

July 2009

Scott E. Page

*Leonid Hurwicz Collegiate Professor
Complex Systems, Political Science, and Economics*

Director, Center for the Study of Complex Systems

University of Michigan
Ann Arbor, MI 48109

External Faculty, Santa Fe Institute

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EDUCATION

B.A. Mathematics, University of Michigan–Ann Arbor 1985

M.A. Mathematics, University of Wisconsin–Madison 1988

M.A. Managerial Economics, Kellogg Graduate School of Management Northwestern University 1990

Ph.D. Managerial Economics and Decision Sciences, Kellogg Graduate School of Management Northwestern University 1993. Committee: Stanley Reiter (advisor), Roger Myerson, Mark Satterthwaite, and Matthew Jackson.

CURRENT POSITIONS

Collegiate Professor Political Science, Complex Systems, and Economics, University of Michigan.

Senior Associate Research Scientist, CPS-ISR, University of Michigan, 2000–Present.

External Faculty Member Economics, Santa Fe Institute 1999–2005, 2007–Present.

Senior Fellow, Michigan Society of Fellows, 2007–Present.

Fellow, Center for Advanced Studies in Behavioral Sciences, 2007–2008.

PAST POSITIONS

Associate Director, Center for the Study of Complex Systems, 2002–2009.

Visiting Professor, Ross School of Business, University of Michigan, 2007.

Professor of Economics (Courtesy), University of Michigan, 2005–2008.

Professor Political Science and Complex Systems University of Michigan, 2004–2008.

Associate Professor of Economics (Courtesy), University of Michigan, 2000–2004.

Associate Professor of Political Science and Complex Systems, University of Michigan, 2000–2003.

Associate Professor of Economics, University of Iowa, 1997–1999.

Assistant Professor of Economics, Division of Humanities and Social Sciences, California Institute of Technology, 1993–1997.

Visiting Assistant Professor of Economics, Department of Economics, University of California–Los Angeles, Fall 1994.

RESEARCH GRANTS

INSTITUTION BUILDING GRANTS:

National Science Foundation, IGERT Award: 2002–present (PI; \$3.1 million).

National Science Foundation, Biocomplexity Award: Project SLUCE 2001–2006 (Co-PI with Dan Brown and Joan Nassauer; \$1.3 million).

MULTI-YEAR PROJECTS:

Provost’s Interdisciplinary Teaching Grant 2007–2008.

NSF Human and Social Dynamics Grant Modeling Culture 2005 (Jenna Bednar, PI; Co-PI with Yan Chen; \$125,000).

AFOSR-MURI Grant Computational Modeling of Culture 2005 (Whitman Richards, MIT, PI; UM Sub-Award Co-PI with Jenna Bednar; \$490,000 renewable to \$850,00).

James S. McDonnell Award for Project Diversity, 2001–2006 (PI; \$450,000).

National Science Foundation, Political Science Program Grant, 1997–1998 (Co-PI with John Miller and Ken Kollman).

National Science Foundation, Political Science Program Grant for 1994–1996 (with John Miller and Ken Kollman).

SMALLER PROJECTS: (less than \$100,000)

MacArthur Foundation Initiative on Inequality and Poverty Research Grant for 1995–

2005.

PriceWaterhouseCoopers grant for summer workshop in computational economics at the Santa Fe Institute 1996–1998.

Walker Foundation, grant for summer workshop in computational economics at the Santa Fe Institute 1999–2000.

Center for Learning and Research on Teaching grant for Project Diversity, 2002.

BOOKS AND EDITED VOLUMES

Computational Models of Political Economy, (Editor) MIT Press, 2002. (with Ken Kollman and John Miller).

The Difference: How the Power of Diversity Creates Better Groups, Firms, Schools, and Societies, Princeton University Press, 2007.

- Translated to Japanese 2008.

Complex Adaptive Systems: An Introduction to Computational Models of Social Life, Princeton University Press, 2007. (with John Miller).

- Translated to Chinese 2008.

OTHER MANUSCRIPTS

A Decision Making Guide to the Michigan Civil Rights Initiative, 2006. (with Elizabeth Suhay).

