

Vita

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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:

Understanding Modern Mathematics (Sudbury, MA: Jones and Bartlett Publishers, Forthcoming). (Coauthor: Saul Stahl)

Political Disagreement: The Survival of Diverse Opinions within Communication Networks. (Cambridge: Cambridge University Press: 2004). (Coauthors: R. Robert Huckfeldt and John D. Sprague).

Swarm User Guide. 2000. Swarm Development Group (Coauthor: Alex Lancaster)

Social Choice: Theory and Research (Beverly Hills: Sage Publications, 1998.)

American Government: People, Institutions, and Policies (Boston: Houghton Mifflin, 2nd ed. 1990, 3rd. ed. 1994). (Coauthors: J.H. Aldrich, G.J. Miller, C.W. Ostrom, Jr., D.W. Rohde).

Edited Books:

Formal Theories of Politics II: The Research Agenda. A special issue of *Mathematical and Computer Modelling* 16 (1992): 1-270.

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

Refereed Articles:

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

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

Tour Jeté, Pirouette: Dance Choreographing by Computers *YELM Journal* 23(6) (2003): 8-10. (Coauthor: Tina Yu). Available at: <http://lark.cc.ku.edu/~pauljohn/Swarm/MySwarmCode/Dancer/>

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

Political environments, political dynamics, and the survival of disagreement. *Journal of Politics*, 64 (2002). (Co-authors: Robert Huckfeldt and John Sprague).

Corporate Political Offices in a Rent Seeking Society. *Public Choice* 88 (1996): 310-331.

Unraveling in a Variety of Institutional Settings. *Journal of Theoretical Politics* 8 (1996): 299-331.

Toward a Context Rich Analysis of Electoral Systems: The Japanese Example. *American Journal of Political Science*, 39 (1995): 575-598. (Co-author: Raymond Christensen).

Asymmetries in Political Entry. *European Journal of Political Economy*, 6 (1990): 377-396.

We Do Too Have Morals: On Rational Choice in the Classroom. *PS: Political Science and Politics*, 13 (December 1990): 610-613.

Reply to Ansolabehere. *Rationality and Society*, 2 (July 1990): 399-401.

Unraveling in Democratically Governed Groups. *Rationality and Society*, 2 (January 1990): 4-34.

Who You Know Versus What You Know: The Uses of Government Experience for Washington Lobbyists. *American Journal of Political Science*, 33 (February, 1989): 175-195. (Co-author: R.H. Salisbury).

On the Theory of Political Competition: Comparative Statics from a General Allocative Perspective. *Public Choice*, 58 (1988): 217-235

Foresight and Myopia in Organizational Membership. *Journal of Politics*, 49 (August 1987): 678-703.

Chapters in Edited Volumes:

Individuals, Dyads, and Networks: Autoregressive Patterns of Political Influence. Forthcoming. In Alan Zuckerman, ed. *Social Logic of Politics*. (Philadelphia: Temple University Press, 2005). (Coauthors: R. Robert Huckfeldt and John D. Sprague).

Agent-based Explanations for the Survival of Disagreement in Social Networks. Forthcoming. In Alan Zuckerman, ed. *Social Logic of Politics*. (Philadelphia: Temple University Press, 2005). (Coauthor: R. Robert Huckfeldt).

Citizen Participation and Electoral College Reform. In Paul D. Schumaker and Burdett A. Loomis, eds. *Choosing A President: The Electoral College and Beyond*. (Chatham House: New York, 2002), pp. 125-142. (Coauthors: Robert M. Stein, Daron Shaw, and Robert Weisberg)

Simulation Modeling in Political Science. *American Behavioral Scientist* 42 (August 1999): 1509-1530.

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, 1998), pp. 35-62.

“Live Report from Linux Land: What a New User Should Expect,” *Political Methodologist*, 8 (1997): 33-40.

Formal Theories of Politics II: The Research Agenda. *Mathematical and Computer Modelling* 16 (1992): 1-14

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, 1991), pp. 33-62.

Analytic Theory and Methodology. In William Crotty, ed. *Political Science: Looking to the Future* (Evanston: Northwestern University Press, 1991), pp. 99-163 (Coauthor: P.A. Schrodtt)

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, 1991), pp. 351-388.

Formal Theories of Politics: The Scope of Mathematical Modelling in Political Science. *Mathematical and Computer Modelling*, 12 (1989): 397-404.

