

# Steven Beard

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## **Academic appointments:**

University of California, San Diego: Post-doctoral Researcher, Center for Peace and Security Studies, 2019-present

## **Education:**

PhD in Political Science, University of Colorado, Boulder, August 2019

Dissertation: "Fighting, Bargaining, and War Termination: Examining How Battlefield Factors Affect When Negotiations Can End Interstate Wars"

Committee: Jaroslav Tir (Chair), Meg Shannon, Joshua Strayhorn, Aysegul Aydin, Thomas Zeiler

Major field: International Relations (passed comprehensive exams)

Minor field: Political Methodology (passed comprehensive exams)

Third field: Comparative Politics

Master of International Affairs, Bush School of Government and Public Service, Texas A&M University, May 2010

Concentrations: Defense policy and Military Affairs, American Diplomacy

Bachelor of Arts, University of Colorado, May 2006

Major: International Affairs

Honors: Magna Cum Laude, member of Phi Beta Kappa honor society

## **Research and Teaching Interests:**

International Relations

International Conflict and War

Military Strategy

Foreign Policy

Methods (particularly game theory)

## **Peer-reviewed Publications:**

Beard, Steven and Joshua A. Strayhorn. 2018. "When Will States Strike First?: Battlefield Advantages and Rationalist War." *International Studies Quarterly*. 62(1): 42-53.

## **Non-peer reviewed publications:**

Beard, Steven. 2018. "Is There Really Evidence for a Decline of War?" *Think Peace*. OEF Research. May 5, 2018. <http://oefresearch.org/think-peace/evidence-decline-war>. (This

work appears on Paul Poast's "Quantitative Security" syllabus at the University of Chicago)

### **Teaching Experience:**

Graduate Part-Time Instructor

American Foreign Policy (Summer 2015, Fall 2015, Spring 2017)

War, Peace and Strategy (Summer 2016)

Introduction to International Relations (Summer 2018)

International Behavior (Spring 2019)

Teaching Assistant

Introduction to International Relations (Fall 2014, Spring 2016)

Quantitative Research Methods (Fall 2013, Fall 2016)

Introduction to International Affairs (Spring 2013)

### **Dissertation:**

Title: "Fighting, Bargaining, and War Termination: Examining How Battlefield Factors Affect When Negotiations Can End Interstate Wars"

Committee: Jaroslav Tir (Chair), Meg Shannon, Josh Strayhorn, Aysegul Aydin, Thomas Zeiler

Defense date: April 30, 2019

### *Abstract:*

How do interstate wars end? I explore this question in my dissertation by developing the bargaining model of war (e.g. Fearon 1995, Powell 2006, Wagner 2000, Filson and Werner 2002 and others) to include a more detailed account of war processes. In particular, I examine how military strategy affects interstate bargaining and how this relates to war termination. Several significant developments emerge from this examination.

First, it becomes apparent that there are in fact two fundamentally different bargaining situations in interstate wars. Ground wars occur where the states attempt to take and hold territory and can achieve their objectives militarily. Bombardment wars occur when the states only inflict costs on their opponent through air or artillery bombardment, and must rely on their opponent voluntarily making concessions to achieve any changes to the status quo.

Second, examining war termination relative to the military situation at the end of the war shows that standard bargaining explanations fail to adequately explain the actual end of most wars. Wars typically end before credible commitment issues have been fully resolved. However, most wars do not appear to involve freely negotiated settlements, as war outcomes tend not to be intermediate to the two sides' war aims and tend not to involve one side making preemptive concessions before they have been militarily lost. I argue that in ground wars, defensive advantages present commitment problems internal to the war, inhibiting war termination until one side has achieved their war aims. However, once one side, and particularly the stronger, has achieved their war aims, defensive advantages actually cement a war ending settlement.

Finally, bombardment wars must end with the revelation of private information, as the combatants cannot achieve their aims militarily. However, revealing this information is difficult, as individual engagements reveal very little information. Precipitating events may thus be necessary to prompt the end of bombardment wars. I empirically test these theories with

originally coded data on military campaign outcomes. I supplement the quantitative analysis with multiple case studies, demonstrating that the hypothesized mechanism does occur.

**Working Papers (complete drafts):**

“When Do Power Shifts Cause War? Reexamining Commitment Problems as a Source of Rational War” (has been under review)

“Rationalism, Social Constructivism, and Coercion”

**Other Works in Progress:**

“Is War Intensity Declining? Revisiting the Decline of War Hypothesis” (with Christina Boyes)

“The Bargaining Model and Alternative Explanations for War”

**Conference Presentations:**

Midwest Political Science Association Annual Meeting, 2019: Presentation, “A Rationalist Model of Compellence”

ISSS-IS Annual Conference, 2018: Presentation, “A Rationalist Model of Compellence”

International Studies Association Annual Meeting, 2018: Junior Scholar Poster Presentation, “Compellence in a Bargaining Framework.”

Four Corners Conflict Network Annual Conference, 2018: Presentation, “Compellence in a Bargaining Framework.”

ISSS-ISAC Annual Conference, 2017: Presentation, “The Logic of Power Shifts, Commitment Problems and Rational War”

American Political Science Association Annual Meeting, 2017: Presentation, “The Logic of Power Shifts, Commitment Problems and Rational War”

Midwest Political Science Association Annual Meeting, 2017: Presentation, “Exogenous and Endogenous Power Shifts as Causes of Rationalist War”

Four Corners Conflict Network Annual Conference, 2017: Presentation, “Exogenous and Endogenous Power Shifts as Causes of Rationalist War”

Midwest Political Science Association Annual Meeting, 2016: Presentation, “When Will States Strike First? Battlefield Advantages and Bargaining Breakdown” (with Josh Strayhorn)

Four Corners Conflict Network Annual Conference, 2016: Presentation, “The Fog of War: Examining Private Information and War Termination.”

Midwest Political Science Association Annual Meeting, 2015: Presentation, “The Fog of War: How combat fails to reveal private information and prevents combatants from committing to a war settlement.”

**Other Conference Participation:**

Four Corners Conflict Network Annual Conference, 2019: Discussant

Midwest Political Science Association Annual Meeting, 2019: Panel Chair and Discussant

Four Corners Conflict Network Annual Conference, 2018: Discussant-presenter

Four Corners Conflict Network Annual Conference, 2017: Discussant-presenter

**Awards:**

University of Colorado Graduates in Political Science best paper award, 2017 for “The Logic of Power Shifts, Commitment Problems, and Rational War”

Best Qualifying Paper, University of Colorado Political Science, 2014, for “The Fog of War: How combat fails to reveal private information and prevents combatants from committing to a war settlement.”

**Grants and Fellowships:**

Competitively awarded One Earth Future’s ABD fellowship for the 2017-2018 academic year. This both covers tuition and provides a stipend, worth approximately \$30,000.

**Academic Service:**

Graduate Student Representative, Methods Hiring Committee, Fall 2016

Reviewer, *Conflict Management and Peace Science*

Discussant-presenter, Four Corners Conflict Network 2017, 2018, 2019

Discussant, Midwest Political Science Association Annual Meeting, 2019

## **Methods Training:**

Passed comprehensive exams in political methodology

Coursework: Scope and Methods, Quantitative methods sequence (Including OLS regression and MLE estimation), Formal Modeling sequence, Network Analysis, Qualitative Methods

Additional training: CU summer methods camp (2013-2017): Time Series analysis, Multi-level modeling, Bayesian modeling, Causal Inference, Spatial modeling

Software proficiency: STATA, R, LaTeX, Mathematica, Excel

## **References**

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