- Circulation: 10,000+

Behavioral Modeling and Simulation: From Individuals to Societies Greg Zacharias, Jean MacMillan, and Susan B Van Hemel eds. National Research Council, of the National Academies, the National Academies Press 2008. (Member of research panel).

Diversity in Complex Systems, under contract Princeton University Press.

PUBLISHED AND FORTHCOMING PAPERS

“Adaptive Parties in Spatial Elections,” *American Political Science Review*, 86:929–37, 1992. (with Ken Kollman and John Miller).

“Walsh Functions, Schema Variance, and Deception” *Complex Systems*, pp 125–135, 1992. (with Dave Richardson).

“Adaptive Parties and Spatial Voting Theory,” in *Information, Participation, &*

Choice, University of Michigan Press, Ann Arbor, B. Grofman ed. pp 161–173, 1993. (with Ken Kollman and John Miller).

“Reducing Informational Costs in Endowment Mechanisms,” *Economic Design*, 1:1 pp 103–117, 1994. (with Lu Hong).

“Covers: A Theory of Boolean Function Decomposition,” *Complex Systems*, pp 1–24, 1994.

“Two Measures of Difficulty,” *Economic Theory*, 8 pp 321–346, 1996.

“Computational Political Economy,” in *The Economy as a Complex Evolving System II*, Addison–Wesley, B. Arthur, S. Durlauf, and D. Lane eds, pp 461–491, 1997. (with Ken Kollman and John Miller).

“An Appending Efficient Algorithm for Allocating Public Projects with Complementarities,” *Journal of Public Economics*, 64:3 pp 291–322, 1997.

“On Incentives and Updating in Agent Based Models,” *Computational Economics*, 10: pp 67–87, 1997.

“Political Institutions and Sorting in a Tiebout Model,” *American Economic Review*, pp 977–992, December 1997. (with Ken Kollman and John Miller).

“Landscape Formation in a Spatial Voting Model,” *Economic Letters*, Vol 55: 121–131, 1997. (with Ken Kollman and John Miller).

“Political Parties and Electoral Landscapes,” *British Journal of Political Science*, Vol 28: 139–158, 1998. (with Ken Kollman and John Miller).

“Does Strategy Need Computer Experimentation?” in *Advances in Strategic Management*, ed. Joel A. C. Baum, no. 15 Greenwich: JAI Press Inc., 1998. (with Mike Ryall).

“On the Emergence of Cities,” *Journal of Urban Economics*, 45: 184–208, 1998.

“Let’s Make a Deal,” *Economic Letters*, 175–180, 1998.

“A Day at the Beach: Human Agents Self-Organizing on the Sand Pile,” in *Advances in Complex Systems*, 1: pp 37–65, 1999. (with Niniane Wang and Hiroshi Ishii).

-Revised Version printed in *Modeling Complexity in Economic and Social Systems*, World Scientific 2003.

“Computational Models from A to Z,” *Complexity*, 5(1): pp 35–41, 1999.

“Decentralization and the Search for Policy Solutions,” *Journal of Law Economics and Organization*, 16 (April) 102–28, 2000. (with Ken Kollman and John Miller).

“Consequences of Nonlinear Preferences in a Federal Political System,” in Diana

Richards, ed. *Political Complexity: Nonlinear Models of Politics*, University of Michigan Press, Ann Arbor, MI: pp 23–45 2000. (with Ken Kollman and John Miller).

“Problem Solving by Heterogeneous Agents,” *Journal of Economic Theory*, 97: 123–163, 2001. (with Lu Hong).

“Self Organization and Coordination,” *Computational Economics*, 18: 25–48, 2002.

“Modeling the Effects of Greenbelts at the Urban Rural Fringe,” in *Proceedings of the International Modeling and Software Society*, Lugano, Switzerland, June 27, Vol 1: 190–195, 2002. (with Dan Brown, Rick Riolo, and William Rand).

“The Interplay of Difference,” in *Proceedings of AGENT 2002 University of Chicago and Argonne National Laboratories* 2002.

“The Complex Interaction of Agents and Environments: An Example in Urban Sprawl,” *Proceedings of AGENT 2002 University of Chicago and Argonne National Laboratories*, 2002. (with Dan Brown, Rick Riolo, Luis E Fernandez, and Moira Zellner).