Convention Papers (selected through competitive process):

Mixed Electoral Simulation, Presented at SwarmFest 2005, June 6, 2005, Institute for Scientific Interchange Foundation & University of Torino, Torino, Italy, (Co-author: Erik Herron)

Assessing Variation in Mixed Electoral Rules Using Agent-Based Models, Presented at Midwest Political Science Association, Palmer House, Chicago, Illinois, April 2005 (Co-author: Erik Herron).

Taking the keys from Grandpa. Presented at Midwest Political Science Association, Palmer House, Chicago, Illinois, April 14-17, 2004. (Co-author: Elaine Sharp).

Serialization and Stability analysis in Swarm. Presented at the Swarm Development Group Annual Meeting, South Bend, Indiana, April 12-15, 2003.

An application of agent based modeling to analyze the potential of discussion networks for sustaining rather than eliminating political disagreement. Presented at Brown University, A Conference on the Social Context of Politics, June 3, 2002. (Co-author: Robert Huckfeldt).

Individuals, dyads, and networks: Autoregressive patterns of political influence. Presented at Brown University, A Conference on the Social Context of Politics, June 3, 2002. (Co-authors: Robert Huckfeldt, John Sprague).

Top down and bottom up dynamic scheduling in Swarm: a comparison of Implementations. Swarm Development Group Annual Meeting, Seattle, WA (Swarmfest) 2002

Swarm and Theory. Part of a colloquium, "Can agent-based models contribute to scientific theory?" Swarm Development Group Annual Meeting, Seattle, WA (Swarmfest) 2002

Autoregressive networks and the durability of political disagreement. Midwest Political Science Association, 2002 (coauthor: Robert Huckfeldt).

Persuasion and political heterogeneity within networks of political communication: Agent-based explanations for the survival of disagreement. Presented at the meetings of the American Political Science Association, 2001 (coauthor: Robert Huckfeldt).

Opinion Formation and the Resilience of Diversity. Presented at the Annual Swarm Users Meeting (Swarmfest), Utah State University, April 2000 (coauthor: Robert Huckfeldt).

"Influence, communication, and the survival of political disagreement among citizens. Presented at the meetings of the American Political Science Association, August 2000 (coauthors: Robert Huckfeldt, John Sprague, and Michael Crow)

Elections, Protests, and Other Forms of Contagious Behavior. Presented at the meetings of the American Political Science Association, Atlanta, GA, August 1999

Rational Actors Versus Adaptive Agents: Social Science Implications. Presented at the meetings of the American Political Science Association, Boston, MA, August, 1998.

An Agent-Based Model of the Exchange Theory of Interest Groups. Presented at the meetings of the American Political Science Association, Boston, MA, August, 1998

A Sieve Model of Interest Group Recruitment. Presented at the meetings of the American Political Science Association, Washington, D.C., August 1997.

Dynamic Models of Interest Group Membership. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1997.

Logic, Exchange, and Beyond. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1996.

How Environmental Groups Recruit Members: Does the Logic Still Hold Up? Presented at the meetings of the American Political Science Association, Chicago, Ill., September 1995.

How Environmental Groups Recruit Members: Does the Logic Still Hold Up? Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1995.

Unraveling in a Variety of Institutional Settings. Presented at the meetings of the American Political Science Association, New York, NY, September, 1994.

Simulation of the Effect of Institutions on Unraveling in Democratically Governed Groups. Presented at the meetings of the Public Choice Society, New Orleans, La., April, 1992.

Strategic Elements in Corporate Political Action. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1991.

Organized Labor in an Era of Blue Collar Decline. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1990.

Theme Paper: Analytic Theory and Methodology. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1989.

On the Theory of Political Competition: Comparative Statics from a General Allocative Perspective. Presented at the meetings of the Public Choice Society, San Francisco, Ca., March 1988.

Social Choice in Voluntary Organizations: Foresight, Myopia, and Majority Rule Decision Processes.

Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1987.

Union Membership as Capital Asset: Weighting For the Future. Washington University Working Paper # 97. Presented at the meetings of the Midwest Political Science Association, Chicago, Ill., April 1985.

Work in Progress:

Agent-Based Modeling and Simulation of Political Organizations. A book under contract with Kluwer Academic publishers.

Rational Actors versus Adaptive Agents: A Workshop on Agent-Based Modeling.

On-line Resources:

The Swarm Software Library Support Pages & FAQ

<http://pj.freefaculty.org/SwarmFaq/SwarmOnlineFaq.html> and

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

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

Rtips. Support materials for R, the free, open source statistical modeling tool: <http://pj.freefaculty.org/R>.

The Vita Builder. A free, open source framework for database development, rosters, and individual homepages for academic organizations: <http://pj.freefaculty.org/VitaBuilder>.

Linux User Support Pages. <http://pj.freefaculty.org>.

