
BIOGRAPHICAL SKETCH

NAME: Pamela Paxton

eRA COMMONS USER NAME: PP7497

POSITION TITLE: Christine and Stanley E. Adams, Jr. Centennial Professor in the Liberal Arts & Professor of Sociology and Public Affairs

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YYYY	FIELD OF STUDY
University of Michigan, Ann Arbor, MI	BA	05/1992	Economics and Sociology
University of North Carolina, Chapel Hill, NC	MA	06/1994	Sociology
University of North Carolina, Chapel Hill, NC	PhD	08/1998	Sociology

A. Personal Statement

My research focuses on gender stratification, social capital, and quantitative methodology. Multiple grants from the National Science Foundation, private foundations, and the Corporation for National and Community Service (CNCS) have supported my research programs. In the next few years, I will use current CNCS funding to extend my longstanding research agenda on the measurement of social capital to integrate local administrative and digital networking data with existing survey measures of social capital at the community level. I will use these new community-level measures of social capital to model its interdependent and reciprocal relationship with the health of individuals and communities. My research falls under the PRC primary research areas of "Demography: Education, Work and Inequality" and "Population Health." I am also the head of the PRC Scientific and Technical Core. As the PI of multiple grants from NSF, government agencies, and private foundations, I rely on the support of the Administrative Core to submit and manage my awards. The Scientific and Technical Core supports my data collection efforts, helps train my graduate students, and aids in the execution of my research. For example, I consult with Scientific and Technical Core staff on the web-scraping and textual analyses I am undertaking in my current research on subjective well-being.

B. Positions and Honors

Positions and Employment

1998-2010 Assistant to Full Professor, Department of Sociology and (by courtesy) Political Science, The Ohio State University

1999-2002 Instructor for Inter-University Consortium for Political & Social Research (ICPSR) Summer Training Program in Advanced Statistical Techniques, University of Michigan, Ann Arbor, MI

2003-2007 Consultant, USAID Democracy and Governance Program

2009-2010 Associate Dean, College of Social and Behavioral Sciences, The Ohio State University

2010-present Professor, Departments of Sociology and Public Affairs, Christine and Stanley E. Adams, Jr. Centennial Professor in the Liberal Arts, The University of Texas at Austin

Other Experience and Professional Organizations

2002-2015 Editorial Boards, *American Journal of Sociology*, *Sociological Methodology*, *American Journal of Political Science*, *Journal of Trust Research*, *Social Forces*, *Socius*, *Journal of Women, Politics, and Policy*, *Sociological Forum*

2002, 2006 Member, Advisory Committee for Inter-University Consortium for Political and Social Research (ICPSR) Summer Training Program in Advanced Statistical Techniques

2006-2009 Member, ASA Methodology Section Council

2006-2009 Member, ASA Political Sociology Section Council

2007-2010 NSF Sociology Advisory Panel

2007-2009 Deputy Editor, *American Sociological Review*

2008-2011 Executive Council, APSA Women and Politics Section

2008-present Scientific Advisory Board, Making Electoral Democracy Work. André Blais, PI.

2009-present Scientific Advisory Board, Centre for the Study of Democratic Citizenship. Elisabeth Gidengil, director.

2010- Scientific Advisory Board, Public Goods through Private Eyes. Natalia Letki, PI.

2012-2015	Member, ASA Global and Transnational Section Council
2012-2014	Member, National Academy of Sciences Panel: Measuring Civic Engagement and Social Cohesion to Inform Policy (2012-2014)
2013	Paul Lazarsfeld Award Committee, ASA Methodology Section
2013-present	Scientific Advisory Board, Million Dollar Donors Report. Indiana University School of Philanthropy.
2013-2015	Member and Chair, Jessie Bernard Award Selection Committee, ASA
2014-2016	Member, ASA Altruism, Morality, and Social Solidarity Council
2015-present	Scientific Advisory Board, Generosity for Life. Indiana University School of Philanthropy.
2016	Chair-Elect, ASA Altruism, Morality, and Social Solidarity
Present	Member: American Sociological Association, Population Association of America, American Political Science Association, Association for Research on Nonprofit Organizations and Voluntary Action

Honors

1990	Phi Beta Kappa
1997	Howard W. Odum Award, University of North Carolina at Chapel Hill.
1997-1998	Carolina Society of Fellows, University of North Carolina at Chapel Hill.
2003	John Glenn Scholar, The John Glenn Institute for Public Service and Public Policy
2006	Carrie Chapman Catt Prize for Research on Women in Politics
2010-2017	Christine and Stanley E. Adams, Jr. Centennial Professorship in the Liberal Arts
2010	Sociological Research Association
2015	Holleran Steiker Award for Creative Student Engagement, University of Texas at Austin
2016	Co-Recipient of the Lijphart/Przeworski/Verba Dataset in Comparative Politics Award from the American Political Science Association for the Varieties of Democracy (V-DEM) dataset.
2016-2018	Distinguished Research Affiliate, Kellogg Institute for International Studies, University of Notre Dame.

C. Contributions to Science

Structural and Simultaneous Equation Modeling. Certainly, throughout the social sciences, scholars are aware that models estimated using observational data are likely affected by endogeneity for one or more predictors. Indeed, social scientists often construct models that specify reciprocal relationships or feedback loops among multiple outcomes. But scholars are often unsure how to address these issues and/or may underestimate the consequences of this problem. Through papers and books, I have helped elucidate the specification and identification of recursive and nonrecursive models, assessing the quality of the estimates, and correctly interpreting the results from simultaneous equations models. I have also explored interaction effects, outliers, fit statistics, and other issues in structural equation models.

