

Vita

Paul Edward Johnson

Professor

Department of Political Science
1541 Lilac Lane, Room 504
University of Kansas
Lawrence, KS 66045-3129
(785)864-9086
<http://pj.freefaculty.org>
pauljohn@ku.edu

Director

Center for Research Methods and Data Analysis
1425 Jayhawk Blvd., Suite 470
University of Kansas
Lawrence, KS, 66045-7594
(785)864-3353
<http://crmda.ku.edu>
director_crmda@ku.edu

Date and Place of Birth: July 23, 1959 in Denver, Colorado

Education:

Washington University in St. Louis, Ph.D., 1988
University of Iowa, M.A. 1983
Kansas University, B.A. with Distinction, 1981

Teaching Experience:

University of Kansas, 1987-present
Yale School of Organization and Management, 1990-1991
University of Michigan, Inter-University Consortium for
Political and Social Research, Summer Institute, 1989.

Publications:

Books:

Saul Stahl and Paul E. Johnson. 2006. *Understanding Modern Mathematics*. Sudbury, MA: Jones and Bartlett Publishers.

R. Robert Huckfeldt, Paul E. Johnson and John D. Sprague. 2004. *Political Disagreement: The Survival of Diverse Opinions within Communication Networks*. Cambridge: Cambridge University Press: 2004.

Paul E. Johnson and Alex Lancaster. *Swarm User Guide*. 2000. Swarm Development Group.

Paul E. Johnson. 1998. *Social Choice: Theory and Research*. Beverly Hills: Sage Publications.

Paul E. Johnson, John H. Aldrich, Gary J. Miller, Charles W. Ostrom, Jr., David W. Rohde. 1994. *American Government: People, Institutions, and Policies, 3rd ed.* Boston: Houghton Mifflin.

Paul E. Johnson, John H. Aldrich, Gary J. Miller, Charles W. Ostrom, Jr., David W. Rohde. 1990. *American Government: People, Institutions, and Policies, 2nd ed.* Boston: Houghton Mifflin.

Edited Books:

Paul E. Johnson, editor. 1992. *Formal Theories of Politics II: The Research Agenda*. A special issue of *Mathematical and Computer Modelling* 16: 1-270.

Paul E. Johnson, editor. 1989. *Formal Theories of Politics: Mathematical Modelling in Political Science*. Oxford: Pergamon Press. A special issue of *Mathematical and Computer Modelling*, 12: 397-600.

Refereed Articles:

Terri Friedline, Paul Johnson, and Robert Hughes. 2014. Toward healthy balance sheets: Are savings accounts a gateway to young adults' asset diversification and accumulation? *Federal Reserve Bank of St. Louis Review*, 96(4): 359-89.

Paul E. Johnson. 2013. On the Importance of Frailty in Social Science Theory (and other lessons of agent-based modeling). 2013. *European Quarterly of Political Attitudes and Mentalities*, 2(1), pp. 1-26. University of Bucharest, ISSN-2285-4916.

Elaine Sharp and Paul Johnson. 2009. Accounting for Variation in Distrust of Local Police. *Justice Quarterly* 26(1): 157-182.

Elaine Sharp and Paul Johnson. 2005. Taking the Keys from Grandpa. *Review of Policy Research* 22(2): 187-204.

David Brichoux and Paul Johnson. 2002. The Power of Commitment in Cooperative Social Action. *Journal of Artificial Societies and Social Simulation* 9: 1.1-5.4. URL: <http://jasss.soc.surrey.ac.uk/5/3/1.html>.

Tina Yu and Paul Johnson. 2003. Tour Jeté, Pirouette: Dance Choreographing by Computers. *YELM Journal* 23(6) (2003): 8-10. URL: <http://pj.freefaculty.org/Swarm/MySwarmCode/Dancer>.

Paul E. Johnson. 2002. Agent-Based Modeling: What I Learned from the Artificial Stock Market. *Social Science Computer Review* 42: 1509-1530.

R. Robert Huckfeldt, Paul E. Johnson and John D. Sprague. 2002. Political environments, political dynamics, and the survival of disagreement. *Journal of Politics*, 64: 1-21.