“Modeling the Effects of Greenbelts at the Urban-Rural Fringe,” in *Proceedings of iEMSs*, 2002. (with Daniel G. Brown, Rick Riolo, William Rand).

“Statistical Validation of Spatial Patterns in Agent-Based Models,” in *Proceedings of ABS*, 2003. (with Dan Brown, Rick Riolo, Luis E Fernandez, and Moira Zellner).

“The Standing Ovation Problem,” *Complexity* 9: 5, pp 8–16, May/June 2004. (with John Miller).

“Agent Based and Analytical Modeling to Evaluate the Effectiveness of Greenbelts,” *Environmental Modeling and Software*, 19(12): 1097–1109 2004. (with Dan Brown, Rick Riolo, William Rand, and Moira Zellner).

“Computational Public Economics,” *Journal of Public Economic Theory*, 6(2): pp, 259–267 2004. (with Ken Judd).

“On the Existence and Stability of Groves Ledyard Equilibria,” *Journal of Public Economic Theory*, 6(2): pp 311–335, 2004. (with Troy Tassier).

“Groups of diverse problem solvers can outperform groups of high-ability problem solvers,” *Proceedings of the National Academy of Sciences*, pp 16385–16389, November 16, 2004. (with Lu Hong).

“Path dependence and the validation of agent-based spatial models of land use,” *International Journal of Geographical Information Science*, Special Issue on Land Use Dynamics, 19(2): 153–174, 2005. (with Dan Brown, Rick Riolo, William Rand, and Moira Zellner).

- “Are We Collapsing,” *Journal of Economic Literature*, pp 1049-1062, December 2005.
- “Computational Political Economy,” in *Handbook of Computational Economics*, Leigh Tesfatsion and Ken Judd (eds) North Holland, 2005 (with Ken Kollman).
- “Essay: Path Dependence,” *Quarterly Journal of Political Science*, 1: 87-115, 2006.
- “Agent Based Models,” *Oxford Handbook of Law and Economics*, 2006.
- “Type Interactions and The Rule of Six,” *Economic Theory*, 30 (2): pp 223-241, 2007.
- “Can Game(s) Theory Explain Culture? The Emergence of Cultural Behavior Within Multiple Games,” *Rationality and Society*, 19(1): pp 65-97, 2007. (with Jenna Bednar).
- “Conformity and dissonance in generalized voter models,” *Journal of Statistical Physics*, 128, pp 1279-1297, 2007. (with Len M. Sander and Casey Schneider-Mizell).
- “An Ecological Model of Firm Entry and Exit: Why Chains Beget Chains,” *Journal of Economic Dynamics and Control*, 31(10): pp 3427-3458, 2007. (with Troy Tassier).
- “Agent Based Models,” in in Lawrence E. Blume and Steven N. Durlauf, eds. *The New Palgrave Dictionary of Economics 2nd ed.*, Basingstoke, UK: Palgrave Macmillan, forthcoming.
- “Agent Based Models,” *Oxford Handbook of Political Science Methodology*, forthcoming. (with Scott de Marchi).
- “Uncertainty, Difficulty, and Complexity, ” *Journal of Theoretical Politics*, Vol. 20: pp. 115 - 149, Apr 2008.
- “Making the Difference: Applying a Logic of Diversity,” *Academy of Management: Perspectives*, October 2007.
- “Embracing Chaos and Complexity: A Quantum Case for Public Health,” *American Journal of Public Health* (with Ken Resnicow and Roger Vaughan) forthcoming.
- “The Difference From New Ways of Seeing and Thinking,” *Immigrants Joining the Mainstream: E- Journal USA* US Department of State Bureau of International Information Programs Vol 13: 2, pp 13-18, 2008.
- “A Logic of Diversity,” *Association for Women in Science* pp 28-29, pp 2008.
- ”The Power of Diversity” *The School Administrator* Vol 65(9) pp 35-41, 2008.
- “General Blotto: Games of Allocative Strategic Mismatch” *Public choice* Vol 138, pp 279 - 310, 2009 (with Russell Golman).
- Basins of Attraction and Equilibrium Selection Under Different Learning Rules” *Evo-*

lutionary Economics (with Russell Golman) forthcoming.

