

# ROBERT W. WALKER

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*Atkinson Graduate School of Management, Willamette University, 900 State Street, Salem, Oregon 97301*

Office: (503) 375-5475      Cell: (314) 378-5050      Fax: (503) 370-6826

E-mail: [rwalker@willamette.edu](mailto:rwalker@willamette.edu)

## Education

PH. D. IN POLITICAL SCIENCE, UNIVERSITY OF ROCHESTER, 2005

Dissertation: *Multiple Choice: Policy Substitution and Complementarity with Heterogeneity*

Committee: Ronald W. Jones, Curtis S. Signorino, Alan C. Stockman, Randall W. Stone (Advisor)

M. A. IN POLITICAL SCIENCE, UNIVERSITY OF ROCHESTER, 2002

Examinations: International relations, political methodology, comparative political economy.

B. A. WITH HONORS, UNIVERSITY OF TEXAS AT AUSTIN, 1995

Major: Post-Soviet and East European Studies

Exchange: Maurice Thorez Institute of Foreign Languages<sup>1</sup>, Moscow, Russia, 1994

Thesis: *Grand Failure or World Savior: The Nazi-Soviet Pact of 1939.*

## Academic Appointments

### CURRENT

**Associate Professor of Quantitative Methods**

*Atkinson Graduate School of Management  
Willamette University, 2012–*

**Honorary Instructor**

*Essex Summer School in Social Science Data Analysis  
University of Essex, 2010–*

### PRIOR

Visiting Assistant Professor of Political Science

*Rice University, 2011-2012*

Assistant Professor of Political Science and Applied Statistics

*Washington University in Saint Louis*

Resident Fellow, Center in Political Economy

*2006–2011*

Assistant Professor of Political Science

*Texas A&M University, 2005–2006*

Research Fellow

*Institute for Quantitative Social Science, Harvard University, 2005*

Research Fellow and Visiting Instructor

*Dartmouth College, 2004-05*

## Awards

Jerry E. Hudson Award for Excellence in Teaching

2018

Warren Miller Prize for best article in *Political Analysis* [with C. Signorino and M. Bas]

2009

Fellow of the British Election Study

2009–2010

Research Grant, Weidenbaum Center on the Economy, Government, and Public Policy

2006–2008

Research Fellowship, Department of Government, Dartmouth College

2004–2005

Graduate Teaching Award, Department of Political Science, University of Rochester

2000-2001

Charles E. Lanni Research Fellowship

2001, 2002, 2004

University Fellowship in Political Science, University of Rochester

2000–2004

NSF Fellow, Wallis Institute for Political Economy, University of Rochester

1999-2000

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<sup>1</sup>Сейчас Московский Государственный Лингвистический Университет

## Publications, Reviews, and Research Presentations

### ARTICLES

Maltz, Elliot, Robert W. Walker, Razhan Omar Muhammad, Jay Joseph. 2024. "A biosocial gender analysis of entrepreneurial behaviors in conflict zones: evidence from Iraqi-Kurdistan." *Journal of Entrepreneurship in Emerging Economies*: 16(1):89–118.

Tim Johnson and Robert W. Walker 2018. "The Career Advancement of Military Veterans in Recent Cohorts of the U.S. Executive Branch" *Public Personnel Management*:47(4): 382–97.

Rizova, P. S., Gupta, S., Maltz, E. N., and Walker, R. W. 2018. Overcoming equivocality on projects in the fuzzy front end: Bringing social networks back in. *Technovation*: 78(Dec.): 40–55.

Robert W. Walker 2016. "On Generalizing Cumulative Ordered Regression Models," *Journal of Modern Applied Statistical Methods* 15:2:Article 28.

Kawika Pierson, Fred Thompson, Robert W. Walker. 2016. "Property Tax Fairness in Multnomah County, Oregon." *California Journal of Politics and Public Policy* 8:2.

Itai Sened, Marshall W. Thompson, and Robert W. Walker. 2014 "The State, Property Rights and the Middle Class: Empirical Support for an Aristotelian Observation." *Indiana Journal of Political Science* 14:62–86.

Skip Krueger, Robert W. Walker, and Ethan Bernick. 2011. "The Intergovernmental Context of Alternative Service Delivery Choices" *Publius: The Journal of Federalism*: 41(4): 709–33.

Skip Krueger and Robert W. Walker. 2010. "Management Practices and State Bond Ratings" *Public Budgeting and Finance* 30(4): 47–70

Skip Krueger, Christopher V. Hawkins, and Robert W. Walker. 2010. "The Cost of Boosterism: Economic Development, Growth Management, and Municipal Bond Ratings" *Municipal Finance Journal* 31(2):51-75.

