Logan Stundal

PhD Candidate

Minneapolis, MN

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Education

University of Minnesota   *Minneapolis, MN*

PhD, Political Science   *2016 - Present*

- Fields: International Relations and Political Methods
- Advisors: Tanisha Fazal, John Freeman

University of North Dakota   *Grand Forks, ND*

BA, Political Science and Economics   *2013*

- Magna Cum Laude

Dissertation

The Epidemiology of Civil Wars

- My dissertation explores the causal relationship between the dynamics of civil war and the outbreak of disease within these environments. It examines how certain classes of conflict produce differential civilian strategic responses which yield different disease outbreak outcomes. Cross-national and sub-national dynamic spatial models demonstrate theoretical generalizability while detailed case analysis of the Syrian civil war illuminates causal mechanisms.

Relevant Skills

Data Analysis

Spatial Econometrics, Mapping, Time Series, Bayesian Analysis, Visualisation, Data Cleaning, Surveys

Programming

R, Python, SQL, Stan, LaTeX, Git, Javascript

Research Interests

International Relations: Disease outbreaks, civil wars, conflict dynamics, conflict data validation
Methodology: spatial models, diffusion and contagion processes, Bayesian analsysis, simulation, event data

Working Papers

Event Data in Space: Spatial Models of Machine Coded Vs. Human Coded Conflict Data

- (with Benjamin Bagozzi, John Freeman, and Jennifer Holmes), Presented at PolMeth 2019

Media Sentiment and Chinese Foreign Policy: Classifying Reporting with Convolutional Neural Nets

- (with Matt Eichinger)

Rebel Predation and Foreign Aid

- Presented at MPSA 2019

Non-academic writing

"Measles, Ukraine, and Civil War: The Missing Links" (with Tanisha Fazal). *Political Violence @ A Glance*   *March 22, 2019*

Awards, Grants, & Fellowships

Political Science, Teaching Assistant Fellowship	*2017-Present*
Political Science, Summer Fellowship	*2017-Present*
National Science Foundation, GRFP Honorable Mention	*2018*
Graduate Pre-Dissertation Research Fellowship	*2017*
Larson Graduate Research Fellowship in Political Economy	*2016-17*
EITM Certification / Fellowship - ICPSR (NSF Funded)	*2017*
PolMeth Travel Grant, Madison, WI (NSF Funded)	*2017*
Ronald E. McNair Post-Baccalaureate Fellowship	*2009-13*

Teaching and Research Experience

PRIMARY INSTRUCTOR

- POL 3085: Quantitative Analysis

TEACHING ASSISTANT

- POL 1025: Global Politics; POL 1026: Foreign Policy; POL 3085: Quantitative Analysis; POL 4810: The Politics of Nuclear Weapons

RESEARCH ASSISTANT

- John Freeman: Summer 2018 - present
- Ron Krebs: Fall 2019
- Jessica Stanton: Summer 2018

Conference & Workshop Participation

Annual Meetings

Polmeth	*2017, 2019*
Midwest Political Science Association	*2019,2020*
Upper Midwest International Relations Conference	*2018, 2019, 2020*

Workshops

BIGCSS Summer School in Computational Social Science (Breman, Germany)	*Summer 2018*
ICPSR, University of Michigan, Ann Arbor	*Summer 2017*

Service

Minnesota Graduate Student Methods Conference, Organizer	*2018-Present*
Minnesota Political Methods Colloquium, Co-Chair	*2018-Present*
McNair Program: Student Mentor	*2017-Present*
Graduate Student Life Committee, Co-Chair	*2018-19*
TRIO Program - Upward Bound: Mentor	*2016*

Affiliations

Society for Political Methodology
Midwest Political Science Association
International Studies Association

Awards & Achievements

Awards

UMN, Thank a Teacher Award	*2019, 2018*