“Interpreted and Generated Signals” forthcoming *Journal of Economic Theory* (with Lu Hong).

“Aggregation in Agent Based Models of Economies” forthcoming in *Knowledge Engineering Reviews*

“Individual and Cultural Learning in Stag Hunt Games With Multiple Actions” forthcoming in *Journal of Economic Behavior and Organizations* (with Russell Golman)

“The Problem with Zoning: Nonlinear Effects of Interactions between Location Preferences and Externalities on Land Use and Utility” forthcoming in *Environment and Planning B* (With Dan Brown, William Rand, Rick Riolo, and Moira Zellner)

FORWARDS

Simulating Society, by Richard Gaylord and Louis D’Andria, Springer-Verlag, New York, 1998.

The Shift Index Deloitte Consulting Group 2009

BOOK REVIEWS

Book Review: “Barriers and Bounds to Rationality Essays on Economic Complexity and Dynamics in Interactive Systems,” by Peter S. Albin. *Discrete Dynamics in Nature and Society*, 2001.

Book Review: “Teaching Complexity in Economics,” by David Colander *Journal of Economic Behavior and Organization*, 2002.

Book Review: “System Effects: Complexity in Political and Social Life,” Robert Jervis Princeton University Press in *Journal of Artificial Societies and Social Simulation*, Volume 2: 1 1998.

Book Review: “Expert Political Judgement,” Philip Tetlock, Princeton University Press in *American Political Science Review Comparative Politics Newsletter*, 2006.

Book Review: “Social Simulation Technologies, Advances, and New Discoveries” by Edmunds, Bruce, Cesaro Hernandez and Klaus G Troitzsch in *Journal of Artificial Societies and Social Simulation* May 2008.

EDITORIAL AND WEB WRITINGS

Detroit Free Press 2006, Ann Arbor News 2006, Center for American Progress 2006,

Huffington Post 2007, 2008, Center for Scientific Progress 2007.

PAPERS CURRENTLY UNDER REVIEW

“The Stability of Groves Ledyard Equilibria” (with Troy Tassier).

“Long Term Efficiency and Short Term Lock-in: Market Predictability with Positive Feedbacks” (with PJ Lamberson).

“Consistency, Conformity, and Cultural Heterogeneity” (with Jenna Bednar, Aaron Bramson, Andrea Jones-Rooy).

“Increasing Returns, Lock-in, and Early Mover Advantage” (with P.J. Lamberson).

CIRCULATING PAPERS AND WORK IN PROGRESS

“Institutional Path Dependence” (with Jenna Bednar).

“Institutional Performance in Environments with Externalities” (with Natasha Zhari-nova).

“Majority Rule and Policy Instability” (with Ken Kollman and John Miller).

“Specialized Elections” (with Jenna Bednar).

“Complexity and Legislative Organization” (with David Epstein).

“Ideology and the Evolution of Policy Preferences” (with Ken Kollman).

“Information Aggregation” (with Lu Hong).

“Behavioral Spillovers with Interdependent Institutions: An Experimental Study.” (with Jenna Bednar, Yan Chen, and Xiao Liu).

GRADUATE STUDENTS

CURRENT: (*Indicates Primary Advisor)

Russell Golman* (Applied Math), Veronica Reyna* (Political Science), Kate Anderson* (Economics), Derek Robinson (SNRE), Andrew Bell (SNRE), Maggie Zhou (Ross School of Business), Kevin Lochner (EECS), Jim Leady* (Economics), Casey Schneider-Mizel (Physics), Paul Hartzog (Information), Andreas Pape* (Economics), Andrea Jones-Rooy (Political Science), Aaron Bronfman (Philosophy).

PAST: (*Indicates Primary Advisor)

Yan Chen (Caltech–Economics), Olga Shvetsova (Caltech–Political Science), Gretchen Kalsow (Caltech–Economics), Troy Tassier* (Iowa–Economics), Matt Jones (UM–Psychology), Laura Malaguzzi Zaleri (UM–Economics), Gregory Lewis (UM–Economics), William Rand (UM–EECS), Daniel Reeves (UM–EECS), Ross Hammond (UM–Political Science), Kan Takeuchi (UM–Economics), Erik Johnston (UM–Information), David Robalino (Rand–Economics), G. Jiyun Kim (UM–Political Science).

