

## CURRICULUM VITAE

**John F. Padgett**

### Personal

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**Born:** LaPlata, Maryland

**Marital Status:** married, two children

### Education

**Ph.D.** University of Michigan (Sociology and Public Policy), 1978

**M.P.P.** University of Michigan (Public Policy), 1974

**M.A.** University of Michigan (Sociology), 1974

**B.A.** Princeton University (magna cum laude), 1971

### Employment

2008- Professor of Economics and Management, University of Trento, Italy (part time)  
2006-9 External Professor, Santa Fe Institute (part time)  
2005-7 Visiting Professor, Institute for Advanced Study (IMT), Lucca, Italy (part time)  
2004-7 Visiting Professor, Bocconi University, Milan, Italy (part time)  
2003-4 Visiting Senior Fellow, Institute for Advanced Study, University of Bologna, Italy (part time)  
2000-4 Research Professor, Santa Fe Institute (part time)  
1996-9 External Professor and Program Director, Santa Fe Institute (part time)  
1996-7 Jean Monnet Fellow, Department of History, European University Institute, Florence, Italy  
1996-7 Visiting Professor, Villa I Tatti (Harvard U.), Florence, Italy  
1990-1 Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, Cal.  
1984- Associate to Full Professor of Political Science and the College, University of Chicago  
1984-5 National Fellow, Political Science, Hoover Institution, Stanford, Cal.  
1981-4 Assistant Professor of Political Science and Sociology, University of Chicago  
1977-81 Assistant Professor of Sociology, Harvard University  
1975-6 Research Associate, Center for Advanced Study in the Behavioral Sciences, Stanford, Cal.  
1971-72 Senior Planner, Department of Planning and Development; then Policy Assistant to the Mayor, City of Trenton, New Jersey  
1970 (one summer) Mental Health attendant, New Jersey Neuro-psychiatric Hospital, Trenton, N.J.  
1968-69 (two summers) Electrical Engineer, working on sonar, U.S. Navy, Portsmouth, Virginia

## Current Research

For the past twenty years, I have been constructing from primary archival sources a massive quantitative data set about social-network evolution over two hundred years, 1300-1500, in Renaissance Florence. This unprecedented data set contains information on about 55,000 persons: 11,000+ marriages, 14,000+ loans, 3,000+ business partnerships/firms, 40,000+ tax records, 12,000+ political-office elections, and so forth. Renaissance Florence was the arena for many history-altering organizational and technical inventions, in numerous domains. The project seeks to understand the genesis of many of these economic and political organizational inventions, both through tracing empirically and through agent-based modeling of the co-evolution of multiple social networks over time.

## Publications

The Emergence of Organizations and Markets, book with Woody Powell, under contract with Princeton University Press. Chapters authored by me are these:

Chap. 1: "The Problem of Emergence," (with Woody Powell).

Chap. 2: "Autocatalytic Networks in the Origin of Life".

Chap. 3: "Economic Production as Chemistry II," (with Peter McMahan and Xing Zhong).

Chap. 4: "From Chemical to Social Networks."

Chap. 5: "The Emergence of Medieval Corporations in Dugento Tuscany."

Chap. 6: "Transposition and Refunctionality: The Birth of Partnership systems in Renaissance Florence."

Chap. 7: "The Birth of Joint-stock companies and the Stock Market in early-modern Netherlands."

Chap. 8: "The Politics of Communist Economic Reform: Soviet Union and China."

"Conflict Displacement and Dual Inclusion in the Construction of Germany," (with Jonathan Obert), under review at American Journal of Sociology.

"Causality in Political Networks," (with Michael Heaney, Betsy Sinclair and James Fowler), American Politics Research, accepted and forthcoming.

"Economic Credit in Renaissance Florence," (with Paul McLean), Journal of Modern History, forthcoming (March 2011).

"Open Elite? Social Mobility, Marriage and Family in Florence, 1282-1494," Renaissance Quarterly, 63 (Summer 2010): 357-411.

"Heroes and History," a documentary movie with James G. March, Schechter films, August 2008.

"Organizational Invention and Elite Transformation: The Birth of Partnership Systems in Renaissance Florence," American Journal of Sociology 111: 1463-1568 (March 2006) (with Paul McLean)

- Winner of best article prize in Comparative and Historical Sociology, American Sociological Association, 2008.