Itai Sened, Marshall Thompson, Robert Walker, and Ron Watson. 2010. "The Middle Class: A New Conceptual Framework and a Brief Application to the Caucasus." *The Caucasus & Globalization Journal of Social, Political, and Economic Studies* 4(1-2): 106–17 (in English and по-русский).

Valeria Sinclair-Chapman, Robert W. Walker, and Daniel Q. Gillion. 2009. "Unpacking Civic Participation: Analyzing Trends in Black [and White] Participation over Time." *Electoral Studies*, 28(4): 550-561.

Robert W. Walker and Skip Krueger. 2009. "Now You See It, Now You Don't: The Mysterious Case of the Vanishing Split Bond Ratings in the U. S. States" *Public Budgeting and Finance* 29(1): 84–101.

Robert W. Walker and Skip Krueger. 2008. "Divided Government, Political Turnover, and State Bond Ratings." *Public Finance Review* 36(3): 259–86.

Muhammet A. Bas, Curtis S. Signorino, and Robert W. Walker. 2008. "Statistical Backwards Induction: A Simple Method for Estimating Recursive Strategic Models." *Political Analysis* 16(1): 21–40.

*Received the 2009 Warren Miller Prize for best article in Political Analysis: ISI Impact Factor: 4.780*

Matthew J. Lebo, Robert W. Walker, and Harold D. Clarke. 2000. "You Must Remember This: Dealing with Long Memory in Political Analyses." *Electoral Studies* 19(1):31-48.

#### PRACTITIONER

G. Frederick Thompson, and Robert W. Walker. 2014 (Solicited) "Special Report: A Tale of Two Cities: Learning from Oregon's Property Tax Administration" *State Tax Notes* Nov. 3, 2014:273-84.

#### COMMENTS

Walker, Robert W. 2010. "Proportionality, Dimensionality, and Scientific Validity in Ordered Regression Models" Peer-reviewed comment accepted for publication by *Sociological Methods and Research* on the SMR blog.

#### BOOK REVIEWS

Takezawa, Kunio. 2006. *Introduction to Nonparametric Regression*. Hoboken, NJ: John Wiley & Sons. *The Political Methodologist* 16(1): 15-17.

Brown, Nathan J. 1997. *The Rule of Law in the Arab World: Courts in Egypt and the Gulf*. Cambridge, UK: Cambridge University Press. *Law and Politics Book Review* 8(11): 409-11.

#### RESEARCH PRESENTATIONS AND WORKING PAPERS

"Veterans' Preference and Educational Qualifications": with Tim Johnson. *Revise and Resubmit: Statistics and Public Policy*.

"Valuing the MPA for City Managers: A Counterfactual Approach": Association for Budgeting and Financial Management (ABFM), 2013, Washington, DC.

"Oregon's Property Tax System": Association for Budgeting and Financial Management (ABFM), 2013, Washington, DC.

"On the Timing of Credit Ratings Changes: Of Competing Risks and Thresholds for Movement": Association for Budgeting and Financial Management (ABFM), 2011, Washington, DC.

"The Between and Within of State Savings and State Credit Quality: Do Short-Run Changes in Savings Behavior Matter?": ABFM 2010, Omaha, NE.

"A Simple Approach to Between and Within Variance Characterization in TSCS Data: Separating the Short- and Long-Run in Panel Data": APSA 2010

"The Intergovernmental Context of Alternative Service Delivery Choices": MPSA 2010; FSU Conference on States as Facilitators or Obstructionists of Local Governments; *Published*

"On Generalizing Cumulative Ordered Regression Models" *Published.st*

"Measuring Management Capacity in the US States": MPSA 2010 [with S. Krueger and R. Greer] *In final revisions for submission*.

"Local Development Policy and Bond Ratings" [with E. L. Krueger and C. V. Hawkins]: ABFM, 2008, *Published*.

