

# BRENDAN COOLEY

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## 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

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

with Noam Reich

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## WORKS IN PROGRESS

Trade Policy in the Shadow of Power: Quantifying Military Coercion in the International System

**Conferences:** APSA 2019, Formal Models of International Relations 2020

How Wide Is the Ethnic Border?

with Scott F Abramson and Bethany Lacina

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

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## 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

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## REFERREE

*American Political Science Review*  
*Conflict Management and Peace Science*  
*Journal of Conflict Resolution*

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## AWARDS AND GRANTS

2020	Dean's Completion Fellowship 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 <b>Project:</b> Estimating Policy Barriers to Trade Multi-Center Competitive Dissertation Award Princeton University <b>Project:</b> 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

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## PROFESSIONAL EXPERIENCE

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

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## POLICY PAPER

2015      [A Conventional Flexible Response Strategy for the Western Pacific](#)  
with James Scouras  
Johns Hopkins University Applied Physics Lab

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## SOFTWARE

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