

# KYLE A. JOYCE

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## ACADEMIC APPOINTMENTS

2008-present Assistant Professor  
Department of Political Science, University of California, Davis

## EDUCATION

Ph.D. Political Science, The Pennsylvania State University, 2008  
M.A. International Relations (with Distinction), University of Essex, 2002  
B.S. Political Science (with Distinction), Eastern New Mexico University, 2000  
B.S. History (with Distinction), Eastern New Mexico University, 2000

## ADDITIONAL EDUCATION

Summer 2006 Empirical Implications of Theoretical Models (EITM) Summer Institute,  
University of Michigan  
Summer 2005 Graduate Workshop in Computational Social Science Modeling & Complexity,  
Santa Fe Institute  
Summer 2003 Inter-University Consortium for Political & Social Research (ICPSR),  
University of Michigan  
Course: Maximum Likelihood Estimation  
Winter 2003 Program in Foreign Policy Decision Making, Texas A&M University  
Course: Winter Institute in Mathematical Modeling  
Summer 2001 Summer School in Social Science Data Analysis & Collection, University of Essex  
Courses: Game Theory & Social Science, Mathematics for Social Scientists I, II, III

## PEER-REVIEWED PUBLICATIONS

2008 **Third-Party Intervention and the Civil War Process** (with Dylan Balch-Lindsay and Andrew J. Enterline). *Journal of Peace Research* 45(3): 345-363.  
2007 **Event Dependence and Heterogeneity in Duration Models: The Conditional Frailty Model** (with Janet M. Box-Steffensmeier and Suzanna De Boef). *Political Analysis* 15(3): 237-256.

## PUBLICATIONS IN EDITED VOLUMES

2005 **Irish National Security Policy** in *Defense and Security: A Compendium of National Armed Forces and Security Policies*, edited by Karl DeRouen, Jr. and Uk Heo. Santa Barbara, CA: ABC-CLIO. pp. 325-339.  
2005 **Swiss National Security Policy** in *Defense and Security: A Compendium of National Armed Forces and Security Policies*, edited by Karl DeRouen, Jr. and Uk Heo. Santa Barbara, CA: ABC-CLIO. pp. 765-780.

## GRANTS & AWARDS

- 2009 Small Grant in Aid of Research,  
University of California, Davis, \$2,000
- Summer 2009 Faculty-Student Collaborative Research Fellowship (with Tamma Burningham),  
Department of Political Science, University of California, Davis
- 2007-08 Robert S. Friedman Award for Excellence in Teaching,  
Department of Political Science, The Pennsylvania State University
- 2007-08 Doctoral Dissertation Improvement Grant, National Science Foundation,  
Methodology Measurement and Statistics Program  
(SES-0648771: March 15, 2007-March 14, 2008), \$8,532
- Spring 2008 International Relations Pre-Doctoral Teaching Fellowship,  
Department of Political Science, The Pennsylvania State University
- Spring 2007 2nd Place, Graduate Exhibition, Social & Behavioral Sciences,  
The Pennsylvania State University
- Spring 2007 Pre-Doctoral Fellow, Quantitative Social Science Initiative,  
The Pennsylvania State University
- Fall 2006 Dissertation Support Grant, College of Liberal Arts,  
The Pennsylvania State University
- Spring 2006 Jesse M. MacKnight Memorial Graduate Scholarship,  
Department of Political Science, The Pennsylvania State University
- 2004-05 Pre-Doctoral Fellow, Social Science Statistics Partnership,  
The Pennsylvania State University
- 2003-04 Outstanding Graduate Student Award,  
Department of Political Science, The Pennsylvania State University
- 2001 Department of Government Prize for Best MA Student, University of Essex
- 2000 Political Science Student of the Year, Eastern New Mexico University
- 2000 History Student Merit Award, Eastern New Mexico University

## WORKS IN PROGRESS

- 2009 **Third Parties and the Dynamics of War Expansion**  
Book manuscript in preparation.
- 2009 **When and Whom To Join: The Expansion of Ongoing Violent Interstate Conflicts** (with Reşat Bayer and Faten Ghosn).  
Revise & Resubmit *British Journal of Political Science*.
- 2009 **The Dynamics of Civil War Re(Occurrence)** (with Janet M. Box-Steffensmeier, Suzanna Linn and Kevin Sweeney).  
Article manuscript being revised for submission.
- 2009 **Geographic Proximity and Third Party Intervention in Ongoing Militarized Interstate Disputes** (with Alex Braithwaite).  
Article manuscript being revised for submission.
- 2009 **Dyads *De Novo*? The Origins of State Pairs, Networked Portfolios & International Politics** (with Andrew J. Enterline and M. Israel Stephens).  
Article manuscript being revised for submission.

## INVITED PRESENTATIONS

- 2007 Air Force ROTC, Leadership Laboratory, The Pennsylvania State University, October.
- 2007 New Faces in Security Studies, Triangle Institute for Security Studies, Duke University, September.
- 2007 Applying Complexity Science to Peacebuilding and Conflict Analysis, Fletcher School of Law and Diplomacy, Tufts University, August.