- “Randomization and Causal Inference for Hierarchical GLMs”*: MPSA 2010 [with Gordon A. Arsenoff, Department of Political Science, Washington University]
- Instrumental Variables/Broken Treatments;
  - Vector-valued Treatments
  - Cross-level effects
- “Markov Models and Matching Approaches to Social Connectedness and Criminal Behavior”* [with Jennifer Jolley, Brown School of Social Work, Washington University]
- “Proportionality, Dimensionality, and Scientific Validity in Ordered Regression Models”* Comment in SMR.
- “Robust is not so Robust: Problems in the Application of “Robust” Covariance Matrices with and without Clusters”*: MPSA 2009.
- “Management and Credit Quality in the U. S. States”*: MPSA 2009. *Published*
- “Human Rights, Democracy, and Development”*: MPSA 2008.
- “Path/Phat/State Dependence in Observation-Driven Markov Models”*: Methods, 2007; Department of Psychology, Washington University; Conference on Path Dependence, Minneapolis, MN, June 2010.
- “Models and Measures in the Study of Nominal Exchange Rate Regimes”*: MPSA, APSA, 2007; Texas A&M University, 2008.
- “Fiscal Institutions and Bond Risk in the U.S. States”* [with E. L. Krueger]: MPSA, 2007.
- “Working Group on Measuring the Middle Class”* [with I. Sened, S. Fazzari, R. Moore, M. Medina, R. Watson]: Center for New Institutional Social Science, Washington University.
- “The State, Property Rights and the Role of the Middle Class: A Fresh Start.”* [with I. Sened and M. W. Thompson]: St. Louis Initiative Conference, Washington University in Saint Louis. *Published*.
- “Some Unpleasant Reduced Form Arithmetic”*: MPSA, 2006.
- “Political Turnover and Bond Risk in the U.S. States”* [with E. L. Krueger]: MPSA; Watson Center, University of Rochester, 2006; State Politics and Policy Conference, 2007. *Published*
- “Policy Substitution and Complementarity with Heterogeneity”*: Department of Government, Harvard University, 2005; SLAMM 2008. *Under Revision*
- “Markov Models for Multiple States”*: Methods, Florida State University, 2005.
- “Are Democracy and Human Rights Related? How? Insights from a First-Order Markov Model”*: MPSA; APSA; Washington University in Saint Louis; Department of Statistics, Texas A&M University, 2005; University of California - San Diego, 2006; Columbia University International Politics Seminars, 2008.
- “Measuring Political Participation: African-Americans and Anglos in a Dynamic Item Response Model”* [with V. Sinclair-Chapman and F. C. Harris]: APSA, 2005; Shambaugh Conference on The American Voter, University of Iowa. *Published as Unpacking Civic Participation*.
- “The Statistical Analysis of International Human Rights: Bayesian Inference”*: Methods, Stanford, 2004.

“*Commitment and Distribution in International Financial Policy*”: Methods, University of Washington; MPSA, 2002; LaFollette School/Political Science, University of Wisconsin-Madison, 2004.

“*Costless Communication and Indivisible Crisis*”: MPSA; Watson Center, University of Rochester, 2004; APSA 2009.

“*Statistical Models for Policy Substitutes*.”: Methods, University of Minnesota; MPSA; APSA, 2003.

“*Political Instability and Exchange Rate Regimes*.”: MPSA, Watson Center, University of Rochester, 2003; Dartmouth College; University of Texas-Dallas; Texas A&M University; Northwestern University, 2004. *Under Revision*.

“*Picking a Fight: Statistical Backwards Induction and Triadic Data*.” [with C. Signorino and M. Bas]: Methods, University of Washington, 2002; Watson Center, University of Rochester, 2003. *Published*.

“*Repression of the Human Right to Personal Integrity Revisited: An Inquiry into Ordered Regression Models*.”: Methods, University of California, Los Angeles, 2000. *Subsumed*.

*Research on Long-memory Time Series* (with M. J. Lebo, H. D. Clarke, and D. N. Lanier): APSA; SPSA, 1998; MPSA, 1998; MPSA, 1999.

## Research and Teaching Interests

### POLITICAL METHODOLOGY

Panel data; categorical data analysis; simultaneous discrete choice; time series econometrics; Markov processes and dynamic models; Model selection and Bayesian statistics (Markov Chain Monte Carlo); models of measurement; formal theories of politics; computational models; simulation methods; policy analysis and causal models/inference.

### POLITICAL ECONOMY AND PUBLIC POLICY

Comparative and state and local public finance and political economy; quantitative policy evaluation; macroeconomic policy.

### INTERNATIONAL RELATIONS

Theories of international relations/international political economy; international trade and finance; international conflict and diplomacy; international human rights.