- Paul E. Johnson. 1996. Corporate Political Offices in a Rent Seeking Society. *Public Choice* 88: 310-331.
- Paul E. Johnson. 1996. Unraveling in a Variety of Institutional Settings. *Journal of Theoretical Politics* 8: 299-331.
- Raymond Christensen and Paul Johnson. 1995. Toward a Context Rich Analysis of Electoral Systems: The Japanese Example. *American Journal of Political Science*, 39: 575-598.
- Paul E. Johnson. 1990. Asymmetries in Political Entry. *European Journal of Political Economy*, 6: 377-396.
- Paul E. Johnson. 1990. We Do Too Have Morals: On Rational Choice in the Classroom. *PS: Political Science and Politics*, 13: 610-613.
- Paul E. Johnson. 1990. Reply to Ansolabehere. *Rationality and Society*, 2: 399-401.
- Paul E. Johnson. 1990. Unraveling in Democratically Governed Groups. *Rationality and Society*, 2: 4-34.
- R.H. Salisbury and Paul E. Johnson. 1989. Who You Know Versus What You Know: The Uses of Government Experience for Washington Lobbyists. *American Journal of Political Science*, 33: 175-195.
- Paul E. Johnson. 1988. On the Theory of Political Competition: Comparative Statics from a General Allocative Perspective. *Public Choice*, 58: 217-235
- Paul E. Johnson. 1987. Foresight and Myopia in Organizational Membership. *Journal of Politics*, 49: 678-703.

Chapters in Edited Volumes:

- Paul E. Johnson. 2013. Monte Carlo Simulation in Academic Research. In Todd Little, ed. *The Oxford Handbook of Quantitative Methods*. Oxford University Press, pp. 453-478.
- Paul E. Johnson. 2011. Group Formation and Maintenance. In Burdett A. Loomis, Peter L. Cancia, and Dara Z. Strolovitch, eds. *CQ Guide to Interest Groups and Lobbying*. CQ Press: 2011.
- R. Robert Huckfeldt, Paul E. Johnson, and John D. Sprague. 2005. Individuals, Dyads, and Networks: Autoregressive Patterns of Political Influence. In Alan Zuckerman, ed. *Social Logic of Politics*. Philadelphia: Temple University Press.
- R. Robert Huckfeldt and Paul E. Johnson. 2005. Agent-based Explanations for the Survival of Disagreement in Social Networks. In Alan Zuckerman, ed. *Social Logic of Politics*. Philadelphia: Temple University Press.
- Robert M. Stein, Paul E. Johnson, Daron Shaw, and Robert Weisberg. 2002. Citizen Participation and Electoral College Reform. In Paul D. Schumaker and Bur-

- dett A. Loomis, eds. *Choosing A President: The Electoral College and Beyond*. Chatham House: New York, pp. 125-142.
- Paul E. Johnson. 1999. Simulation Modeling in Political Science. *American Behavioral Scientist* 42: 1509-1530.
- Paul E. Johnson. 1998. Interest Group Recruiting: Finding Members and Keeping Them. In A.J. Cigler and B.A. Loomis, eds., *Interest Group Politics*, 5th ed. Washington, D.C.: Congressional Quarterly Press, pp. 35-62.
- Paul E. Johnson. 1997. Live Report from Linux Land: What a New User Should Expect. *Political Methodologist*, 8: 33-40.
- Paul E. Johnson. 1992. Formal Theories of Politics II: The Research Agenda. *Mathematical and Computer Modelling* 16: 1-14
- Paul E. Johnson. 1991. Organized Labor in an Era of Blue Collar Decline. In A.J. Cigler and B.A. Loomis, eds., *Interest Group Politics*, 3rd ed. Washington, D.C.: Congressional Quarterly Press, pp. 33-62.
- Philip A. Schrodtt and Paul E. Johnson. 1991. Analytic Theory and Methodology. In William Crotty, ed. *Political Science: Looking to the Future*. Evanston: Northwestern University Press, pp. 99-163.
- Paul E. Johnson. 1991. The Unraveling Problem: Dynamics of Majority Rule in Voluntary Organizations. In M. Dubnick and A. Gitelson, eds., *Public Policy and Economic Institutions*. Greenwich, CN: JAI Press, pp. 351-388.
- Paul E. Johnson. 1989. Formal Theories of Politics: The Scope of Mathematical Modelling in Political Science. *Mathematical and Computer Modelling*, 12: 397-404.

