

Academic Appointments

Research Fellow, Department of Political Science, Trinity College Dublin	2023 - present
Post-doctoral Researcher, School of Computer Science, University College Dublin	2022 - 2023

Education

Ph.D. Political Science, Texas A&M University	2022
Fields: International Relations and Political Methodology Dissertation: Domestic Audiences and Public Signals in Militarized Crises	
M.A. Political Science, University at Buffalo (SUNY)	2016
M.A. Political Science, Yonsei University	2012
B.A. Political Science, Yonsei University	2008

Research and Teaching Interests

Conflict Processes, Foreign Policy Making, International Political Economy, Text-as-Data, Machine Learning, and Quantitative Research Methods

Peer-Reviewed Publications

- “Signaling Restraints: International Engagement and Rebel Groups’ Commitment to International Law” (with Hyeran Jo, Joshua Alley, and Soren Jordan). 2021. *International Interactions*. 47(5): 928-954
- “Remittances, Terrorism, and Democracy” (with Casey Crisman-Cox). Forthcoming at *Conflict Management and Peace Science*.

Working Papers

- “Winners and Losers in U.S.-China Trade Disputes: A Dynamic Compositional Analysis of Multinational Corporations’ Market Penetration” (with Yoo Sun Jung). Invited to *Revise & Resubmit* to *Social Science Quarterly*.
- “Power Structure, Domestic Constraints, and Selective Targeting.” *Under Review*.
- “Appeal to the Public: Why Leaders Make Public Threats.”
- “Saving Lives: Variety of International Efforts to Reduce Militant Violence” (with Hyeran Jo and Lisa Hultman).

Works in Progress

- “Does the Sector Matter? Deteriorating Political Relations and Foreign Direct Investment” (with Yoo Sun Jung).
- “Multinational Firms and the Impact of Trade Disputes on Investment Decisions” (with Erica Owen and Yoo Sun Jung).
- “Justice v. The Terminator: Militants and Policy Interactions in Conflict Zones” (with Hyeran Jo and Beth Simmons).
- “Optimizing Thresholds in Machine Learning for Improved Regression Analysis” (with Jongwoo Jeong).
- “A Doubly Robust Difference-in-Differences Estimator for Causal Inference with Time-Series Cross-Sectional Data” (with Thomas Chadeaux).

Selected Conference Presentations

Multinational Firms and the Impact of Trade Disputes on Investment Decisions.

- Political Economy of International Organization Annual Conference. 2023. USA.
- European Political Science Association Annual Conference. 2023. UK.
- International Political Economy Society. 2022. USA.
- American Political Science Association Annual Meeting. 2022. USA.

Saving Lives: Variety of international efforts to reduce militant violence.

- Peace Science Society Annual Conference. 2022. USA.
- American Political Science Association Annual Meeting. 2022. USA.

How Well is Enough? Evaluating the Performance of Machine Learning Algorithms and Accuracy of Regression Estimators.

- American Political Science Association Annual Meeting. 2022. USA.

Appeal to the Public: Perceived Public Concerns and Public Threats in Vietnam War.

- American Political Science Association Annual Meeting. 2021. USA.

Remittances, Terrorism, and Democracy.

- International Studies Association Annual Convention. 2022. USA.
- American Political Science Association Annual Meeting. 2020. USA.

Political Tensions and FDI in Developing Countries: Sectoral Heterogeneity and the Risk-Return Tradeoff.

- American Political Science Association Annual Meeting. 2019. USA.
- Midwest Political Science Association Annual Meeting. 2019. USA.

Uncertainty, Domestic Audience, and Selective Targeting.

- Midwest Political Science Association Annual Meeting. 2019. USA.

Teaching

Texas A&M University

International Conflict (undergraduate)	2021
Introduction to Political Science Research (undergraduate)	2019, 2020, 2021

University College Dublin

Political Economy of Security (master, guest lecture)	2022
---	------

Grants and Awards

Political Science Research Bursary, Texas A&M University. \$1,000	2019, 2021
Proof of Concept Proposal, Liberal Arts Social Science Consortium, Texas A&M University. \$5,000	2018
Welch Graduate Student Award, University at Buffalo. \$600	2015
Brain Korea 21 Scholarship, National Research Foundation of Korea. \$12,000	2010 - 2011

Professional Memberships

American Political Science Association, International Studies Association, Midwest Political Science Association, Peace Science Society, International Political Economy Society.

Skills

Programming	R, Python, Stata, SQL, and AmazonAWS
Research Methods	Maximum Likelihood Estimation, Text-as-Data Analysis, Machine Learning, Bayesian Inference, and Spatial Regression Analysis.

References

Thomas Chadeaux
Professor in Political Science
Trinity College Dublin
thomas.chadeaux@tcd.ie

Matthew Fuhrmann
Professor of Political Science
Texas A&M University
mfuhrmann@tamu.edu

Erica Owen
Associate Dean of Graduate School of
Public and International Affairs
University of Pittsburgh
ericaowen@pitt.edu

Hyeran Jo
Associate Professor of Political Science
Texas A&M University
hyeranjo@tamu.edu

Casey Crisman-Cox
Assistant Professor of Political Science
Texas A&M University
c.crisman-cox@tamu.edu

Vivek Nallur
Assistant Professor in Computer Science
University College Dublin
vivek.nallur@ucd.ie