## Courses Taught

### REGULAR SEMESTERS

<b>Data Analysis, Modelling, and Decision-Making</b> [MBA and XMBA]	<i>AGSM, Willamette University</i>
<b>Seminar in Cost-Benefit</b> [MBA]	<i>AGSM, Willamette University</i>
<b>Time Series Analysis and Forecasting</b> [Data Science]	<i>AGSM/CoS, Willamette University</i>
<b>Evidence-Based Management</b> [MBA]	<i>AGSM, Willamette University</i>
<b>Negotiation, Bargaining, and the Economics of Strategy</b> [MBA]	<i>AGSM, Willamette University</i>
<b>Seminar: International Political Economy</b> [U]	<i>Rice University, Spring 2012</i>
<b>Ph. D. Research Seminar</b> [G]	<i>Rice University, Spring 2012</i>
<b>Advanced Statistical Methods: Simulation</b> [G]	<i>Rice University, Fall 2011</i>
<b>Topics in Applied Statistics:</b>	<i>Washington University in Saint Louis</i>
Panel Data [U/G]	<i>Spring 2007, Fall 2008, 2010</i>
<b>A Quantitative Look at International Relations</b> [U]	<i>Washington University, Spring 2010</i>

<b>Visiting Statistician Research Seminar: Causal Inference</b> [G] with Ben B. Hansen (Dept. of Statistics, Univ. of Michigan)	<i>Washington University, Spring 2009</i>
<b>Quantitative Political Methodology II:</b> Maximum Likelihood Estimation [G]	<i>Washington University, Fall 2006</i>
<b>Quantitative Political Methodology I:</b> Linear Models [G]	<i>Washington University, Spring 2008</i>
<b>Quantitative Political Methodology</b> [U]	<i>Washington University, Fall 2008</i>
<b>Topics in International Politics:</b> Bargaining, Diplomacy, and War [U]	<i>Washington University in Saint Louis Spring 2007, Spring 2009</i>
<b>Research Design, Probability, and Statistics</b> [U]	<i>Dartmouth, Texas A&amp;M University Fall 2004, Fall 2005</i>
<b>International Political Economy</b> [U]	<i>Dartmouth, Texas A&amp;M University, Rice University Fall 2004, Fall 2005, Spring 2012</i>
INVITED PROGRAMS	
<b>3C: Pooled Cross-Sectional Time Series Analysis</b> <b>Empirical Implications of Theoretical Models</b> Applications in Comparative and International Politics	<i>Essex Summer School, Summer 2010– Washington University in Saint Louis Summer 2007–2010</i>

## Associations and Service

### PAST/PRESENT PROFESSIONAL ASSOCIATIONS

American Political Science Association	Midwest Political Science Association
The Econometric Society	Society for Political Methodology
Public Choice Society	American Statistical Association
Association for Budgeting & Financial Management	

### PROFESSIONAL SERVICE

#### *Ph. D. Committees (and placements):*

- Marshall W. Thompson (2007, Political Science, Washington University in Saint Louis; *Northeastern Illinois University*)
- Laron Williams (2008; Texas A&M University; *Texas Tech University*)
- Stephen Haptonstahl (2009, Political Science, Washington University in Saint Louis; *UC-Davis*)
- Guido Cataife (Outside Reader: 2008, Economics; *University of Louisville*)
- Mariana Medina (2010; Washington University in Saint Louis; *Iowa State University*)
- Jin Huang (2011; Brown School of Social Work, Washington University in Saint Louis, *St. Louis University*).

#### *Discipline*

Discussant: *Summer Methods Meetings, 2008.*

Chair and/or Discussant: *APSA, 2009; MPSA, 2004; 2005; 2007; 2008; 2009; 2010.*

Participant: *Saint Louis Initiative, Center for New Institutional Social Science, November, 2006; May 2007.*

Participant: *Political Economy of International Finance, Ann Arbor, MI, October 2005.*

Participant: *International Political Economy Society, November 2009.*

Manuscript Referee: *American Political Science Review, American Journal of Political Science, Conflict*

*Management and Peace Science, European Journal of Political Research, Electoral Studies, European Union Politics, International Journal of Public Management, International Interactions, International Organization, International Studies Quarterly, Journal of the American Statistical Association, Journal of Empirical Finance, Journal of Peace Research, Journal of Politics, Journal of Theoretical Politics, Land Economics, Perspectives on Politics, Political Analysis, Political Research Quarterly, Political Science Research and Method, Public Finance Review, Sociological Methods and Research, State Politics and Policy Quarterly, National Science Foundation (ad hoc), Oxford University Press.*

*University/College*

Chair, Information Technology Committee, Atkinson Graduate School of Management, 2019–

Member, Willamette University Academic Technology Advising Committee, 2019–

Member, Willamette University Committee of Study in Data Science, 2018-20

Member, Willamette University Calendar Synchronization Committee, 2018-19

Member, Search Committee in Data Science, 2019-20

Member, Search Committee in Computer Science, 2019-20

*Community*

Amnesty International Debate: Can Torture ever be Justified? (With Leila Sadat, Washington University School of Law)

Oregon Digital Government Conference, 2014: Big Data and Predictive Analytics

Actuarial Club of Portland, 2016: Health Care Politics: Who Wins Determines What Changes?