.1017/psrm.2019.23.

[*]Equal authorship

UNDER REVIEW	"They're Still There, He's All Gone: American Fatalities in Foreign Wars and Right-Wing Radicalization at Home" *with Richard McAlexander and Michael Rubin. Revise & Resubmit at* American Political Science Review
WORKING PAPERS	"Measuring Peace Agreement Strength in Civil War"
	"Non-Combatants or Counter-Insurgents? The Strategic Logic of Violence against UN Peacekeeping" *with Patrick Hunnicutt and William Nomikos*
	"Does UN Peacekeeping Protect Civilians? Evidence from the Border between Burkina Faso and Mali" *with William G. Nomikos and İpek Ece Sener*
	"Border Walls, Cooperation, Illicit Trade" *with David Carter and Bailee Donahue*
	"Unsettled Borders in a Market Context" *with Bailee Donahue and Mark Crescenzi*
	"Terrorism, Repression, and Stealth Aggression" *with Navin Bapat and Daniel Gustafson*
OTHER WRITING	Nomikos, William G., Melanie Sauter, Rob Williams, and Patrick Hunnicutt. 2020. "The military has ousted Mali's president. That raises questions about the country's ongoing security challenges." *Washington Post*.

CONFERENCE PRESENTATIONS	International Studies Association	2022, 2021, 2019, 2017
	Peace Science Society (International)	2021, 2019, 2018, 2016
	International Studies Association Midwest	2021, 2019
	American Political Science Association	2020, 2019
	Society for Political Methodology	2019, 2018
	Politics and Computational Social Science	2019
	Midwest Political Science Association	2018
INVITED TALKS	Perry World House, University of Pennsylvania	2021
	Department of Political Science, University of Missouri Kansas City	2020

RESEARCH INTERESTS	Conflict geography, low level political violence, economic statecraft, conflict resolution, Bayesian inference, measurement models

AWARDS AND FELLOWSHIPS	Thomas M. Uhlman Summer Research Fellowship, $6,000	2019, 2018, 2016
	Earle Wallace Award for Graduate Student Teaching, $2,500	2019
	Dean's Graduate Fellowship, $5,000	2018-2019
	Graduate Student Transportation Grant, $1,000	2019

TEACHING EXPERIENCE	**Washington University in St. Louis**	
		Instructor
	• PS 3090: The Scientific Study of Civil War	2020
	• PS 3171: International Conflict Management & Resolution	2019

The University *of* North Carolina *at* Chapel Hill

Instructor

- Poli 281: Quantitative Research in Political Science   2019
- Poli 891: Advanced Topics in Political Data Science Lab   2018, 2017

Teaching Assistant

- Poli 150: International Relations and World Politics   2018, 2017, 2016, 2015
- Poli 203: Race, Innocence, and the Decline of the Death Penalty   2016

ICPSR Summer Program

Teaching Assistant

- Introduction to Applied Bayesian Modeling   2017

TEACHING INTERESTS

Conflict processes, terrorism and political violence, conflict management and resolution, quantitative methodology, geographic information systems

SOFTWARE

RWmisc: Miscellaneous Spatial Functions. Williams, Rob.

BayesPostEst: Generate Postestimation Quantities for Bayesian MCMC Estimation. Karreth, Johannes, Shana Scogin, Rob Williams, and Andreas Beger.

TECHNICAL SKILLS

Statistical computing in R and Python; Bayesian inference with Stan and JAGS; reproducible research with R Markdown; GIS in R; Shiny; webscraping; high performance computing; containerization with Docker and Singularity; git; Bash

CERTIFICATIONS The Carpentries

- **Certified Instructor:** Trained in evidence-based pedagogy for teaching foundational computational and data science skills to diverse groups of researchers

PROFESSIONAL EXPERIENCE Data-driven Analysis of Peace Project

- **Senior Data Scientist:** Developed interactive web portal for distribution of dataset on UN Peacekeeping deployments using Jekyll and Shiny (2020-)

The Odum Institute for Research in Social Science

- **Verification Specialist:** Performed replication and verification of author submitted R, Python, and Stata code for manuscripts accepted for publication in *The American Journal of Political Science* and *State Politics and Policy Quarterly*, contributed to the development of best practices for authors (2016-2019)

ITS Research Computing

- **Support Specialist:** Assisted users of high performance clusters and virtual computing resources on campus, taught introductory R course to research community at UNC (2019)

SERVICE	**Workshop Organization**

- "Measuring and Conceptualizing Rebel Governance," 2019 PSS(I) Annual Meeting, with Amelia Hoover Green
- "Advancing Measurement in the Study of Conflict and Political Violence," 2018 PSS(I) Annual Meeting, with Johannes Karreth & Elizabeth Menninga

Panel Organization

- "Measuring the Less Violent Tools of Statecraft," 2019 ISA Midwest Annual Conference
- "Measuring Strategic Interaction in Conflict with Event Data," 2019 APSA Annual Conference, with Johannes Karreth

Discussant

- "Rebel Group Organization and Formation," 2020 APSA Annual Conference

Departmental Service

- Graduate student peer mentor (2019)
- Coordinator, Methods and Design Workshop (2018-2019)
- Coordinator, Spatial Methods Working Group (2016-2018)

Reviewer
International Studies Quarterly, *Journal of Peace Research*, *Journal of Conflict Resolution*, *Conflict Management and Peace Science*, *Political Science Research and Methods*, *Political Science Research and Methods*, *Comparative Political Studies*, *World Politics*, *Civil Wars*, *Oxford University Press*, *Princeton University Press*, *Journal of Open Source Software*

AFFILIATIONS Peace Science Society (International), International Studies Association, Society for Political Methodology, American Political Science Association

REFERENCES

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