CONFERENCE PRESENTATIONS

American Political Science Association: 1991-2006
Public Choice Society 1991-1996, 1998
NSF Decentralization Conference, Evanston IL, 1992 (rapporteur)
National Center for Supercomputing Applications: Economics Conference 1993
NSF–NBER Decentralization Conference, Toronto, Canada 1994
Midwest Political Science Association 1994, 1998-2001, 2005, 2006, 2007
Multiple Equilibria and Evolutionary Processes Conference, University of California Los Angeles, 1994 (discussant)
Complexity and Contemporary History Workshop, Athens Ohio, 1994 (participant)
Evolving Complexity, University of Texas–Dallas, 1994
RGF Conference on Computational Economics, Austin TX, 1995
The Economy as a Complex Evolving System II, Santa Fe Institute 1995
Santa Fe Institute Business Network, Santa Fe Institute, 1995
American Economic Association 1996, 2007.
UCLA–Bionomics Institute Computable Economics meeting, Los Angeles, 1996
Stanford Institute for Theoretical Economics, August 1997
UCLA–Bounded Rationality and Beyond, November 1997
University of Chicago–Argonne National Labs: Agent Based Modeling 1997
Santa Fe Institute, Summer School 1998
Swarmfest, UCLA 1999 (keynote speaker)
Santa Fe Institute, Integrative Themes Workshop 2001
Computational Social Science Conference, UCLA–Arrowhead, 2002 (plenary speaker)
Agent Based Modeling, Argonne National Labs Fall 2002 (keynote speaker)
Northwestern Kellogg Complexity Conference, Fall 2003.
Legg Mason Thought Leader Forum 2004.
Legg Mason and Santa Fe Institute, Complexity and Sports 2004.
Handbook of Mathematical Economics Conference, University of Michigan 2005.
ICER, Torino IT 2005.
Diversity and Complexity Conference, University of Michigan 2005.
Diversity and Robustness Conference, University of Michigan 2006.
SIAM - INFORMS Conference 2007.
Institutions, Torino IT 2007.
Complexity and Epidemiology, Ann Arbor 2007.

Santa Fe Institute: Robustness Conference, 2007.
Santa Fe Institute Diversity and Collapse 2007.
Santa Fe Institute Summer School, 2007.
Oxford Internet Institute, 2007.
Collective Wisdom Conference, College de France, 2008.
Stanford Institute for Economic Policy Research, 2008.
New Initiatives School Fund, Aspen Institute, 2008
American Political Science Association, Boston 2008
MacArthur Foundation, New Technologies Working Group 2008
Ecology FOC Meeting, Bozeman 2008
Renaissance Weekend, Columbia South Carolina 2008.

INVITED SEMINARS

1993: University of Maryland–College Park, University of Michigan–Ann Arbor, University of California–San Diego, Johns Hopkins University, and University of California–Los Angeles.

1994: University of California-Irvine, Syracuse University, Bellcore, University of Western Ontario.

1995: Stanford University, Northwestern University, University of California–Irvine, University of Alabama, Santa Fe Institute, University of Wisconsin–Madison, University of Michigan–Ann Arbor, University of California–Los Angeles.

1996: Rand Corporation, MacArthur Foundation, University of Iowa, University of Chicago, University of Illinois, Columbia University.

1997: University of Iowa, Carnegie Mellon University.

1998: Stanford University, Bradley University, Santa Fe Institute, University of Rochester.

1999: Iowa State, North Carolina, Princeton.

2000: Motorola University (Japan), University of Michigan.

2001: University of California– Los Angeles, Columbia, Washington University–St Louis.

2002: Santa Fe Institute, Harvard University, Northwestern University, NIH-NIGMH.

2003: Caltech, Credit-Suisse First Boston, FCC, Rand, Northwestern University, United States Office of Naval Research, University of Michigan AI lab.

