Jared F. Edgerton

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Appointments

University of Texas at Dallas, 2022-Present
  Assistant Professor, Department of Political Science

Stanford University, 2022-Present
  External Researcher, Human Trafficking Data Lab

Stanford University, 2021-2022
  Postdoctoral fellow, Human Trafficking Data Lab

Education

The Ohio State University
  Ph.D. in Political Science, 2021
  Masters in Political Science, December 2018
  Graduate minor in Applied Statistics, 2018

Santa Fe Institute Complex System Summer School
  Graduate certificate in complex system modeling, 2018

Juniata College
  B.A., Political Economy 2012

Research & teaching interests

Machine learning • Network analysis • Natural language processing • Computer vision • Artificial intelligence • Complex systems • International Security • Conflict Processes • Political Violence • International Order • Civil War and mobilization

Refereed articles

12. "Meet the press: Gendered conversational norms in televised political discussion." Conditionally Accepted. *The Journal of Politics* (with Daniel Naftel, Skyler Cranmer, and tthe NISS Lab).

11. "Cooperative communities in the international system: Networked cooperation of similar states." Forthcoming. *The Journal of Politics*.

10. "Hierarchy and war." Forthcoming. *American Journal of Political Science* (with Alan van Beek, Bear Braumoeller, and the MESO Research Lab).

9. "Social origins of conflict: Islamic State foreign fighter mobilization." 2023. *Journal of Conflict Resolution*.

8. "Analyzing participants in the 1994 genocide against the Tutsi." 2023. *Journal of Peace Research* (with Hollie Nyseth Nzitatira and Laura C. Frizzell).

7. "The effect of exogenous shocks on team networks." 2022. *Network Science* 10(3): 261–282 (with Skyler J. Cranmer and Victor Finomore).

6. "Disrupting terrorist recruitment: Network knockouts of Islamic State recruiters." 2022. *Journal of Complex Networks 10*(4) cnac017 (with Selena Wang).

5. "Suicide bomber mobilization and kin and peer ties." 2022. *Social Networks 70*(1) 36–54.

4. "Elusive consensus: Polarization in elite communication on the COVID-19 pandemic." 2020. *Science Advances 6*(28) eabc2717 (with Jon Green, Skyler Cranmer, and the NISS Lab).

3. "Crater detection from commercial satellite to identify unexploded ordnance in Cambodian agricultural land." 2020. *PlosOne 15*(3) e0229826 (with Erin Lin, Rongjun Qin, and Daren Kong).

2. "Classifying prisoner returns: A research note." 2016. *Justice Research and Policy 17*(1) 48–70 (with Gerald G. Gaes, Jeremy Luallen, and William Rhodes).

1. "A quasi-experimental evaluation of the impact of public assistance on prisoner recidivism." 2016. *Journal of Quantitative Criminology 34*(3) 741–773 (with Jeremy Luallen and Dierdre Rabideau).

Under review

3. "The Impact of radio on violent conflict: New evidence from Rwanda." Invited to *revise and resubmit to American Sociological Review* (with Hollie Nyseth Nzitatira and Trey Billings).

2. "Insecurity trap: Democratic participation and government accountability in a violent democracy" (with Sarah Brooks).

1. "Mapping Rebellion: Networks of civilian and state violence during civil conflicts" (with Gary Uzonyi).

Book project

Conflict cycles: Group membership, policy diffusion, polarization, and conflict in the international system. I argue that state interactions over the social network of the international system: (1) spread political institutions between and induce cooperation among states, (2) create cooperative communities of states, or groups of states with homophilous political institutions that are less internally conflictual, and (3) violent conflict between these cooperative groups of states recreates the social network of the international system. *In preparation.*

Working papers

2. "Temporal community detection: Generalization of Louvain community detection to accommodate." Algorithm and R statistical package used to identify latent communities in evolving networks.

1. "Unpacking the Gendered Dimensions of Political Violence: Coparticipation and Centrality of Women in the Rwandan Genocide." Measure what causes women to co-participate and be more influential in genocidal violence (with Elizabeth Brannon, Dagmar Heintze, and Hollie Nyseth Nzitaria).

7. "Forecasting trafficking networks: Applied prediction of human trafficking firms in Brazil." Using law enforcement tips to identify potential labor trafficking networks (with the HTDL at Stanford).

6. Guns in the news: Mass shootings and media framing. Project on elite framing of mass shooting events comparing how shooters of different race, sex, and religions are discussed on the major news networks. For the project, we collected all media transcripts for ABC, CBS, CNN, Fox News, MSNBC, and NBC for 2000 to 2020 (with Skyler Cranmer, Cara Nix, Jon Green, Kelsey Shoub, and Daniel Naftel).

5. Revisionist states in American media: Polarized discussions of Russia and China in American media. Project on elite framing of revisionist states in American media. How do Republicans and Democratic media members discuss Russian pre- and post-Wikileaks' dissemination of Podesta's emails. For the project, we collected all media transcripts for ABC, CBS, CNN, Fox News, MSNBC, and NBC for 2000 to 2020 (with Skyler Cranmer, Cara Nix, Jon Green, Kelsey Shoub, and Daniel Naftel)

4. Border and mobilization. Project on how travel restrictions and border fortification affect the inflow of combatants to Syria for the Islamic State. In a project with Chris Blair, I use novel individual level data on mobilization and data on border fortification.

3. Evaluating policing biases: Synthetic text generation at different literacy levels. In a project with Stanford University's Human Trafficking Data Lab, I examine how literacy levels affect policing outcomes. This project uses large language models to generate synthetic text at different literacy levels to assess whether lower literacy rates produce slower predicted police response times.