Convention Papers (selected through competitive process):

- Zheng, Chunmei, and Paul E. Johnson. 2014. Can Target Oblique Rotation Recover Factor Correlations in a Bifactor Structure? American Education Research Association Annual Meetings, Philadelphia, PA, April 3-7.
- Elaine B. Sharp and Paul E. Johnson. 2014. Police Use of Force, Civilian Review Boards, Black Elected Officials and Black Cops: Tracing the Active Representation of Minority Interests. Midwest Political Science Association Meetings, Chicago, IL, April 3-6.
- Paul E. Johnson. 2012. On the Importance of Frailty in Social Science Theory (and other lessons of agent-based modeling). World Congress on Social Simulation, National Chengchi University, Taipei, Taiwan, Sept. 4-7.
- Zairul Nor Deana Md Desa, William P. Skorupsky, and Paul E. Johnson. 2012. Bifactor Compensatory and Partially Compensatory MIRT for Subscore Estimation, Reliability, and Classification. 2012 International Psychometric Society Association Conference, Lincoln, NE, July 9.

- R. Robert Huckfeldt and Paul E. Johnson. 2010. Opinion Diversity and the Small Scale Organization of Political Communication Networks. Midwest Political Science Association, Chicago, IL, April 22-25, 2010.
- R. Robert Huckfeldt and Paul E. Johnson. 2009. Limits on Persuasion and the Factors that Sustain Opinion Diversity. Social Network Conference, University of California, Davis, CA, June.
- Paul E. Johnson. 2009. Working with Ordinal Predictors. Midwest Political Science Association, Chicago, Illinois, April 2-5.
- Paul E. Johnson. 2009. Ecological Analysis of a System of Organized Interests. Hendricks Conference on Biology and Politics, University of Nebraska, Lincoln, NE, October 11.
- Ronald A. Francisco and Paul E. Johnson. 2006. Repression and the Erosion of State Support. American Political Science Association, Philadelphia, PA September, 2006.
- Elaine B. Sharp and Paul E. Johnson. 2006. Accounting for Variation in Black Distrust of Local Police. Midwest Political Science Association, Chicago, Illinois, AP 20-23, 2006.
- Paul E. Johnson and Erik Herron. 2005. Mixed Electoral Simulation. Swarm-Fest 2005, Institute for Scientific Interchange Foundation & University of Torino, Torino, Italy. June 6.
- Erik Herron and Paul E. Johnson. 2005. Assessing Variation in Mixed Electoral Rules Using Agent-Based Models. Midwest Political Science Association, Chicago, IL, April.
- Elaine Sharp and Paul E. Johnson. 2004. Taking the Keys from Grandpa: Policy Diffusion Failure or Stealth Policy? American Political Science Association, Chicago, IL, Sept. 2-6.
- Elaine B. Sharp and Paul E. Johnson. 2014. Taking the Keys from Grandpa. Midwest Political Science Association, Palmer House, Chicago, IL, April 14-17.
- Paul E. Johnson. Serialization and Stability analysis in Swarm. Swarm Development Group Annual Meeting, South Bend, IN, April 12-15.
- R. Robert Huckfeldt and Paul E. Johnson. 2002. An Application of Agent-Based Modeling to Analyze the Potential of Discussion Networks for Sustaining Rather than Eliminating Political Disagreement. Brown University Conference on the Social Context of Politics, Providence, RI, June 3.
- R. Robert Huckfeldt, Paul E. Johnson, and John Sprague. 2002. Individuals, dyads, and networks: Autoregressive patterns of political influence. Brown University Conference on the Social Context of Politics, Providence, RI, June 3.
- Paul E. Johnson. 2002. Top down and bottom up dynamic scheduling in Swarm: a comparison of Implementations. Swarm Development Group Annual Meeting, Seattle, WA, April 14.

Paul E. Johnson. 2002. Swarm and Theory. "Can agent-based models contribute to scientific theory?" Swarm Development Group Annual Meeting, Seattle, WA April 13.

R. Robert Huckfeldt and Paul E. Johnson. 2002. Autoregressive networks and the durability of political disagreement. Midwest Political Science Association, Chicago, IL.

R. Robert Huckfeldt and Paul E. Johnson. 2001. Persuasion and political heterogeneity within networks of political communication: Agent-based explanations for the survival of disagreement. American Political Science Association, San Francisco, August 30-September 2.

