

# BRIAN ROBERSON

Professor of Economics

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## EDUCATION

Ph.D. 2005 Purdue University, Krannert School of Management, Economics

M.S. 2001 Texas Tech University, Applied Mathematics

B.A. 1999 Texas Tech University, Engineering

## RESEARCH INTERESTS

Game Theory, Economic Theory, Political Economy, Public Economics

## ACADEMIC APPOINTMENTS

Professor, Purdue University, Department of Economics (courtesy appointment with Department of Political Science), 2020 - present

Associate Professor, Purdue University, Department of Economics, 2013 - 2020

Research Affiliate, Chapman University, Economic Science Institute, 2015 - present

Assistant Professor, Purdue University, Department of Economics, 2010 - 2013

Assistant Professor, Miami University, Department of Economics, 2006 - 2010

Visitor, Wissenschaftszentrum Berlin für Sozialforschung (Social Science Research Center Berlin), Market Processes and Governance Research Unit, Summer 2006

Visiting Assistant Professor, Miami University, Department of Economics, 2005

## PUBLICATIONS

"The Colonel Blotto Game" *Economic Theory* **29**, 1-24 (2006).

"Pork-Barrel Politics, Targetable Policies, and Fiscal Federalism" *Journal of the European Economic Association* **6**, 819-844 (2008).

"Electoral Poaching and Party Identification" (with Dan Kovenock), *Journal of Theoretical Politics* **20**, 275-302 (2008).

"Inefficient Redistribution and Inefficient Redistributive Politics" (with Dan Kovenock), *Public Choice* **139**, 263-272 (2009).

"Is the 50-State Strategy Optimal?" (with Dan Kovenock), *Journal of Theoretical Politics* **21**, 213-236 (2009).

"Asymmetric Conflicts with Endogenous Dimensionality" (with Dan Kovenock and Michael J. Mauboussin), *Korean Economic Review* **26**, 287-305 (2010) (Invited Paper).

"Non-Partisan 'Get-Out-the-Vote' Efforts and Policy Outcomes" (with Dan Kovenock), *European Journal of Political Economy* **27**, 728-739 (2011).

"A Blotto Game with Multi-Dimensional Incomplete Information" (with Dan Kovenock), *Economic Letters* **113**, 273-275 (2011).

"The Non-Constant-Sum Colonel Blotto Game" (with Dmitriy Kvasov), *Economic Theory* **51**, 397-434 (2012).

"Weakest-Link Attacker-Defender Games with Multiple Attack Technologies" (with Daniel G. Arce and Dan Kovenock), *Naval Research Logistics* **59**, 457-469 (2012).

"Coalitional Colonel Blotto Games with Application to the Economics of Alliances" (with Dan Kovenock), *Journal of Public Economic Theory* **14**, 653-676 (2012).

"Strategic Defense and Attack for Series and Parallel Reliability Systems: Comment" (with Dan Kovenock), *Defence and Peace Economics* **23**, 507-515 (2012).

"Strategic Defense and Attack for Series and Parallel Reliability Systems: Rejoinder" (with Dan Kovenock), *Defence and Peace Economics* **23**, 521-524 (2012).

"The Robustness of 'Enemy-of-My-Enemy-is-My-Friend' Alliances" (with David Rietzke), *Social Choice and Welfare* **40**, 937-956 (2013).

"Targeted Campaign Competition, Loyal Voters, and Supermajorities" (with Pierre Boyer and Kai Konrad), *Journal of Mathematical Economics* **71**, 49-62 (2017).

"The Optimal Defense of Networks of Targets" (with Dan Kovenock), *Economic Inquiry* **56**, 2195-2211 (2018).

"The Attack and Defense of Weakest-Link Networks" (with Dan Kovenock and Roman Sheremeta), *Public Choice* **179**, 175-194 (2019).

