Christopher Gandrud, Ph.D.

Research Associate
IQSS, Harvard University
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Academic Positions

Harvard University (from 2017)

Research Associate

I develop and apply statistical software for a wide range of social science applications.

Hertie School of Governance (since 2013)

Post-Doctoral Fellow

I am co-authoring with Prof. Mark Hallerberg a project examining the political economy of responses to financial crises. The project is funded by the Deutsche Forschungsgemeinschaft (German National Research Foundation).

I also designed and taught a graduate-level course on collaborative data science and supervise masters theses.

City, University of London (since 2015)

Lecturer

Lecturer in international political economy (quantitative methods) in the Department of International Politics and the Q-Step Centre.

Yonsei University (2012-2013)

Lecturer

Hertie School of Governance (2010–2012)

Research Associate

London School of Economics (2010-2011)

Fellow in Government

London School of Economics/Peking University (August 2011 & 2012)

Graduate Teaching Assistant

London School of Economics (2009-2012)

Graduate Teaching Assistant

Eduction

London School of Economics (2008-2012)

MRes/PhD Political Science (Quantitative Research Methodology)

Awarded MRes with Distinction

My thesis used signalling games, event history analysis, and case studies to examine how economic policies are made in times of crisis.

- Examiners: Charles Goodhart and Vera E. Troeger
- Supervisors: Cheryl Schonhardt-Bailey and Simon Hix

London School of Economics (2005-2006)

MSc Comparative Politics (Research Methodology)

Graduated with Distinction

McGill University (2003-2005)

BA (Honours) Political Science & Geography

Graduated with First Class Honours, in the top 10% of the class

Other Education

Oxford University Spring Summer School (2014)

Bayesian Hierarchical Models for Social Research (taught by Jeff Gill)

Publications

Papers and book chapters from my research program can be downloaded from http://bit.ly/1HQAi9I.

Published Peer Reviewed Articles

- Financial Regulatory Transparency, International Institutions, and Sovereign Borrowing Costs. With Mark Copelovitch and Mark Hallerberg. Accepted at *International Studies Quarterly*.

- Interpreting Fiscal Accounting Rules in the European Union. With Mark Hallerberg. Forthcoming at *Journal of European Public Policy*.

- Information and Financial Crisis Policy Making. With Mícheál O'Keeffe. Forthcoming at *Journal of European Public Policy*.

- Statistical Agencies and Responses to Financial Crises: Eurostat, Bad Banks, and the ESM. With Mark Hallerberg. 2016. *West European Politics*. 39(3): 545-564.

- Two Sword Lengths Apart: Credible commitment problems and physical violence in democratic national legislatures. 2016. *Journal of Peace Research*. 53(1): 130-145.

  - Interviewed about research on CBC Radio 1.
  - Applied to understanding violence in the Turkish Parliament in Political Violence @ a Glance.
  - Applied to understanding violence in the Ukrainian Parliament in VoxUkraine.
  - Write up on the Monkey Cage with Emily Beaulieu.

- Does Banking Union Worsen the EU's Democratic Deficit? The need for greater supervisory data transparency. With Mark Hallerberg. 2015. *Journal of Common Market Studies*. 53(4):769-785.

  - Data set updated through 2015 at Bruegel.

- When All is Said and Done: Updating 'Elections, Special Interests, and Financial Crisis'. With Mark Hallerberg. 2015. *Research and Politics*. 2(3):1-9.

- Inflated Expectations: How Government Partisanship Shapes Bureaucrats' Inflation Forecasts. With Cassandra Grafström. 2015. *Political Science Research and Methods*. 3(2):253-380.

  - Write up on the Monkey Cage.

- simPH: An R Package for Illustrating Estimates from Cox Proportional Hazard Models Including for Interactive and Nonlinear Effects. 2015. *Journal of Statistical Software*. 65(3):1-20.

- Letting German Banks Fail: Federalism and decisions to save troubled banks. With Sahil Deo, Christian Franz, and Mark Hallerberg. 2015 *Politische Vierteljahresschrift* (PVS). 56(2): 159-181.

  - Application of the theoretical framework to Austria published on the World Economic Forum.