- "Obligation, Risk, and Opportunity in the Renaissance Economy: Beyond Social Embeddedness to Network Co-constitution," in Frank Dobbin (ed.), The Sociology of the Economy. Russell Sage Foundation, 2004. (with Paul McLean)
- "Economic Production as Chemistry," Industrial and Corporate Change 12: 843-878 (August 2003). (with Doowan Lee and Nick Collier)
- "Organizational Genesis, Identity and Control: The Transformation of Banking in Renaissance Florence," in Alessandra Cassella and James Rauch (eds.), Markets and Networks. Russell Sage Foundation, 2001.
- Reviewed in Journal of Economic Literature 41: 545-566 (June 2003).
- "The Emergence of Simple Ecologies of Skill: A Hypercycle Approach to Economic Organization," in The Economy as an Evolving Complex System II, edited by Brian Arthur, Steven Durlauf and David Lane. A volume in Santa Fe Institute Studies in the Sciences of Complexity, Reading, Mass.: Addison-Wesley. 1997.
- "Was Florence a Perfectly Competitive Market? Transactional Evidence from the Renaissance." Theory and Society 26: 209-244 (1997). (with Paul McLean)
- "Robust Action and the Rise of the Medici, 1400-1434." American Journal of Sociology 98: 1259-1319 (May 1993). (with Christopher Ansell)
- Full-day conference on this article, with six commentary papers: three by historians and three by French social scientists, École des Hautes Études en Sciences Sociales, Paris, France, June 4, 2000.
  - Reprinted in Social Networks: Critical Concepts in Sociology, John Scott (ed.), London: Routledge, 2002.
- "Review Essay: Learning From (and About) March." Contemporary Sociology 21: 744-49 (1992).
- "Review Essay: The Alchemist of Contingency Theory." American Journal of Sociology 97: 1462-70 (1992).
- "Review Essay: Rationally Inaccessible Rationality." Contemporary Sociology 15: 26-28 (1986).
- "Mobility as Control: Congressmen through Committees," in R.L. Breiger (ed.), Social Mobility and Social Structure. New York: Cambridge University Press, 1990.
- "Plea Bargaining and Prohibition in the Federal Courts: 1908-1934," Law and Society Review 24: 413-450 (1990).
- "The Emergent Organization of Plea Bargaining," American Journal of Sociology 90: 753-800 (1985).

"Hierarchy and Ecological Control in Federal Budgetary Decision Making," American Journal of Sociology 87: 75-129 (1981).

- James L. Barr award winner, Association of Public Policy Analysis and Management, best article of year by a junior faculty in public finance.

"Managing Garbage Can Hierarchies," Administrative Science Quarterly 25: 583-604 (1980).

"Bounded Rationality in Budgetary Research," American Political Science Review 74: 354-372 (1980).

Coping with Complexity: Stochastic Models of Budgetary Decision Making in O.M.B. and Domestic Agencies. University of Michigan dissertation, 1978. Dissertation Chair: John Patrick Crecine.

### **Working Papers**

"Organizational Genesis in Florentine History: Four multiple-network mechanisms," 2007.

Lectures on Co-evolution of States and Markets (to become book with Chris Ansell), 2006, 2007.

"The Changing Role of the Florentine Family in Cambio Banking, 1299-1499," paper presented at Witherspoon Institute conference on Family Capitalism," Princeton University, March 9, 2006.

"Early Florentine Companies, 1300-1378," <http://home.uchicago.edu/~jpadgett>, 2005.

"Can the concept of organizational form be made to be dynamic?" prepared for Journal of Management and Governance Roundtable, March 5, 2004.

"Elite Transformation and Organizational Invention in Renaissance Florence," SFI working paper 05-02-001, February 2005.

"Economic and Social Exchange in Renaissance Florence," SFI working paper 02-07-032, July 2002.

"Modeling Florentine Republicanism," SFI working paper 01-01-007. November, 2000.

"Modeling Florentine Banking, Part I: Deposits and Loans," SFI working paper 01-01-008. November, 2000.

"Social Relations in Florentine Markets: Quantitative Evidence from the 1427 Catasto," conference paper presented at the 1997 annual meeting of the Economic History Association. (with Paul McLean)

"Marriage and Elite Structure in Renaissance Florence, 1282-1500," conference paper presented at the 1994 annual meeting of the Social Science History Association.

"Corporate Committees in Congress," conference paper presented at the 1986 annual meeting of the American Political Science Association.

Lectures on Comparative Authority Structures, Department of Political Science, University of Chicago, 1982, 1983.