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, agent-based modeling, social choice & game theory, programming, mathematics

Graduate Committees:

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

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, 2005; Taehyun Nam, 2005).

MA Committee Chair (Jerry Brown, 1989; Darin Goens, 1997; Qiuxia Zhang, 2002; Cheng-shan Liu, 2002; Earl Stuart, 2003; Micheal Struempfler, 2004).

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

Undergraduate Honors Committee Member (Jared Walters, 1997; Hajir Ardbelli, 1999, Olivia Stockman, 2001).

Courses Taught:

POLS 110 "Introduction to U.S. Politics" Fall 1988, Fall 1989, Spring 1992, Summer 1992, Summer 1993, Spring 1994, Fall 1999, Fall 2000, Spring 2002, Fall 2002, Fall 2003, Fall 2004, Fall 2005.

POLS 111 "Introduction to U.S. Politics: Honors" Spring 1993.

POLS 306 "Research Methods" Spring 1995, Spring 1996, Spring 1997, Spring 1998, Spring 1999.

POLS 608 "Social Choice and Game Theory" Fall 1991, Fall 1993, Fall 1995, Fall 2000, Spring 2003, Spring 2005.

POLS 616 "Interest Group Politics" Fall 1987; Spring 1989; Spring 1990, Summer 1990, Fall 1992, Fall 1994, Summer, 1996; Fall 1996, Fall 1997, Fall 1999, Spring 2001, Spring 2006

ECON 622/POLS 629 "Public Finance" Fall 1996.

POLS 706 "Research Methods I" Fall 1987.

POLS 707 "Research Methods II" Spring 1988, Spring 1989, Spring, 1990, Fall 1991, Fall 1995, Spring 1996, Spring 1997, Spring 1998, Spring 1999, Spring 2000; Spring 2001, Spring 2002, Fall 2003, Fall 2004, Fall 2005.

POLS 810 "Seminar in American Politics" Fall 1988; Fall 1989; Spring 1992, Fall 1993, Spring 1995.

POLS 905 "Complex Systems, Simulation, and Agent-based Modeling" Spring 2005

POLS 908 "Individual and Collective Decision Making" Fall 1995; Fall, 1997.

POLS 909 "Topics in Methodology: Agent-based Modeling" Spring 2000, Spring 2003

POLS 909 "Topics in Methodology: Advanced Regression" Fall 2001, Spring 2004, Spring 2006

POLS 918 "Topics in Methodology: Rational Choice" Spring 1993.

POLS 919 "Topics in U.S. Politics: Interest Groups" Spring 1988.

Service Activities:

Departmental Service:

Associate Chairperson, Fall, 1994-Spring, 2002.

Technology Committee, Fall 1994-2004.
Web page designer/maintainer, PC maintenance, Novell/Windows server management.
Director of Graduate Studies, Fall 1992-Summer 1995, Spring 2000, Spring 2002-Spring 2004.
Methodology Task Force, 1989.
Advisory Committee, 1989-90, 1991-92, 1995-96, 1997-98, 2003-2004.
Graduate Studies Committee, 1996-97, 1999-2000, 2001-02.
Recruitment Committee, 1987-88, 1988-89, 1992-93, 1996-97, 2000-01. 2005-06.

Service to the College and University:

Committee on Promotion and Tenure, College of Liberal Arts, 2005-06
Committee on 2005-06
Graduate School, Committee on New Programs, 2003-04.
Center for East Asian Studies, database & faculty web page developer.
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 (Spring 1996).
Member, Committee on Graduate Research Fellowships-Social Science Division (Spring 1995).
Member, Committee on Minority Fellowships (Spring 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).
Economics Oversight Committee, 1993-94.
Search Committee for Economics Chairperson, Fall 1989, Summer 1993.
Economics Department Search Committee, 1992-93, 2002-03.

Disciplinary Service:

Swarm FAQ maintainer, 1998-.
Swarm Development Group Board of Directors, 2000-2003. Member, Nominating Committee, Midwest Political Science Association, 1994.
Division Chair: Formal Theory, American Political Science Association, 1994.
Member, Editorial Board, *Journal of Artificial Societies and Social Simulation*, 2002-

Member, Editorial Board, *Journal of Theoretical Politics*, 2002-
Member, Editorial Board, *American Journal of Political Science*, 1991-1994.
Referee for *American Political Science Review*, *American Journal of Politics*, *Journal of Theoretical Politics*, *American Politics Quarterly*, *American Review of Politics*.

References:

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Dept. of Government
Washington University in St. Louis
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R. Robert Huckfeldt
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Dept. of Sociology
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