

Logan Stundal

PHD CANDIDATE

Minneapolis, MN

☎ 701 610 8586 | ✉ stund005@umn.edu | 🏠 loganstundal.com | 📷 [loganstundal](https://www.instagram.com/loganstundal) | 🌐 [logan-stundal](https://www.linkedin.com/company/logan-stundal) | 🐦 [loganstundal](https://twitter.com/loganstundal)

Education

University of Minnesota

PHD, POLITICAL SCIENCE

Minneapolis, MN

2016 - Present

- Fields: International Relations and Political Methods
- Dissertation Committee: Tanisha Fazal (Chair), John Freeman, Mark Bell, Jessica Stanton

University of North Dakota

BA, POLITICAL SCIENCE AND ECONOMICS

Grand Forks, ND

2013

- Magna Cum Laude

Dissertation

EPIDEMIOLOGY AND WAR: DISEASE, CONFLICT, AND PUBLIC HEALTH

- My dissertation explores the connection between civil war and armed conflict on the emergence of disease within or in close proximity to active combat zones. While we have known for quite some time that war leads to disease, our understanding of what types of violence contribute to greater (or lower) incidence of specific disease types has remained limited. I test the causal connections between disease and war using a varied levels of analysis approach that leverages small-n interviews to establish causal mechanisms, spatial-temporal dynamic models of subnational conflict processes to demonstrate these mechanisms, and cross-national quantitative analysis to explore the international consequences of conflict on public health. My dissertation reveals the complex connection between disease and the politics of violence in armed conflicts.

Publications

Forthcoming

HUMAN RIGHTS VIOLATIONS IN SPACE: ASSESSING THE EXTERNAL VALIDITY OF MACHINE GEO-CODED VS. HUMAN GEO-CODED

DATA. ACCEPTED BY *Political Analysis*

2021

- (with Benjamin Bagozzi, John Freeman, and Jennifer Holmes)

Working papers

DISEASE AND WAR: WHY CONFLICT CONTEXT MATTERS AND HOW IT SHAPES DISEASE OUTCOMES

ISA 2021

MAPPING US AND CHINESE HEALTH DIPLOMACY

ISA 2021; APSA 2021

- (with Tanisha Fazal)

GEOSTATISTICAL ANALYSIS IN SPACE AND TIME

APSA 2021

- (with John Freeman and Benjamin Bagozzi)

COMPUTATIONALLY EFFICIENT SPATIAL AND SPATIOTEMPORAL MODELS ESTIMATED WITH NON-LINEAR LEAST SQUARES

HETEROGENEOUS SPATIAL AND SPATIOTEMPORAL DYNAMIC MODELS

REBEL PREDATION AND FOREIGN AID

MPSA 2019

Non-academic writing

“MEASLES, UKRAINE, AND CIVIL WAR: THE MISSING LINKS” (WITH TANISHA FAZAL). *Political Violence @ A Glance*

March 2019

Awards, Grants, & Fellowships

Political Science, Teaching Assistant Fellowship	2017-Present
Political Science, Summer Fellowship	2017-Present
National Science Foundation (NSF), Graduate Research Fellowship Program Honorable Mention	2018
Graduate Pre-Dissertation Research Fellowship	2017
Larson Graduate Research Fellowship in Political Economy	2016-17
Empirical Implications of Theoretical Models - Certification / Fellowship, Inter-university Consortium for Political and Social Research (ICPSR) (NSF Funded)	2017
PolMeth Travel Grant, Madison, WI (NSF Funded)	2017
Ronald E. McNair Post-Baccalaureate Fellowship	2009-13

Teaching and Research Experience

TEACHING ASSISTANT

- POL 1025: Global Politics; POL 1026: Foreign Policy; POL 3085: Quantitative Analysis; POL 4810: The Politics of Nuclear Weapons; POL 4991: Capstone

ICPSR GRADUATE STUDENT INSTRUCTOR

2020, 2021

- (Empirical Modeling with Robert Franzese)

ICPSR WORKSHOP, GUEST LECTURER

2020, 2021

- (Spatial Econometrics with Robert Franzese)

INSTRUCTOR OF RECORD

Summer 2019

- POL 3085: Quantitative Analysis

Research Assistantships

Tanisha Fazal	2021 - present
John Freeman	2018 - present
Ron Krebs	Fall 2019
Jessica Stanton	Summer 2018

Conference & Workshop Participation

Annual Meetings

APSA	2021
Polmeth	2017, 2019
ISA	2021
Midwest Political Science Association	2019
Upper Midwest International Relations Conference	2018, 2019

Workshops

Mapping US and Chinese Health Diplomacy	2021
BIGCSS Summer School in Computational Social Science (Bremen, Germany)	Summer 2018
ICPSR, University of Michigan, Ann Arbor	Summer 2017

Service

Minnesota Political Methods Colloquium, Co-Chair	2018-2021
McNair Program: Student Mentor	2017-2021
Minnesota Graduate Student Methods Conference, Organizer	2018-2020
Graduate Student Life Committee, Co-Chair	2018-19
TRIO Program - Upward Bound: Mentor	2016

Affiliations

American Political Science Association
Society for Political Methodology
Midwest Political Science Association
International Studies Association

Skills

Research Interests

International Relations: Disease outbreaks, civil wars, political violence/conflict processes, humanitarian crises

Methodology: spatial models, diffusion and contagion processes, Bayesian analysis, simulation

Data Analysis

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

Programming

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

Awards & Achievements

Awards

UMN, Thank a Teacher Award

2019

UMN, Thank a Teacher Award

2018

References

TANISHA FAZAL

Professor

- Political Science Department
- University of Minnesota
- Email: fazal007@umn.edu
- Phone: 612-624-8261

JOHN FREEMAN

Professor

- Political Science Department
- University of Minnesota
- Email: freeman@umn.edu
- Phone: 612-624-6018

JESSICA STANTON

Associate Professor

- Political Science Department
- Temple University
- Email: jessica.stanton@temple.edu

MARK BELL

Associate Professor

- Political Science Department
- University of Minnesota
- Email: msbell@umn.edu
- Phone: 612-624-4144

ROBERT FRANZESE

Professor

- Political Science Department
- University of Michigan
- Email: franzese@umich.edu