"The Reflexive Organization of Guilt: Plea Bargaining in the United States, Great Britain, France and Germany," Department of Sociology, Harvard University, 1981.

"Case Histories of Fiscal Policy and Domestic Budgetary Decision Making during the Vietnam War," Department of Sociology, Harvard University, 1979.

"A Tacit Bargaining Model of Budgeting," University of Michigan I.P.P.S. Discussion Paper #87, presented at the 1976 annual meeting of the Public Choice society.

### **Book Reviews**

Review of book by Scott Sagan. Contemporary Sociology, 23: 867-68 (1994).

Review of book by Martha Feldman. Contemporary Sociology, 20: 55-56 (1991).

"Review Essay: Corporate Potlatch." Review of book by Joseph Galaskiewitz. Contemporary Sociology, 15: 818-21 (1986).

Review of paper by Eccles and White, in S. Lindenberg, J. S. Coleman, and S. Nowak (eds.), Approaches to Social Theory. New York: Russell Sage Foundation, 1986.

### **Awards, Grants, Fellowships**

National Science Foundation (within Human and Social Dynamics program) grant NSF-HSD SBE-0433006: "Organizational Innovation in Renaissance Florence," \$600,000 for the period 2004-2007, granted through the Santa Fe Institute.

Hewlett Foundation grant: "The Co-evolution of States and Markets," with Woody Powell, \$550,000 for the period 2002-2006, granted through the Santa Fe Institute.

Graduation speaker for my old high school: St. Mary's-Ryken, Leonardtown, Md., 2008.

Martin Bower Fellow, Harvard Business School, granted for 2006-7 but declined.

Jean Monnet Fellow, European University Institute, Fiesole, Italy, 1996.

Visiting Senior Fellow, Institute for Advanced Studies, University of Bologna, 2003.

Keynote speaker, Board of Trustees and Science Board, Santa Fe Institute, 1997, 2001.

Joseph Marschak Distinguished Lecture, U.C.L.A., 1999.

Visiting Professor, Villa I Tatti (Harvard research center for Renaissance Italian research), Florence, Italy, 1996-7.

University of Chicago Dean's Symposium, Distinguished Lecture, 1996.

Tjalling Koopmans Distinguished Lecture, International Institute for Applied Systems Analysis, Vienna, Austria, 1995.

Visiting Professor, Bocconi University, Milan, Italy, and University of Modena, Modena, Italy. March 1995.

National Endowment for the Humanities Summer Fellowship, 1994.

Fellow, Center for Advanced Study in the Behavioral Sciences, 1990-91.

Distinguished Lectureship, Carnegie-Mellon University, 1987.

Member, Sociological Research Association, 1986- (An A.S.A. honor society)

Award for Teaching Excellence, Society for Social Research, 1986.  
(Voted by University of Chicago graduate students in Sociology)

National Fellow, Hoover Institution, Stanford University, 1984-85.

James L. Barr Award, Association of Public Policy Analysis and Management, 1982.  
(Research excellence by junior faculty in the area of public economics)

Social Science Divisional Grant, University of Chicago: 1981, 1985, 1988, 1990, 1992, 1994, 1995.

National Science Foundation Grant, 1980. (with Harrison C. White and Ronald L. Breiger)

Clark Fund, Harvard University, 1978.

Department of Housing and Urban Development Dissertation Grant, 1975.

Ford Foundation Graduate Fellow, 1973-76.

National Institute of Mental Health Graduate Fellow, 1972-74.

**Professional Activities** (excluding all the many talks to professional conferences and seminars)

Ad hoc review committee, Department of Sociology, Harvard University, 2007.

Distinguished Book Award Selection Committee, American Political Science Association, 2003.

Science Steering Committee (i.e., scientific governing board), Santa Fe Institute, 1999-2002.

Chair of Division-wide faculty search committee for Dean of Social Sciences, University of Chicago, 1998-99.

Associate Editor, Industrial and Corporate Change, 1998-

Presidential and Awards Selection Committees, Politics and History Section, American Political Science Association, 1993, 1995.

Consulting Editor, Law and Society Review, 1988-1992.

Consulting Editor, Social Science History, 1988-1992.

Organizer, Politics and Culture Interdisciplinary Faculty Seminar, Univ. of Chicago, 1988-90.

Organizer, A.P.S.A. session on Models of Historical Branching, 1990.

Organizer, A.S.A. session on Mathematical Sociology, 1985.