2. Socialization of genocidal violence: Kin relations and participation in the Genocide in Rwandan. Used the Rwandan gacaca court and interview data to see how socialization affects individuals' participation in political violence. records to identify the role that women played in Hutu militias. This paper is coauthored with Hollie Nyzeth Nzitaria and graduate students.

1. Reconciliation and punishment: Measuring the severity of punishments for participation in the Genocide in Rwanda. Used the Rwandan gacaca court to see what individual and community factors contributed to the propensity to be found guilty and the severity of punishment. This paper is coauthored with Hollie Nyzeth Nzitaria and graduate students.

7. National Science Foundation Research Grant, 2023. Senior personnel on Frameworks: Infrastructure For Political And Social Event Data using Machine Learning $1,500,000.

6. National Science Foundation Research Grant, 2021. Helped draft the grant that established the Ohio State University Modeling Emergent Social Order Research Lab $750,000.

5. Carnegie Corporation Research Grant, 2021. Helped draft the grant that established the Ohio State University Modeling Emergent Social Order Research Lab $200,000.

4. Mershon Center for International Security Studies Research Grant, 2020. Ohio State University student grant award for $4,000.

3. Mershon Center for International Security Studies Research Grant, 2020. Ohio State University student grant award for $4,000.

2. Mershon Center for International Security Studies Research Grant, 2016. Ohio State University student grant award for $5,450.

1. Department of Political Science Research Grant, 2016. Ohio State University award for $5,000.

Talks & conferences

20. Texas triangle, Houston Texas, 2024. Mapping Rebellion: Networks of civilian and state violence during civil conflicts.

19. Political Networks Working Paper Series, Virtual, 2023. Mapping Rebellion: Networks of civilian and state violence during civil conflicts.

18. Invited talk at University of Minnesota, 2023. Networks of and political violence.

17. Invited talk at University of Minnesota, 2023. Networks of and political violence.

16. Invited talk at Indiana University, 2023. Networks of and political violence.

15. Western Political Science Association, San Francisco, CA, 2023. Networks of violence and the diffusion of fighting during civil war.

14. International Studies Association, Montreal Canada, 2023. Networks of violence and the diffusion of fighting during civil war.

13. Texas Methodology, Austin TX, 2022. Temporal community detection: Generalization of Louvain community detection approaches.

12. International Studies Association, Nashville TN, 2022. Forecasting intentional order.

11. American Political Science Association, Seattle WA, 2021. Social origins of genocide: Socialized violence during the Genocide in Rwanda.

10. American Political Science Association, Seattle WA, 2021. Peer countries: State positions in the international bond markets.

9. American Political Science Association, Seattle WA, 2021. Hierarchy and war in the international system.

8. International Studies Association, Virtual, 2020. Peer countries: State positions in the international bond market.

7. Peace Science Society, Virtual, 2020. Social origins of conflict: Islamic State foreign fighter mobilization.

6. Politics of Crime Control and Social Protection Workshop, Virtual, 2020. Crime, insecurity, and democratic participation in South Africa.

5. Political Networks, Virtual, 2020. Conflict cycles: International cooperation and competition.

4. Political and Complex Social Systems Presentation, Virtual Conference, 2020. Polarization in elite communication on guns.

3. American Political Science Association Presentation, Virtual, 2020. Crime, insecurity, and democratic participation in South Africa.

2. International Methods Colloquium, Virtual, 2020. Forecasting rare events: Predicting terrorist attacks at a subnational level.

1. American Political Science Association Presentation, Boston, MA, 2019. Intergroup tie formation: Two-stage exponential random graph model.

Awards

5. Program in Statistics and Methodology Senior Fellow, 2020. Fully funded graduate student fellowship.

4. Francis R. Aumann Award, 2020. Ohio State University award for best graduate student methods paper.

3. Francis R. Aumann Award, 2019. Ohio State University award for best graduate student methods paper.

2. Graduate Student Research Fellowship, 2016. Fully funded graduate student fellowship.

1. Fulbright Fellowship, 2013 to the Republic of Georgia. Fully funded fellowship from the Bureau of Education and Cultural Affairs.

Teaching

Professor University of Texas at Dallas, Fall 2022-Present.
International Conflict (undergraduate and graduate level).

Professor University of Texas at Dallas, Fall 2022-Present.
Introduction to International Relations. **Course was excellent 4.50/5.**

Professor University of Texas at Dallas, Spring 2023-Present.
Regression (Graduate level). **Course was excellent 4.74/5.**

Co-professor ICPSR, Summer 2022.
Data Science & Text as Data.

Fulbright Fellowship, Gurjaani Georgia, 2013
Taught English as a Fulbright Fellow.

Membership

American Political Science Association, 2018-Present. Society of Political Methodology, 2020-Present. International Studies Association, 2020-Present. Political Networks, 2016-Present

Service   Discussant for the Western Political Science Association panel on Civil War and Political Violence.

Convener for the Human Security Junior Scholars Symposium at International Studies Association, Montreal Canada 2023.

Chair of the Political Networks Book Award for American Political Science Association, 2022-Present.

Helped organize Quantitative Junior Scholars in International Security and Conflict Processes, 2022-Present.

Reviewer for American Political Science Review, Journal of Politics, Political Analysis, Journal of Conflict Resolution, Journal of Political Behavior, Social Networks, Journal of Cybersecurity and Privacy

Work experience   Research Associate for Abt Associates, 2013-2016
    Studied human trafficking networks
    Analyzed drug seizure patterns
    Studied prisoner recidivism

Fulbright Fellowship Gurjaani Georgia, 2012-2013.
    Taught English high school and elementary

Peacekeeping and Stability Operations Institute, Summer 2012
    Helped draft materials and memorandums and the Army War College

References

Skyler J. Cranmer
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