

# Logan Stundal

PHD CANDIDATE

Minneapolis, MN

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## Education

### University of Minnesota

PHD, POLITICAL SCIENCE

Minneapolis, MN

2016 - Present

- Fields: International Relations and Political Methods
- Advisor: Tanisha Fazal; Committee: John Freeman, Mark Bell, Jessica Stanton

### University of North Dakota

BA, POLITICAL SCIENCE AND ECONOMICS

Grand Forks, ND

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.

## Publications

### Under review

EVENT DATA IN SPACE: SPATIAL MODELS OF MACHINE CODED VS. HUMAN CODED DATA

2021

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

### Working papers

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

Polmeth 2021

MAPPING US AND CHINESE HEALTH DIPLOMACY

ISA 2021; APSA 2021

- (with Tanisha Fazal)

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

ISA 2021

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, 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

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### 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-present

- (Empirical Modeling with Robert Franzese)

### ICPSR WORKSHOP, GUEST LECTURER

2020

- (Spatial Econometrics with Robert Franzese)

### COURSE INSTRUCTOR

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

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### Annual Meetings

APSA

2021

Polmeth

2017, 2019, 2021

ISA

2021

Midwest Political Science Association

2019, 2020

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

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Minnesota Political Methods Colloquium, Co-Chair

2018-Present

Minnesota Graduate Student Methods Conference, Organizer

2018-2020

McNair Program: Student Mentor

2017-Present

Graduate Student Life Committee, Co-Chair

2018-19

TRIO Program - Upward Bound: Mentor

2016

## Affiliations

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American Political Science Association

Society for Political Methodology

Midwest Political Science Association

International Studies Association

## Skills

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### 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

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### Awards

UMN, Thank a Teacher Award

2018, 2019

# References

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## TANISHA FAZAL

*Professor*

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- University of Minnesota
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## JOHN FREEMAN

*Professor*

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## JESSICA STANTON

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## MARK BELL

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## ROBERT FRANZESE

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