## SELECTED CONFERENCE PRESENTATIONS

- 2009 **An Agent-Based Model of War Expansion and Diffusion.** To be presented at the 2009 annual meeting of the American Political Science Association.
- 2009 **An Agent-Based Model of War Expansion and Diffusion.** Presented at the 2009 annual meeting of the Midwest Political Science Association.
- 2008 **Dyads *De Novo*? The Origins of State Pairs & International Politics** (with Andrew J. Enterline and M. Israel Stephens). Presented at the 2008 Networks in Political Science Conference.
- 2008 **Multilevel, Frailty Models, and the Onset of Civil War** (with Janet M. Box-Steffensmeier, Suzanna Linn, and Kevin Sweeney). Presented at the 2008 annual meeting of the Midwest Political Science Association.
- 2008 **Geographic Proximity and Third Party Intervention in Ongoing Interstate Wars** (with Alex Braithwaite). Presented at the 2008 annual meeting of the International Studies Association.
- 2008 **Dyads *De Novo*? The Origins of State Pairs & International Politics** (with Andrew J. Enterline and M. Israel Stephens). Presented at the 2008 annual meeting of the International Studies Association.
- 2007 **An Agent-Based Model and Empirical Test of War Expansion.** Presented at the 2007 annual meeting of the Peace Science Society.
- 2007 **An Agent-Based Model and Empirical Test of Third Party Intervention in Interstate Wars.** Presented at the 2007 annual meeting of the American Political Science Association.
- 2007 **An Agent-Based Model and Empirical Test of War Expansion.** Presented at the 2007 annual meeting of the Society for Political Methodology.
- 2007 **When and Whom to Join: The Expansion of Ongoing Violent Interstate Conflicts, 1816-2000** (with Reşat Bayer and Faten Ghosn). Presented at the 2007 Jan Tinbergen Peace Science Conference.
- 2007 **An Agent-Based Model of War Expansion.** Presented at the 2007 annual meeting of the North American Association for Computational Social and Organizational Sciences.
- 2007 **Modeling War Expansion.** Presented at the 2007 annual meeting of the Midwest Political Science Association.
- 2006 **An Agent-Based Model of War Expansion.** Presented at the 2006 annual meeting of the American Political Science Association.
- 2006 **Applying Computational Methods to a Theory of War Expansion.** Presented at the 2006 annual meeting of the Society for Political Methodology.
- 2005 **Competing Outcomes: A Competing Risks Model of Military and Political Outcomes of Interstate Wars** (with Reşat Bayer and Faten Ghosn). Presented at the 2005 annual meeting of the International Studies Association.
- 2004 **A Competing Risks Model of Economic Sanctions.** Presented at the 2004 annual meeting of the Society for Political Methodology.

2003            **The Price of Foreign Policy: Leaders, Winning Coalitions, and the Distribution of Audience Costs** (with Michael T. Koch). Presented at the 2003 annual meeting of the American Political Science Association.

## **TEACHING EXPERIENCE**

Spring 2009    Modeling Complex Adaptive Systems (Graduate)  
Spring 2009    The Scientific Study of War (Undergraduate)  
Fall 2008       Probability and Mathematical Statistics (Graduate)  
Fall 2008       Math Camp (one-week) for Political Science Graduate Students (Graduate)  
Spring 2008    Game Theory in International Relations (Undergraduate)  
Spring 2005    Monte Carlo Simulation Methods (Graduate, Teaching Assistant)  
Fall 2005 &    Methodology Boot Camp for Political Science Graduate Students (Graduate)  
Fall 2003

## **PROFESSIONAL SERVICE**

2008            Discussant, Annual Meeting of the Peace Science Society  
2005            Panel Chair, Annual Meeting of the International Studies Association  
2004            Panel Chair, Annual Meeting of the Midwest Political Science Association  
  
Reviewer: *American Journal of Political Science*, *British Journal of Political Science*, *Journal of Peace Research*, *Conflict Management and Peace Science*, *Political Analysis*, *Journal of Politics*, National Science Foundation

## **DEPARTMENTAL SERVICE**

2008-            Committee Member, International Relations Program Committee  
2008-09        Political Methodology Field Examination Committee  
2008-09        Political Methodology Search Committee  
2003-06        Political Methodology Search Committee, The Pennsylvania State University  
2000-01        International Relations Representative, University of Essex Department of Government Staff-Student Liaison Committee

## **PROFESSIONAL ASSOCIATIONS**

American Political Science Association, Midwest Political Science Association, Peace Science Society International, International Studies Association, North American Association for Computational Social and Organization Sciences

## **COMPUTER SKILLS**

R, Stata, aML, Mathematica, Java, Repast, L<sup>A</sup>T<sub>E</sub>X, Adobe Illustrator, Dreamweaver

## RESEARCH AND TEACHING INTERESTS

### *International Relations*

International Conflict  
Conflict Expansion  
International Relations Theory

### *Methodology*

Formal Modeling  
Quantitative Methods  
Computational Modeling

## REFERENCES

D. Scott Bennett  
Department of Political Science  
The Pennsylvania State University  
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