2004: Bank of the West, University of Trento, Kalamazoo College, Sandia Labs, New

York University, MacArthur Foundation (at Stanford), University of Michigan Architecture and Urban Planning, University of California-Irvine, University of Michigan - Bioterrorism Preparedness Center.

2005: Ford Motor Company, Argonne National Labs, CNA Corporation, Nebraska Expo, Pioneer Hi-Bred International, National Science Foundation, University of Michigan, Business School.

2006: University of California Berkeley, Higher School of Economics - Moscow, Purdue University, Ross School of Business—University of Michigan, International Monetary Fund (Catalyst), University of Michigan Medical School, National Science Foundation.

2007: ICOS Seminar, Ross School of Business—University of Michigan, The Ohio State University, National Science Foundation, Stryker Corporation, Ford Motor Company, Oxford University, Federal Deposit Insurance Corporation, Kleiner Perkins, Google, Yahoo!, The Wasatch Group, University of Southern California, Caltech, Legg Mason.

2008: Oxford University, Stanford University - Comparative Politics, EURO - RSCG, Stanford University GSB - Political Economy, Stanford University GSB - Organizational Behavior, Stanford University - Methods, Stanford University - Public Policy, UCLA, UCSB, TotalSAP, University of Wisconsin, Columbia University, Northwestern University, Harrah's, America On Line, University of Illinois-Chicago, Black Board of Directors Conference, MFS, Harvard-MIT, Northern Trust, Association of Independent Schools, Genentech-All Hands, SYFR, World Bank, Genetech-Finance.

2009: Harvard Law School, UCSD, University of Michigan-Applied Math, University of Vermont, Michigan Tech, TOTAL, Penn State, Bloomsburg College, Pittsburgh Consortium for Public Education, Opus 5 Race and the Law,

PUBLIC LECTURES

2006: Diversity Roundtable, Detroit MI. Michigan Civil Rights Summit, Detroit Michigan. Greenhills School, University of Michigan Diversity Summit. Ann Arbor Public Library. Roeper School, Birmingham, MI. The Core Club, New York City. The Standard Club, Chicago, IL, Eastern Michigan University.

2007: The Ohio State University, Western Michigan University, Santa Fe Institute, The Aspen Ideas Festival

2008: Northwestern University, The Robert F. Toigo Foundation, Pittsburgh Chamber of Commerce, University of Michigan NCID.

2009: Cranbrook Schools, University of Vermont (Presidential Lecture Series)

EDITORIAL BOARDS

Editorial Board, *American Political Science Review* 2007–Present.

Associate Editor, *Journal of Public Economic Theory*, 1998–2002.

Associate Editor, *Advances in Complex Systems*, 1997–2003.

REFEREE RESPONSIBILITIES

Referee for Science, *Econometrica*, *Academy of Management Review*, *Complexity*, *American Economic Review*, the *American Political Science Review*, *Journal of Urban Economics*, *Journal of Theoretical Politics*, *American Journal of Political Science*, *Proceedings of the National Academy*, *Nature*, *Complexity*, *Journal of Economic Dynamics and Control*, *Journal of Economic Theory*, *Games and Economic Behavior*, *Social Choice and Welfare*, *Quarterly Journal of Political Science*, *Sociological Methods and Research*, the *National Science Foundation*, the *Social Science and Humanities Research Council of Canada*, *Princeton University Press*, *University of California Press*, *University of Michigan Press*, *Cambridge University Press*, Guest Editor - *Proceedings of the National Academy of Sciences*, *Mathematical and Computer Modeling*.

OTHER ACTIVITIES

Kalamazoo College Center for Complex Systems, Advisory Board

Greenwich Village School, External Advisory Board

Center for Scientific Progress Advisory Board: 2007–Present.

Kellogg Foundation, Consultant 2007– 2008.

Yahoo! Corporation, External Consultant, 2007–2008.

Santa Fe Institute Faculty Hiring Committee (Chair), 2006–Present.

National Research Council Panel on Computational Modeling 2005–2007.

Decentralization Conference 2007 (organizer).

Handbook of Computational Economics Conference 2006 (organizer).

Diversity and Complexity Conference 2005 (organizer).

Section Coordinator: Culture, Midwest Political Science Association 2006.

EITM Instructor, Michigan 2003, 2006, Washington University 2003, Duke University

2004.