"The Colonel Blotto Game with Costly Reallocation" (with Oz Shy) *Economic Theory Bulletin* (forthcoming) DOI: <https://doi.org/10.1007/s40505-020-00192-7>

"All-Pay Auctions with Ties" (with Alan Gelder and Dan Kovenock), *Economic Theory* (forthcoming) DOI: <https://doi.org/10.1007/s00199-019-01195-7>

"Generalizations of the General Lotto and Colonel Blotto Games" (with Dan Kovenock), *Economic Theory* (forthcoming) DOI: <https://doi.org/10.1007/s00199-020-01272-2>

## **WORKING PAPERS**

"Public Leaderboard Feedback in Sampling Competition: An Experimental Investigation" (with Stanton Hudja and Yaroslav Rosokha) Revise and Resubmit - Review of Economics and Statistics

"Public Debt and the Political Economy of Reforms" (with Pierre Boyer and Felix Bierbrauer)

"Estimating the Gains from Liberalizing Services Trade: the Case of Passenger Aviation" (with Anca Cristea and David Hummels)

"Segmented Equilibria in the N-Player Colonel Blotto Game" (with Dan Kovenock)

"Positional Contests" (with Dan Kovenock)

## **WORK IN PROGRESS**

"Promotion Competition and Ethical Leadership" (with Raquel Ascencio and William Brown)

"Team Innovation Contests with Cognitive Diversity" (with Mouli Modak)

## **BOOK CHAPTERS**

"Allocation Games" *Encyclopedia of Operations Research and Management Science* (2011)

"Conflicts with Multiple Battlefields" (with Dan Kovenock), *Oxford Handbook of the Economics of Peace and Conflict* edited by Michelle R. Garfinkel and Stergios Skaperdas (2011)

## **EDITORIAL POSITIONS**

Associate Editor, *Social Choice and Welfare* (2021 - present)

## **DEPARTMENTAL/SCHOOL SERVICE**

Director of Economics Doctoral Program (2017 - present)

Economics Executive Committee (2014 - present)

Preliminary Examinations Committee (2010 - present, Chair 2019 - present)

Krannert Diversity, Equity and Inclusion Committee (2021 - present)

Krannert Research Committee (2021 - present)

Krannert Doctoral Programs Committee (2019 - present)

Co-Chair Economics Doctoral Program Recruiting and Admissions (2014 - 2018)

Economics Doctoral Program Review Committee (2016 - 2017)

Theory/Experimental Hiring Committee Co-Chair (2015 - 2017)

## **SERVICE TO THE PROFESSION**

Session Organizer — Society for the Advancement of Economic Theory Conference  
2011, 2013, 2015-2021

Program Chair — Fall 2016 Midwest Economic Theory Meetings

Refereeing for Grants — Israel Science Foundation, National Science Foundation, Social Science and Humanities Research Council of Canada

Refereeing for Journals — *American Economic Journal: Microeconomics*, *American Economic Review*, *American Journal of Political Science*, *American Political Science Review*, *Defence & Peace Economics*, *Econometrica*, *Economic Journal*, *Economics Letters*, *Economic Theory*, *European Economic Review*, *European Journal of Operations Research*, *Games & Economic Behavior*, *Journal of Conflict Resolution*, *Journal of Economics & Management Strategy*, *Journal of Economic Psychology*, *Journal of Economic Theory*, *Journal of the European Economic Association*, *Journal of Mathematical Economics*, *Journal of Public Economics*, *Journal of Public Economic Theory*, *Journal of Theoretical Politics*, *International Economic Review*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Mathematics of Operations Research*, *Mathematical Social Sciences*, *Operations Research*, *Public Choice*, *Social Choice & Welfare*, *Southern Economic Journal*, *Theory and Decision*

## **AWARDS & HONORS**

Purdue University, Faculty Scholar Award, 2021

Purdue University, Krannert School of Management, Willis Young Faculty Scholar Award, 2013

Purdue University, Andrews Fellow 2001-2003

First Team Academic All-Big XII Football 1997-1999