Paul E. Johnson and R. Robert Huckfeldt. 2000. Opinion Formation and the Resilience of Diversity. Swarm Development Group Annual Meeting, Utah State University, Logan, UT, April.

Robert Huckfeldt, Paul Johnson, John Sprague, and Michael Crow. 2000. Influence, communication, and the survival of political disagreement among citizens. American Political Science Association, August.

Paul E. Johnson. 1999. Elections, Protests, and Other Forms of Contagious Behavior. American Political Science Association, Atlanta, GA, August.

Paul E. Johnson. 1998. Rational Actors Versus Adaptive Agents: Social Science Implications. American Political Science Association, Boston, MA, August.

Paul E. Johnson. 1998. An Agent-Based Model of the Exchange Theory of Interest Groups. American Political Science Association, Boston, MA, August.

Paul E. Johnson. 1997. A Sieve Model of Interest Group Recruitment. American Political Science Association, Washington, D.C., August.

Paul E. Johnson. 1997. Dynamic Models of Interest Group Membership. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1996. Logic, Exchange, and Beyond. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1995. How Environmental Groups Recruit Members: Does the Logic Still Hold Up? American Political Science Association, Chicago, IL, September.

Paul E. Johnson. 1994. Unraveling in a Variety of Institutional Settings. American Political Science Association, New York, NY, September.

Paul E. Johnson. 1992. Simulation of the Effect of Institutions on Unraveling in Democratically Governed Groups. Public Choice Society, New Orleans, La., April.

Paul E. Johnson. 1991. Strategic Elements in Corporate Political Action. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1990. Organized Labor in an Era of Blue Collar Decline. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1989. Theme Paper: Analytic Theory and Methodology. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1988. On the Theory of Political Competition: Comparative Statics from a General Allocative Perspective. Public Choice Society, San Francisco, CA, March.

Paul E. Johnson. 1987. Social Choice in Voluntary Organizations: Foresight, Myopia, and Majority Rule Decision Processes. Midwest Political Science Association, Chicago, IL, April.

Paul E. Johnson. 1985. Union Membership as Capital Asset: Weighting For the Future. Washington University Working Paper # 97. Midwest Political Science Association, Chicago, IL, April.

Work in Progress:

Building R Skills (under contract with Guilford Press).

Ordinal Predictors.

Analysis of Financial Asset Acculations using the US SIPP (Survey of Income Program Participation) Survey (with Terri Friedline, KU School of Social Welfare).

On-line Resources:

R tips and Working Example Collection (Support Pages):

<http://pj.freefaculty.org/R>.

The Swarm Software Library Support Pages & FAQ:

<http://pj.freefaculty.org/Swarm>.

The Artificial Stock Market Development Page. Announcements and CVS code archive: <http://artstkmkt.sourceforge.net>.

High Performance Computing at KU (Support Pages): <http://crmda.ku.edu/computing>

Research Grants:

Modeling Interest Groups with Swarm. 1997-99. National Science Foundation Award No. SBR-9709404.

Simulation Modeling. 1998. KU General Research Fund.

Interest Group Recruiting in the Environmental Arena. 1995. KU General Research Fund.

Teaching:

Teaching Interests:

American Politics: general, interest group politics

Methodology: statistics, programming, computer modeling, social choice & game theory

Graduate Committees:

Dissertation Committee Chair (Scott Dering, 1996; Cheng-shan “Frank” Liu, 2006; Micheal Struempf, 2011).

Dissertation Committee Member (Sunday Ubokudum, 1993; Anthony Nownes, 1993; Ben Voth, 1994; Innes Mitchell, 1997; Yoojohn Jeon, 2001; Robert Yowell, 2002; Steve Garrison, 2002; Jaekwon Cha, 2004; Jeremy Walling, 2006; Tae-hyun Nam, 2006; Connie Keeling, 2006; Omur Yilmaz, 2007; Justin Tucker, 2007; Matthew Beverlin, 2010; Emily Ledford, 2011; Alex Schoemann, 2011; Aaron Boulton, 2014; Terrence Jorgensen, 2015; Kyle Lang, 2015).

