

March 2019

ELIZABETH MAGGIE PENN

327 Tarbutton Hall
1555 Dickey Drive
Atlanta, Georgia 30322
empenn@emory.edu
elizabethmpenn.com

ACADEMIC POSITIONS

- July 2018–. Professor of Political Science and Quantitative Theory & Methods, Emory University.
- July 2015–June 2018. Professor of Political Science and the College, University of Chicago.
- July 2009–June 2015. Associate Professor of Political Science, Washington University in St. Louis.
- July 2005–June 2009. Assistant Professor of Government, Harvard University.
- September 2003–June 2005. Assistant Professor of Social and Decision Sciences, Carnegie Mellon University.

EDUCATION

- Ph.D. in Social Science, California Institute of Technology, 2003.
Thesis: *Cooperation and Social Choice: How Foresight Can Induce Fairness*.
Committee: Jonathan Katz & Thomas Palfrey (chairs), R. Michael Alvarez, Kim Border, Matthew Jackson.
- M.S. in Social Science, California Institute of Technology, 2001.
- B.A. in Applied Mathematics and Economics, University of California at Berkeley, 1999.

BOOK

- *Social Choice and Legitimacy: The Possibilities of Impossibility*, with John Patty.
Political Economy of Institutions and Decisions series, Cambridge University Press, 2014.

JOURNAL ARTICLES

- “Are Moderates Better Representatives than Extremists? A Theory of Indirect Representation,” with John Patty. Forthcoming, *American Political Science Review*.
- “Measuring Fairness, Inequality, and Big Data: Social Choice Since Arrow,” with John Patty. Forthcoming, *Annual Review of Political Science*.
- “Valence, Elections, and Legislative Institutions,” with Brian Crisp, John Patty, and Constanza Schibber. Forthcoming, *American Journal of Political Science*.
- “A Defense of Arrow’s Independence of Irrelevant Alternatives,” with John Patty. *Public Choice*, 179(1-2), 2019. Editor reviewed.
- “What is Pivotal Politics (and What Else Can It Be)?” with Nathan Monroe and John Patty. *Journal of Politics*, 80(3), 2018. Editor reviewed.
- “Uncertainty, Polarization, and Proposal Incentives Under Quadratic Voting,” with John Patty. *Public Choice*, 172(1), 2017.
- “Inequality, Social Context, and Value Divergence.” *Journal of Politics*, 79(1), 2017.

- “Engagement, Disengagement, or Exit: A Theory of Equilibrium Associations.” *American Journal of Political Science*, 60(2), 2016.
- “Aggregation, Evaluation, and Social Choice Theory,” with John Patty, 2015. *The Good Society*, 24(1), 2015.
- “Analyzing Big Data: Social Choice and Measurement,” with John Patty. *PS: Political Science and Politics*, 48(1), 2015.
- “Sequential Decision-Making and Information Aggregation in Small Networks,” with John Patty. *Political Science Research and Methods*, 2(2), 2014.
- “Scoring from Contests,” with Keith Schnakenberg. *Political Analysis*, 22(1), 2014.
- “Manipulation and Single-Peakedness: A General Result,” with Sean Gailmard & John Patty. *American Journal of Political Science*, 55(2), 2011.
- “A Social Choice Theory of Legitimacy,” with John Patty. *Social Choice and Welfare*, 36(3), 2011.
- “A Model of Farsighted Voting.” *American Journal of Political Science*, 53(1), 2009. Reprinted in *Political Economy: Critical Concepts in the Social Sciences Volume I*, edited by Norman Schofield, Dino Falaschetti and Andrew R. Rutten. Routledge, 2011.
- “From Many, One: State Representation and the Construction of an American Identity.” *Journal of Theoretical Politics*, 21(3), 2009.
- “The Structure of Heresthetical Power,” with Scott Moser & John Patty. *Journal of Theoretical Politics*, 21(2), 2009.
- “Citizenship versus Ethnicity: The Role of Institutions in Shaping Identity Choice.” *Journal of Politics*, 70(4), 2008.
- “The Legislative Calendar,” with John Patty. *Mathematical and Computer Modelling*, 48(10), 2008.
- “A Distributive N-Amendment Game with Endogenous Agenda Formation,” *Public Choice*, 136(2), 2008.
- “The Banks Set in Infinite Spaces,” *Social Choice and Welfare*, 27(3), 2006.
- “Alternate Definitions of the Uncovered Set, and Their Implications,” *Social Choice and Welfare*, 27(1), 2006.
- “Institutions and Sorting in a Model of Metropolitan Fragmentation,” *Complexity*, 9(5), 2004.

