

Raymond Hicks

Data Scientist, Researcher in International Political Economy, Quantitative Analyst

866 North 30th Street, Philadelphia, PA 19130 ◦ (212) 246-2663 ◦ rh2883@columbia.edu

Google scholar page: <https://scholar.google.com/citations?user=9zIV3HQAAAAJ&hl=en&oi=ao>

Expertise

- Quantitative analysis, data management, statistical programming
- Research in international and comparative political economy
 - Empirical and substantive contributions to the study of international trade and monetary policy

Education

Ph.D. Emory University, Political Science, 2004

B.A. The College of William and Mary, Economics and Government, 1993

Work Experience

9/17- **COLUMBIA UNIVERSITY, History Lab**

Project manager

- Use text analysis tools, including Python and SQL to analyze State Department cables as data
- Responsible for maintaining database of more than 3 million documents, codebase, and virtual servers
- Work with 5 other team members and outside consultants to identify, acquire, and process new document collections
- Identify and pursue grant funding opportunities
- Author papers on existing data within the database

7/05-8/17 **PRINCETON UNIVERSITY, Woodrow Wilson School, Niehaus Center for Globalization and Governance**

Statistical programmer

- Wrote statistical packages for use in quantitative social science analysis
 - Stata packages for mediation analysis (*medeff*), sensitivity analysis (*poet*), finding Dropbox accounts (*dropbox*), and converting between different country codes (*ccode*)
- Created several datasets used in my own or others' publications
 - Compiled and coded highly cited dataset on legal central bank independence for 80 countries over the years 1973 to 2010
 - Compiled database of PTAs and ratification dates
 - Coded legal texts of 57 Asian PTAs for strength of their commitment
 - Created dataset of bilateral trade flows for 1900-1949 from national publications for about 100 countries
 - Created Stata database of more than 3000 diplomatic exchanges between U.S. policy-makers and foreign dignitaries from html files
 - Compiled dataset of immigration flows and naturalization statistics for OECD countries
- Chief consultant for faculty, fellows, and graduate student on data analysis and statistical programs
 - Techniques include: event history, time-series, cross-sectional analysis, logit, propensity score matching, heckman, and correcting for autoregression in panel data
 - Consult with students, faculty, and fellows and answer questions on statistical methods and packages
- Responsible for maintaining and updating the Center's website
 - Create pages with links to data sources of interest to fellows and associates of the Center
 - Developed an online registration website using PHP for a conference that NCGG was helping sponsor
 - Used PHP to maintain NCGG fellows application website

1/13-12/16 INTERNATIONAL POLITICAL ECONOMY SOCIETY

Managing director

- Responsible for organization and administration of annual two-day conference bringing together 125 participants and 75 papers
 - Created and maintained the International Political Economy Society website
 - Used PHP to create and manage online proposal and paper submission
 - Maintain IPES mailing list

Published papers

- “Do international investors "buy" central bank independence: Evidence from the price and volume of international sovereign borrowing” (with Cristina Bodea), accepted at *Economics and Politics*
- “Big Treaties, Small Effects: The Reciprocal Trade Agreements” (with Joanne Gowa), accepted at *World Politics*
- “Do We Really Know the WTO Cures Cancer?” (with Stephen Chaudoin and Jude Hayes), forthcoming at *British Journal of Political Science*.
- “Conflict and Commerce: New Data about the Great War” (with Joanne Gowa), forthcoming at *British Journal of Political Science* 47(3): 653-674.
- “Does Enforcement Matter? Judicialization in PTAs and Trade Flows” (with Soo Yeon Kim), 2015, *World Trade Review* 14(S1): S83-S106.
- “International finance and central bank independence: Institutional diffusion and the flow and cost of capital” (with Cristina Bodea), 2015, *Journal of Politics* 77(1): 268-284
- “Trade and Methodology”, chapter 5 in the *Oxford Handbook of the Politics of Trade*, edited by Lisa Martin.
- “Price stability and central bank independence: Discipline, credibility and democratic institutions” (with Cristina Bodea), 2015, *International Organization* 69(1): 35-61.
- “Stata and Dropbox”, 2014, *Stata Journal* 14(3): 693-696.
- “Investor Perceptions and Trade Agreements – An Experiment-based Approach” (with Julia Gray), 2014, *International Interactions* 40(3): 325-249.
- “Trade Policy, Economic Interests and Party Politics in a Developing Country: The Political Economy of CAFTA” (with Helen Milner and Dustin Tingley), 2014, *International Studies Quarterly* 58(1): 106-117.
- “Politics, Institutions, and Trade between the Wars: New Data and Conventional Wisdom” (with Joanne Gowa), 2013, *International Organization* 67 (3): 439-467.
- “Reciprocal Trade Agreements in Asia: Credible Commitment to Trade Liberalization or Paper Tigers?” (with Soo Yeon Kim), 2012, *Journal of East Asian Studies* 12(1): 1-29.
- “The Most-Favored Nation Rule in Principle and Practice: Discrimination in the GATT” (with Joanne Gowa), 2012, *The Review of International Organizations* 7(3): 247-266.
- “Causal Mediation Analysis” (with Dustin Tingley), 2011, *Stata Journal* 11 (4): pp. 605-619.