MA Committee Chair (Jerry Brown, 1989; Darin Goens, 1997; Qiuxia Zhang, 2002; Cheng-shan Liu, 2002; Earl Stuart, 2003; Micheal Struempf, 2004; Ian Ostrander, 2007; Bryce Dietrich, 2008; Daniel McCarville, 2011; Benjamin Rogers, 2014).

MA Committee Member (John Ross, 1988; Raymond Birt, 1989; Carla Brownell, 1989; Phil Huxtable, 1992; Julie Bundt, 1993; Steve Garrison, 1998; David Bricoux, 1998; Tomomi Hosono, 2000; Tarek Al-Baghal, 2003; Kyung-Min Yoo, 2003; Federico Ferrara, 2003; Joy Callahan, 2004; Justin Tucker, 2004; Todd Walters, 2005; Aaron Boulton, 2011; Kyle Lang, 2013).

Undergraduate Honors Director (Armon Pollack, 2008; Patrick Edmonds, 2013).

Recently Offered Courses:

POLS 645 “Crisis, Corruption, and Scandal”

POLS 706/PSYC 790 “Research Methods I/Statistical Methods for Behavioral Sciences”

POLS 904 “Statistical Programming Foundations”

POLS 905 “Complex Systems, Simulation, and Agent-based Modeling”

POLS 906 “Advanced Regression”

Service Activities:

Departmental Service:

Computer Lab Director, 2003-2012.
Director of Graduate Studies, 1992-1995, S2000, 2002-2004, 2009-2010.
Associate Chairperson, 1994-2002.
Technology Committee, Fall 1994-2004.
Advisory Committee, 1989-90, 1991-92, 1995-96, 1997-98, 2003-2004, 2011-2012.
Graduate Studies Committee, 1996-97, 1999-2000, 2001-02.
Recruitment Committee, 1987-88, 1988-89, 1992-93, 1996-97, 2000-01, 2005-06, 2010, 2012, 2014
Promotion & Tenure Committee, 2007-9, 2010-11, 2012.

Service to the College and University:

Center for Research Methods and Data Analysis, Director, F2013-present, Assoc.
Director, F2009-F2013
CLAS Committee on Graduate Studies, 2011-13
SENEX Committee on Faculty Rights, Privileges, and Responsibilities, 2006-2009
Committee on Promotion and Tenure, College of Liberal Arts, 2005-06
Graduate School, Committee on New Programs, 2003-04.
Center for East Asian Studies, database & faculty web page developer, 2003-2005.
SENEX Computers and Telecommunications Committee, 2002-04.
CLAS Environmental Studies Director Search Committee, 2002.
SENEX Research Committee, 1999-2001.
Provost's Equity Study Committee, 1999-2001.
Member, Student Housing Advisory Board, 1997-99.
Vice Chancellors' Fellow, 1996-98.
University Representative, Computer Proficiency Examination Committee, Kansas Board of Regents (1997, 2001).
Chair, Committee on Graduate Research Fellowships-Social Science Division, 1996.
Member, Committee on Graduate Research Fellowships-Social Science Division, 1995.
Member, Committee on Minority Fellowships, 1995.
Member, Graduate Council, Standing Committee on Scholarly Travel, Standing Committee on Graduate Honors & Summer Fellowships, 1993-94.
Standing Committee on Periodic Program Review, 1994-95.
Standing Committee on Dissertation Fellowships, 1995-96.

Disciplinary Service:

Swarm Development Group Board of Directors, 2000-2003, 2008-.
Member, Editorial Board, *Journal of Artificial Societies and Social Simulation*,
2002-
Member, Editorial Board, *Journal of Theoretical Politics*, 2002-2009
Member, Editorial Board, *American Journal of Political Science*, 1991-1994.
Division Chair: Formal Theory, American Political Science Association, 1994.
Referee for *American Political Science Review*, *American Journal of Politics*, *Journal of Politics*, *Journal of Theoretical Politics*, *American Politics Quarterly*, *Political Behavior*, *American Review of Politics*.

References:

Randall Calvert
Dept. of Government
Washington University in St. Louis
St. Louis, MO 63130
(314) 935-5846

R. Robert Huckfeldt
Dept. of Political Science
University of California at Davis
(503) 752-0975

Nigel Gilbert
Dept. of Sociology
University of Surrey
Guildford, GU2 7XH
UK
+44 (0)1483689173