- Competing Risks and the Mechanisms of Deposit Insurance Governance Convergence. 2014. *International Political Science Review*. 35(2):197-217.

- The Diffusion of Financial Supervisory Governance Ideas. 2013. *Review of International Political Economy*. 20(4):881-916.

Peer Reviewed Book

- Reproducible Research with R and RStudio. 2015. Second Edition *Chapman & Hall/CRC Press division of the Taylor & Francis Group*.

  - First edition reviewed in *The American Statistician*. 2014. 68(4):313–314.

Other Published Academic/Policy Articles

- Visualize Dynamic Simulations of Autoregressive Relationships in R. With Laron K Williams and Guy D Whitten. *The Political Methodologist.* 23(2): 6-10.

- Financial Regulatory Transparency: New data and implications for EU policy. With Mark Copelovitch and Mark Hallerberg. *Bruegel Policy Contribution.* December 2015.

- Corrections and Refinements to the Database of Political Institutions' **yrcurnt** Election Timing Variable. 2015. *The Political Methodologist.* 22(2): 2-4.

- Bad Banks in the EU: The impact of Eurostat rules. With Mark Hallerberg. *Bruegel Working Paper.* 2014/15.

- Supervisory Transparency in the European Banking Union. With Mark Hallerberg. *Bruegel Policy Contribution.* January 2014.

- Who Decides?: Resolving Failed Banks in a European Framework. With Mark Hallerberg. *Bruegel Policy Contribution.* November 2013.

    - Published in Polish as "Kto decyduje? Mechanizm Restrukturyzacji i uporzadkowanej likwidacji banków w eropejskich ramach". 2014. *Nowa Europa.* 1(17): 114-141.

- GitHub: A tool for Social Data Set Development and Verification in the Cloud. 2013. *The Political Methodologist.* 20(2):2-7.

Under Review/Working Papers

- What is a Financial Crisis? Efficiently Measuring Real-Time Perceptions of Financial Market Stress with an Application to Financial Crisis Budget Cycles. With Mark Hallerberg. Revise and resubmit to the *British Journal of Political Science.*

- Speaking Under Stress: An Analysis of Federal Reserve Speeches. With Kevin Young.

- Predicting Self-fulfilling Financial Crises. With Thomas Pepinsky.

- Creating Scrutiny Indicators: A Change Point Exploration of Congressional Scrutiny of the US Federal Reserve. With Kevin Young.

- Bad Banks as a Response to Crises: When Do Governments Use Them, and Why Does Their Governance Differ? With Mark Hallerberg.

- Clearing the Benches: How institutional incentives shape legislative brawls. With Emily Beaulieu and Nathan Batto.

- Truth, Justice or Impunity? Policy Responses to the European Financial Crisis. With Iosif Kovras, Shaun McDaid, and Ragnar Hjalmarsson.

Academic Work in Progress

- On Whose Account? Financial Crises, Elections, and the Rules of the Game. Book project with Mark Hallerberg.

- Pulling the Trigger: When do governments use macro-prudential policies? With Jeff Chwieroth.

- The Comparative Political Economy of Payment System Reform. With Stefano Pagliari, Irene Spagna, and Kevin Young.

- pltesim: An R package for simulating probabilistic long-term effects in models with temporal dependence. With Laron K. Williams.

- Fed Governors' Predictions: Professional background and Partisan Affiliation

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Teaching

City University London (Lecturer)
- IP2038: Data Analysis in the Real-World
- SG1021: Lies, Damn Lies, and Statistics
- SG1022: Producing Social Data

Hertie School of Governance (Lecturer)
- MPP-E1180: Introduction to Collaborative Social Science Data Analysis

Yonsei University (Lecturer)
- INT3042: Introduction to Social Science Data Analysis
- NT4021: The Global Monetary & Financial System
- EIC3120: International Political Economy
- INT3041: War, Peacebuilding, and Reconstruction
- INT3040: Understanding Global Affairs

London School of Economics (Fellow or Teaching Assistant)
- MI452: Applied Regression Analysis
- MI451: Introduction to Quantitative Analysis
- GV101: Introduction to Comparative Politics
- FN208: Post-Crisis: What Next for the International Financial and Monetary Systems? (LSE-Peking University Summer School)

