

BRENDAN COOLEY

Last updated July 29, 2020

300 Fisher Hall
Department of Politics
Princeton University
Princeton, NJ 08544

Email: bcooley@princeton.edu

Web: brendancooley.com

Github: github.com/brendancooley

EDUCATION

- 2020 Princeton University, M.A. (2017), Ph.D. (expected), Politics
 Qualifying exams: international relations, formal/quantitative methods, political economy
2014 University of North Carolina at Chapel Hill, B.A., Political Science and Peace, War & Defense
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WORKING PAPERS

[Gunboat Diplomacy: Political Bias, Trade Policy, and War](#)

Conferences: MPSA 2018, SPSA 2019, ISA 2019, Online Peace Science Colloquium 2019

[Estimating Policy Barriers to Trade](#)

Conferences: MPSA 2019, ISA-MW 2019, SPSA 2020

[Trade Policy in the Shadow of Power: Quantifying Military Coercion in the International System](#)

Conferences: APSA 2019, Formal Models of International Relations 2020

[Gunshots and Turf Wars: Inferring Gang Territories from Shooting Reports](#)

with Noam Reich

[How Wide Is the Ethnic Border?](#)

with Scott F Abramson and Bethany Lacina

Conferences: PolMeth 2020

WORKS IN PROGRESS

Prohibition, Theft, and Violence: Monopolistic Exchange in Illicit Markets

with Colin Krainin and Kristopher Ramsay

Conferences: MPSA 2018

Market Structure, Military Coercion, and the International Politics of Oil Production

TEACHING

[Introduction to Mathematics for Political Scientists](#)

Summer 2018, Summer 2019

Princeton University, Co-taught with Dan Gibbs
POL240/WWS312: International Relations (Preceptor)
Spring 2018
Princeton University, Professor: Andrew Moravcsik
POL387: International Intervention and the Use of Force (Preceptor)
Fall 2017
Princeton University, Professor: Melissa Lee
ENG102: Introduction to Literary Analysis
Spring 2016
Garden State Youth Correlational Facility, Princeton Prison Teaching Initiative (PTI)
International Relations Theory and the Rise of China
Spring 2014
University of North Carolina at Chapel Hill, C-START Program

REFERREE

American Political Science Review
Conflict Management and Peace Science
Journal of Conflict Resolution
Political Science Research and Methods

AWARDS AND GRANTS

2020	Harry Frank Guggenheim Foundation Dissertation Fellowship (declined) Fellowship of Woodrow Wilson Scholars (declined) Princeton University, Graduate Fellowship Dean's Completion Fellowship Princeton University, Graduate Fellowship Program in Quantitative and Analytical Political Science (Q-APS) Princeton University, Graduate Fellowship
2019	Fellowship of Woodrow Wilson Scholars Princeton University, Graduate Fellowship Program in Quantitative and Analytical Political Science (Q-APS) Princeton University, Graduate Fellowship Research Program in Political Economy Princeton University Project: Estimating Policy Barriers to Trade Multi-Center Competitive Dissertation Award Princeton University Project: Market Structure, Military Coercion, and the International Politics of Oil Production
2018	Fellowship of Woodrow Wilson Scholars Princeton University, Graduate Fellowship Program in Quantitative and Analytical Political Science (Q-APS) Princeton University, Graduate Fellowship
2017	Program in Quantitative and Analytical Political Science (Q-APS) Princeton University, Graduate Fellowship

PROFESSIONAL EXPERIENCE

2014- Center for Strategic and Budgetary Assessments, Washington, DC
2015 Research Assistant

Internships: Center for Strategic and Budgetary Assessments (2013), Johns Hopkins University Applied Physics Laboratory (National Security Analysis, 2012), U.S.-China Economic and Security Review Commission (2011)

POLICY PAPER

2015 *A Conventional Flexible Response Strategy for the Western Pacific*
 with James Scouras
 Johns Hopkins University Applied Physics Lab

SOFTWARE

python	numpy, scipy, autograd
R	tidyverse, spatial (sp, rgdal, leaflet), plotly, shiny, Rmarkdown
Mathematica	(computer algebra)
IPOPT	(sparse, large-scale, nonlinear optimization)