- Paxton, Pamela, John R. Hipp and Sandy Marquart-Pyatt. 2011. *Nonrecursive Models: Endogeneity, Reciprocal Relationships, and Feedback Loops*. Sage Publications, Quantitative Applications in the Social Sciences Series.
- Ken Bollen, James Kirby, Patrick Curran, Pamela Paxton, and Feinian Chen. 2007. "Latent Variable Models Under Misspecification: Two Stage Least Squares (2SLS) and Maximum Likelihood (FIML) Estimators." *Sociological Methods and Research* 36:48-86.
- Paxton, Pamela, Patrick Curran, Kenneth A. Bollen, James Kirby, and Feinian Chen. 2001. "Monte Carlo Experiments: Design and Implementation." *Structural Equation Modeling* 8:287-312.
- Chen, Feinian, Kenneth A. Bollen, Pamela Paxton, Patrick Curran, and James Kirby. 2001. "Improper Solutions in Structural Equation Models: Causes, Consequences, and Strategies." *Sociological Methods and Research* 29:468-508.

Measurement of Social Scientific Concepts. Despite significant attention to nuances of estimation, social scientists often measure complex concepts poorly. With funding from NSF, I have focused on methods for improving measurement using multiple indicators, expert coders, network methodologies, and textual analysis.

- Paxton, Pamela and Robyn Rap. Forthcoming. "Does the Standard Voluntary Association Question Capture Informal Associations?" *Social Science Research*
- Reith, Nicholas, Pamela Paxton, and Melanie Hughes. Forthcoming. "Building Cross-National, Longitudinal Datasets: Issues and Strategies for Implementation." *International Journal of Sociology*.
- Hughes, Melanie, Lindsey Peterson, Jill Ann Harrison, and Pamela Paxton. 2009. "Power and Relation in the World Polity: The INGO Country Network Score, 1978-1998." *Social Forces* 87:1711-42.
- Bollen, Kenneth A. and Pamela Paxton. 1998. "Detection and Determinants of Bias in Subjective Measures." *American Sociological Review* 63:465-478.

Social Capital and Subjective Well-Being. People's networks and association memberships, and the social capital of their communities strongly affect their quality of life. But although we have individual-level measures of social capital and some measures of national or state-level social capital, we do not have measures of social capital at the level that matters for citizen's lived experiences – their communities. Further, the reciprocal relationship between social capital and health, including subjective well-being, needs to be explored. With funding from CNCS, I am extending my longstanding research agenda on the measurement of social capital to model its complex relationship with the health of individuals and communities. The newest line of work in this area uses local administrative and digital networking data to complement and extend existing survey measures of social capital at the community level and relate these to subjective well-being.

- Ressler, Robert, Pamela Paxton, Lilla Pivnick, Kris Velaso, and Inbar Weiss. 2016. "Nonprofits, Tweets, and Subjective Well-Being." Presented at the annual meeting of the American Sociological Association, Seattle, August 2016
- Paxton, Pamela, Inbar Weiss, Lilla Pivnick, Robert Ressler, and Kris Velaso. 2016. *A New County-Level Measure of Social Capital*. Initial Draft Report, Corporation for National and Community Service.
- Paxton, Pamela and James Moody, eds. 2009. "Social Capital and Social Networks: Bridging Boundaries," *American Behavioral Scientist* volume 52, issues 11 and 12
- Paxton, Pamela. 2002. "Social Capital and Democracy: An Interdependent Relationship." *American Sociological Review* 67:254-277.

Gender Stratification in Politics and Business. Women's representation in politics has grown dramatically in the last twenty years. Yet in comparison to improvements in education and labor force participation, women's representation in political institutions remains low. With support from NSF, I have explored the determinants of women's political representation across countries as well as the consequences of affirmative action policies to increase women's representation (gender quotas). In business, since Norway implemented the first corporate board quota in 2006, several other European countries have adopted measures to increase the representation of women on boards of directors through quotas. Therefore, building off my longstanding research on the adoption of legislative gender quotas, my newest research in this area considers the adoption of these corporate board gender quotas across Europe. I am particularly interested in understanding whether mechanisms known to influence the adoption of legislative quotas are similar to the adoption of corporate board quotas. Further, my prior work has shown that not all legislative gender quotas are effective in producing gains in women's representation. I will thus consider whether differences in corporate board quotas influence their whether women achieve greater representation on boards of directors.

- Hughes, Melanie, Pamela Paxton and Mona Lena Krook. Forthcoming. "Gender Quotas for Legislatures and Corporate Boards." *Annual Review of Sociology*.
- Hughes, Melanie M, Mona Lena Krook, and Pamela Paxton. 2015. "Transnational Women's Activism and the Global Diffusion of Gender Quotas." *International Studies Quarterly* 59:357-372.
- Paxton, Pamela and Melanie Hughes. 2015. "The Increasing Effectiveness of National Gender Quotas, 1990-2010." *Legislative Studies Quarterly* 40:331-362.
- Paxton, Pamela, Melanie Hughes and Jennifer Green. 2006. "The International Women's Movement and Women's Political Representation, 1893-2003." *American Sociological Review* 71:898-920.

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/pamela.paxton.1/bibliography/50955801/public/?sort=date&direction=descending>

D. Research Support

Ongoing Research Support

CNCS 201502185-001 (P.Paxton, PI)

10/01/2015-09/30/2017

Corporation for National and Community Service

Social Capital at the Community Level: A New Measure and Test of its Relationship with Economic and Health Outcomes

This project explores how community social capital, measured with survey data and administrative records, is reciprocally related to economic and health outcomes.

Role: Principal Investigator

Responsibilities: Collaborating with students on quantitative analyses and paper-writing; overseeing coding and analyses of qualitative data; coordinating two project sites; handling administrative responsibilities and reporting.