Conference Presentations/Invited Talks
- LSE Systemic Risk Centre Conference (2016)
- School of Politics and International Relations Research Seminar, University of Kent (2016)
- International Political Economy Society Conference (2013/2015/2016)
- Politics of Secrecy Workshop, University of Munich (2016)
- American Political Science Association Annual Conference (2012–2016)
- Université de Montréal political science talk.
- European Political Science Association Annual Conference (2011/2014/2016)
- Bank of Iceland: Capital Flows, Systemic Risk, and Policy Responses Conference (2016)

- Freie Universität Berlin: Financial Crisis Workshop (2016)

- University of Mannheim: Political Forecasting (2015)

- Texas A & M University: Political Budgeting Across Europe (2015)

- Open Energy Modeling Workshop (2015)

- Political Economy of International Organizations (2015)

- Princeton University: Monetary Policy and Central Banking: Historical analysis and contemporary approaches (2015)

- Banking Regulation and Supervision and the Great Leap Forward in European Integration, Brussels (2014)

- University of Mannheim: Textual Analysis in the Social Sciences (2014)

- YoungDNB Seminar on Transparency, Bank of the Netherlands (2014)

- csv,Conf (2014)

- Midwestern Political Science Association Annual Conference (2012/2014)

- CESifo Area Conference on Macro, Money, and International Finance (2014)

- International Studies Association Annual Convention (2012/2013)

- Waseda University GLOPE II Conference on Political Institutions (2012)

- Korean Political Science Association World Congress (2011)

- ECPR Regulation in the Age of Crisis (2010)

Other Professional Activities

Software

- coreSim: Core functionality for simulating quantities of interest from generalised linear models.

- DataCombine: R tools for making it easier to combine and clean data sets.

- dpmr: Data package manager for R (with the Open Knowledge Foundation).

- dynsim: An R implementation of dynamic simulations of autoregressive relationships (with Laron K Williams and Guy D Whitten).

- imfr: R package for interacting with the International Monetary Fund's RESTful JSON API.

- networkD3: Tools for creating D3 JavaScript network graphs from R. With JJ Allaire and RStudio.

- plotMElm: Plot interaction marginal effects, including with false discovery rate confidence intervals, from linear models.

- pltesim: Simulate probabilistic long-term effects in models with temporal dependence (with Laron K Williams).

- repmis: A collection of miscellaneous tools for reproducible research with R.

- simPH: Tools for simulating and graphing quantities of interest estimated using Cox Proportional Hazards models.

Reviewer

American Political Science Review, Chapman & Hall/CRC Press, Economics and Politics, International Political Science Review, International Studies Perspectives, International Studies Quarterly, Journal of Common Market Studies, Journal of Statistical Software, Managerial Finance, Manning Publications Co., Packt Publishing, Political Science Research and Methods, Political Research Quarterly, Regulation and Governance, Review of International Political Economy, Routledge, Sage Publishing.

Professional Memberships

I am or have been a member of the Foundation for Open Access Research, American Political Science Association, the European Political Science Association, and the Midwest Political Science Association, rOpenGov.

External Funding/Awards

- European Research Council Horizon 2020 (1.5 million Euros, Ronen Palan principal investigator)

- LSE IR Department Seed Grant (with Jeff Chwieroth)

- Project grant (270,000 Euros) from the Deutsche Forschungsgemeinschaft (with Mark Hallerberg)

- LSE Class Teacher Award, Quantitative Methodology (2009-2010)

- LSE Government Department PhD Studentship (2008-2012)

- Penn State University President's Award

- Canadian Tower Scholarship for the Environment

Other Skills

IT

I am a highly skilled user of Amazon EC2, Bash, CSS, Git/GitHub, HTML, JAGS, JavaScript, Julia, knitr, LaTeX, Linux, Lyx, MS Office, MySQL, Python, R, Shiny web apps, SPSS, Stan, and Stata.

Languages

I have studied Spanish, French, Korean, and am currently working on German.

References

Prof. Ronen Palan
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