BOOK CHAPTERS AND REVIEWS

- “Network Theory and Political Science,” with John Patty. In *The Oxford Handbook of Political Networks*, edited by Jennifer Nicoll Victor, Alexander H. Montgomery, and Mark Lubell. Oxford University Press, 2017.
- “Arrow’s Theorem and Its Descendants.” In *The Elgar Handbook of Social Choice and Voting*, edited by Jac Heckelman and Nicholas Miller. Elgar, 2015.
- “Measuring the Latent Quality of Precedent: Scoring Vertices in a Network,” with John Patty and Keith Schnakenberg. In *Advances in Political Economy: Institutions, Modelling and Empirical Analysis*, edited by Daniel Kselman, Gonzalo Caballero and Norman Schofield. Springer, 2013.
- “Impossibility Theorems and Paradoxes in Collective Choice Theory.” In *The Wiley Encyclopedia of Operations Research and Management Science*, Editor-In-Chief James J. Cochran. John Wiley & Sons, 2011.
- “Arrow’s Theorem on Single-Peaked Domains,” with Sean Gailmard and John Patty. In *The Political Economy of Democracy*, edited by Enriqueta Aragonès, Carmen Beviá, Humberto Llavador and Norman Schofield. Fundación BBVA, 2009.
- “What McKelvey Taught Us,” with John Patty. In *Positive Changes in Political Science: The Legacy of Richard D. McKelvey’s Most Influential Writings*, edited by John Aldrich, James Alt, and Arthur Lupia. University of Michigan Press, 2007.
- Review of *Social Choice and Strategic Decisions: Essays in Honor of Jeffrey S. Banks*, edited by David Austen-Smith and John Duggan. *Social Choice and Welfare*, 26(3), 2006.

GRANTS AND FELLOWSHIPS

- Co-Principal Investigator on “Empirical Implications of Theoretical Models (EITM) Summer Institutes 2016—2019,” National Science Foundation Grant SES-1528445 for \$967,058. Co-Principal Investigators Arthur Lupia, Scott de Marchi, and Sean Gailmard. September 1, 2015—August 31, 2018.
- Interdisciplinary Teaching Grant for “Fair Division in Theory and Practice,” Washington University Provost’s Office, \$40,000. Co-instructor Ron Cytron (Computer Science). Spring, 2015.
- Co-Principal Investigator on “Institutional Interactions: The Impacts of Bicameralism and Presidential Powers on Legislative Structure,” National Science Foundation Grant SES-1227186 for \$236,116. Co-Principal Investigators Brian Crisp and John Patty. August 1, 2012—July 31, 2015.
- Co-Investigator on “New Observational Data Analysis Methods for Comparative Effectiveness Research,” National Institutes of Health Grant RC4 LM010958-01 for \$1,499,998. Principal Investigator William Shannon. September 1, 2010—August 31, 2013.
- Weatherhead Center Junior Faculty Synergy Semester in International Affairs. Spring 2009.
- Olin Student Fellow in Law and Economics. Summer and Fall, 2002.
- Haynes Foundation Fellowship. Academic year 2001-2002.
- Irvine Foundation Fellowship. Academic years 1999-2001.

INVITED TALKS

- 2019 Texas A&M University, Department of Political Science (forthcoming).
London School of Economics, Department of Government.
University of Warwick, Department of Economics.
Nottingham Interdisciplinary Center for Economic and Political Research.
University of California at San Diego, Department of Political Science.
- 2017 Duke University, Department of Political Science.
University of Illinois at Urbana-Champaign, Department of Political Science.
University of California at Irvine, Institute for Mathematical Behavioral Sciences.
University of California at Merced, Department of Political Science.
Emory University, Department of Political Science.
Stanford University, Department of Political Science.
- 2016 University of California at Berkeley, Research Workshop in American Politics.
Harvard University, Department of Government.
- 2015 California Institute of Technology, Political Economy Workshop.
University of Rochester, Wallis Seminar on Political Economy.
Rice University, Department of Political Science.
- 2014 Yale University, Leitner Political Economy Seminar Series.
New York University, Departments of Political Science and Economics.
Ohio State University, Department of Political Science.
Columbia University, Departments of Political Science and Economics.
Princeton University, Department of Politics.
Penn State University, Department of Political Science.
- 2013 University of Pittsburgh, Department of Political Science.
University of Maryland, Department of Government and Politics.