MacArthur Foundation, Working Group on Inequality and Peer Effects 1995-2005.

Santa Fe Institute Graduate Workshop in Computational Economics, 1995-Present (organizer and director).

Santa Fe Institute Fellows Program, 1999-2001 (organizer).

ICPSR, instructor 2000-2006.

Center for Computable Economics 1997 Conference (assistant organizer).

NSF-NBER Decentralization Conference Fall 1995 (co-organizer).

Hebrew University Summer School in Information Economics, 1992 (attendee).

Santa Fe Institute Summer School in Complex Systems, 1991 (attendee).

TEACHING AND SERVICE AWARDS

University of Michigan NCID, Distinguished Diversity Scholarship and Engagement Award, 2009

University of Michigan, Faculty Achievement Award, 2007.

University of Iowa Teaching Award Nominee, 1999.

Graduate Student Association Faculty Teaching Award, California Institute of Technology, 1994.

Outstanding Graduate Student Teaching Award, J.L. Kellogg Graduate School of Management, 1993.

J.L. Kellogg Faculty Honor Roll, 1990,1991,1992,1993.

University of Wisconsin–Madison, Mathematics Department Teaching Award, 1988.

INSTITUTE AND UNIVERSITY SERVICE

Social Science DEC Committee, 2007.

National Center for Institutional Diversity Steering Committee, 2006 - 2007.

Futuring Diversity Steering Committee 2004-2006.

SACUA Multicultural University Committee Chair 2004-2005.

SACUA Multicultural University Committee 2003-2006.

UM Faculty Senate 2001- 2004.

American Institutions Search Committee 2003.

ISR Policy Committee 2001-2002.
Admissions Committee Chair, 2001-2005.
Admissions Committee, 2000.
UROP Student Adviser, 2001-2002.
Admissions Committee, University of Iowa 1997.
Speakers committee member, University of Iowa 1997.
Search committee member, University of Iowa 1997.
Faculty Representative, Caltech Multicultural Task Force 1994–1996
Economic Theory Seminar Coordinator, 1994–1995, Winter 1996.
Graduate Student Admissions, 1994–1996.
Graduate Student Admissions, Chairperson 1996.
Director, Race Politics and Region Program 1994–1995.
Presenter, UC Minority Education Forum, Long Beach 1995.
BRIDGE Program: Visiting Speaker 1994,1995.
SURF Program: Visiting Speaker 1995.
SURF Program adviser, 1994, 1995 (2 students), 1996.
Faculty Representative, Admissions Office Southern California Recruitment Meeting.
Faculty Adviser, Freshman Camp, 1993, 1994.
Affirmative Action Coordinator, Political Science Search 1994,
Economics Search 1996.

PUBLIC AND COMMUNITY SERVICE

Speaker, Expect Respect Forum on MCRI, University of Michigan, 2006.
Speaker, Fraternity Forum on MCRI, University of Michigan, 2006.
Moderator, LSA Forum on MCRI, University of Michigan, 2006.
Radio Panelist on MCRI on radio stations WAAM, WJR, WUOM, 2006.
Speaker, Economics Forum. “Peer Effects in Economics” University of Iowa, February 12, 1998.
Pasadena Chamber of Commerce, keynote speaker “A Rose By Any Other Name: The Economic Impact of the New Bowl Alliance,” (with Eric Ball), December 1996.
KPCC Airtalk, “Income Inequality” May 1996.
Pasadena Rotary, speaker, “Economic Impact of the World Cup, the Rose Bowl, and the Super Bowl.” May 1996.
Pasadena Chamber of Commerce Legislative Affairs Committee, speaker “Thoughts on Raising the Minimum Wage and on U.S. Income Inequality”, April 1996.
Pasadena Chamber of Commerce annual meeting, keynote speaker “The Greening of

the Rose Bowl: the economic impact of the Tournament of Roses.” (with Eric Ball), December 1995.

Report to the Pasadena City Council on the Rose Bowl and the World Cup’s economic impact on the city, (with Eric Ball) December 1995.

Organizer, Public Forum on Proposition 187 (with City of Pasadena and Pasadena Unified School District), Fall 1994.