Papers under review/Working papers

- “The Politics of Globalizing Production: Why we See Investment Chapters in Preferential Trade Agreements” (with Kris Johnson)
- “Reconstructing Trade after the World Wars: Did Institutions Matter?” (with Joanne Gowa)
- “Trade and Economic Diplomacy” (with Matthew Connelly and Nathan Fabius)

Software

poet – Stata command to run sensitivity analysis (based on “Do We Really Know the WTO Cures Cancer”)

dropbox – Stata command to find user’s Dropbox directory

mediation – Stata package for conducting causal mediation analysis and sensitivity analysis, with Dustin Tingley.

ccode – Stata program for converting between various country codes from various sources, including the Correlates of War, the IMF, the World Bank, and a generic country label.

Computer Languages and Software

Stata, PHP, MySQL, R, LaTeX, Python, SPSS

Professional activities

Conferences organized - Monetary Policy and Central Banking: Historical analysis and contemporary approaches (with Cristina Bodea, Harold James, and Helen Milner, February 6-7, 2015); *The Politics of Preferential Trade Agreements: Theory, Measurement, and Empirical Applications* (with Soo Yeon Kim and Helen Milner, April 30-May 1, 2010)

International Political Economy Society – Computer and web person for IPES. Responsible for maintaining the IPES website and running the IPES mailing list. Named Managing Director as of January 1, 2013.

Virtual IPES – Co-founder of virtual IPES. Online workshop for about 8 papers a year.

Reviewer – *Journal of Peace Research*; *International Organization*; *Journal of East Asian Studies*; *World Politics*; *British Journal of Political Science*; *Review of International Organizations*; *International Interactions*; *International Studies Review*; *Sustainability*

Datasets created for co-authored publications

Asian PTA credibility - 57 Asian PTAs signed as of the year 2007 are coded along 4 categories and 19 dimensions to create an overall score measuring the credibility of each PTA

Interwar imports - Going back to national sources on trade for the 1900-1949 period, bilateral imports from 100 countries were coded

Central bank independence – Coded the central bank laws of 80 countries based on the Cukeriman, Webb, and Neyapti index for the period 1973 to 2009

RTAA -- Commodity-level U.S. imports by country for the period 1934 to 1946

Conference papers and presentations (last 5 years)

“Money Laundering as an Unintended Consequence of Preferential Trade Agreements” (with Julia Gray), presented at the 2017 International Studies Association conference and the 2017 European Political Science Association conference

“Central Banks, Economic Growth, and Inequality” (with Cristina Bodea), presented at the 2016 American Political Science Association conference

“Big Treaties, Small Effects” (with Joanne Gowa), presented at the 2016 American Political Science Association conference

“Credit Rating Agencies and Central Banks: Does better central bank governance reduce the cost of capital?” (with Cristina Bodea), presented at the 2014 International Political Economy Society meeting.

“Do international investors "buy" central bank independence: Evidence from the price and volume of international sovereign borrowing” (with Cristina Bodea), presented at the 2014 International Studies Association conference and the 2014 European Political Science Association conference

“Do We Really Know the WTO Cures Cancer?” (with Stephen Chaudoin and Jude Hayes), presented at the 2013 International Political Economy Society conference, the 2014 International Studies Association conference, and the 2014 American Political Science Association conference

- “Central bank independence, political institutions and economic growth: New data and a global sample” (with Cristina Bodea), presented at the 2013 Midwest Political Science Association Conference and 2013 European Political Science Association conference
- “Investor Perceptions and Trade Agreements – An Experiment-based Approach” (with Julia Gray), presented at the 2012 International Political Economy Society conference; presented at the 2013 Midwest Political Science Association Conference
- “Central Bank Independence and Inflation: Updating the evidence” (with Cristina Bodea), presented at the 2012 International Political Economy Society conference
- “Conflict and Commerce: New Data about the Great War” (with Joanne Gowa), presented at Princeton’s IR Faculty Colloquium
- “BITs vs. PTAs: Unpacking the Effects of Bilateral Agreements” (with Kris Johnson), presented at the 2011 Midwest Political Science Association Conference; the 2011 American Political Science Association Meetings; and the 2011 Politics of FDI workshop at Princeton University.
- “Did the Interwar Trade Blocs Matter? New Data and Conventional Wisdom” (with Joanne Gowa), presented at Princeton’s IR Faculty Colloquium; the 2010 IPES conference; and the 2011 American Political Science Association Meetings.

References

- Joanne Gowa, Professor of Politics, Princeton University (jgowa@princeton.edu)
- Christina Davis, Professor of Politics, Princeton University (cldavis@princeton.edu)
- Helen Milner, Professor of Politics, Princeton University (hmilner@princeton.edu)
- Cristina Bodea, Associate Professor of Political Science, Michigan State University (bodeaana@msu.edu)

Research Interests

- Comparative Political Economy; Comparative Political Institutions; Positive Political Economy; International Political Economy