Social Science Research Council, Committee on Social Indicators, 1982-85.

Associate Editor, American Journal of Sociology, 1982-84.

Consulting Editor, American Journal of Political Science, 1982-84.

Consulting Editor, Contemporary Sociology, 1983-1986.

Referee: American Political Science Review, American Journal of Political Science,

American Journal of Sociology, American Sociological Review, Administrative Science Quarterly, Sociological Forum, Law and Society Review, Social Science History, Journal of Modern History, Industrial and Corporate Change.

Elected Member, Dean's Search committee, 1991-2.

Elected Member, University Senate, 1987-90.

Chair, American Politics Search Committee, 1990-1, 2001-2.

Member, Committee on Public Policy, University of Chicago, 1981-88.

Chair, Undergraduate Program, Department of Political Science, University of Chicago, 1983.

Chair, Committee on Higher Degrees, Department of Sociology, Harvard University, 1980.

Organizer, Conference on "the Formal Organization of Collective Choice: Mathematical Models of Organizational Emergence and Control," Harvard University, May 28-29, 1980.

Faculty Associate, RIAS Program, Harvard University (1977-81). NSF Project for Cross-Disciplinary Mathematical Modeling.

Board of Tutors, Applied Mathematics Department, Harvard University (1979-80).

### **Courses Taught**

Workshop on Organizations and State-Building (year-long, funded; lasted for twenty years)

Organizational Decision Making (large lecture course)

Network Analysis and Social Structure (mixed: seminar & lecture)

Complexity (mixed: seminar & lecture) and Agent-based Modeling (tutorial)

Organizations in Historical Context (mixed: seminar & lecture)

State and Market Formation (mixed: seminar & lecture)

Co-evolution of State and Market (mixed: seminar & lecture)

Renaissance Florence: Social History and Political Theory (joint with John McCormick)

Stochastic Models of Social Processes (methodology seminar)

Federal Budgetary Policy (public policy course)

Sociological Theory (required core course for entering Sociology graduate students)

Self, Culture, and Society ("great books" for College undergraduates)

Western/European Civilization (based on primary sources for College undergraduates)

### **Ph.D. Students Produced**

(list of those for whom I was chair or co-chair of their dissertation committee)

Christopher Ansell, Associate Professor, Political Science, University of California at Berkeley.

Anibal Jose Aponte Colon. Assistant Professor, Political Science, University of Puerto Rico.

Dan Carpenter, Professor, Political Science, Harvard University.

Bruce Carruthers, Professor, Sociology, Northwestern University.

Jin-Wook Choi, Assistant Professor, Politics and Public Administration, University of Hong Kong.

Jung-Woon Choi, Professor, International Relations, University of Seoul.

Matteo Colombi, Researcher, American Federation of Labor.  
Lauren Duquette, current graduate student, Political Science, University of Chicago.  
Wendy Espeland, Associate Professor, Sociology, Northwestern University. (although not chair)  
Santi Furnari, Assistant Professor, Case Business School, London.  
Blair Gifford, Professor, Business School, University of Colorado.  
Michael Heaney, Assistant Professor, Political Science, University of Michigan.  
Marilyn Lashley, Associate Professor, School of Public Policy, University of Maryland.  
Steve Laymon, Associate Dean, School of Public Policy, Columbia University.  
Doowan Lee, current graduate student, Political Science, University of Chicago.  
John Kenny, Arthur Anderson Consulting.  
Daniel McFarland, Associate Professor, School of Education, Stanford University.  
Paul McLean, Associate Professor, Sociology, Rutgers University.  
Martina Morris, Professor, Sociology, University of Washington. (although not chair)  
Jonathan Obert, current graduate student, Political Science, University of Chicago  
Elena Obukhova, Assistant Professor, Sloan School of Business, M.I.T.  
Sarah Parkinson, current graduate student, Political Science, University of Chicago  
Samory Rashid, Professor, Political Science, Indiana State University.  
Michael Reinhard, Assistant Professor, Millsaps College, Mississippi.  
Frank Smith, Assistant Professor, Political Science, University of Brisbane.  
Bartholomew Sparrow, Associate Professor, Government, University of Texas.  
Guy Stuart, Assistant Professor, Kennedy School of Government, Harvard University.  
Xing Zhong, Research Associate, Samsung Research Institute, Beijing.  
Jakub Zielinski, Assistant Professor, Political Science, Ohio State University.