- 2012 Texas A&M University, Department of Political Science.
Stanford University, Graduate School of Business.
Duke University, Department of Political Science.
University of South Carolina, Department of Political Science.
University of Chicago, Harris School of Public Policy.
- 2011 University of North Carolina at Chapel Hill, Department of Political Science.
University of Essex, Department of Government.
London School of Economics, Department of Government.
Tilburg University, Netherlands, Social Choice Colloquium.
- 2009 California Institute of Technology, Division of the Humanities and Social Sciences.
University of Chicago, Harris School of Public Policy.
University of Illinois at Urbana-Champaign, Department of Political Science.
New York University, Department of Politics.
University of Wisconsin–Madison, Department of Political Science.
- 2008 University of Texas at Austin, Department of Political Science.
Washington University in St. Louis, Department of Political Science.
University of Iowa, Department of Political Science.
- 2007 Washington University in St. Louis, Department of Political Science.
University of Pennsylvania, Department of Economics.
Ohio State University, Department of Political Science.
New York University, School of Law.
Princeton University, Department of Politics.
- 2006 Columbia University, Department of Political Science.
Cornell University, Department of Economics.
MIT / Harvard Seminar on Positive Political Economy.
University of California at Berkeley, Institute of Governmental Studies.
- 2005 California Institute of Technology, Ulric B. and Evelyn L. Bray Seminar Series.
Northwestern University, Kellogg School of Management.
- 2004 Harvard University, Department of Government.

SMALL CONFERENCES AND WORKSHOPS

- Co-organizer with Ethan Bueno de Mesquita, Massimo Morelli, & John Patty, Political Economy Workshop, IIBEO, Alghero, Italy, July 2018.
- Invited participant, “Behavioral Models of Politics Conference,” organized by Rick Wilson, Rice University, May 2018.
- Invited participant, “Creating a Framework for a New Moral Political Economy,” organized by John Ahlquist and Margaret Levy, Center for Advanced Study in the Behavioral Sciences, May 2018.
- Invited speaker, “Assessing Democratic Institutions,” organized by Michael Becher, Michel Le Breton, Philippe De Donder, and Karine Van Der Straeten, Toulouse School of Economics & Institute for Advanced Study, March 2017.
- Co-organizer with Enriqueta Aragonés, Ethan Bueno de Mesquita, Andrea Mattozzi, Tom Palfrey, and John Patty, Priorat Workshop in Theoretical Political Science, Falset, Spain, July 2016.
- Invited speaker, “7th Annual LSE-NYU Conference on Political Science and Political Economy,” organized by Stephane Wolton, London School of Economics, May 2016.

- Invited speaker, “Behavioral Models of Politics Conference,” organized by David Siegel and Jonathan Woon, University of Pittsburgh, May 2016.
- Invited speaker, “Cowles-CSAP Conference on Political Economy,” organized by Larry Samuelson, Alan Gerber, Gregory Huber and Ebonya Washington, Yale University, December 2015.
- Invited speaker, “Second Washington Political Economy Conference (PECO),” organized by Laurent Bouton, Alan Drazen, Roger Lagunoff, Fabiana Machado, & Carlo Prato, Georgetown University & IDB, May 2015.
- Invited discussant, “Research Group on Political Institutions and Economic Policy,” organized by Helen Milner and Thomas Romer, Princeton University, May 2015.
- Invited speaker, “Research Group on Political Institutions and Economic Policy,” organized by Jeffrey Frieden and Kenneth Shepsle, Harvard University, December 2013.
- Invited speaker, “Behavioral Models of Politics Conference,” organized by David Siegel and Jonathan Woon, University of Pittsburgh, October 2013.
- Invited speaker, “Workshop on Positive Theory in Comparative Politics,” organized by Torun Dewan, London School of Economics, September 2013.
- Co-organizer with John Patty, “Workshop on Positive Theory in Comparative Politics,” Washington University in St. Louis, October 2014.
- Co-organizer with Arthur Lupia, “Empirical Implications of Theoretical Models Alumni Conference,” Chicago, April 2013.
- Invited speaker, “2nd International Conference on Political Economy and Institutions,” organized by Gonzalo Caballero and Norman Schofield, Parador de Baiona, Spain, May 2012.
- Invited speaker, “Contemporary Applications of the Spatial Model,” organized by Dan Kselman and Jim Adams, Juan March Institute, Madrid, Spain, April 2012.
- Invited speaker, “Information, Dynamics, and Political Decision Making,” organized by Salvador Barberà, Jon Eguia and Matthew Jackson, Universitat Autònoma de Barcelona, Spain, December 2010.
- Invited participant, Wallis Institute Conference on Political Economy, 2002—2005, 2007—2012, 2016.
- Invited speaker, “Constitutional Political Economy,” organized by Norman Schofield, International Centre for Economic Research, Turin, Italy, June 2007.
- Invited discussant, Wallis Institute Conference on Political Economy, 2005.
- Invited speaker, “Spatial Voting: Choice over Multidimensional Issues,” organized by Bernard Grofman and Donald Saari, University of California at Irvine, December 2005.
- Invited participant, “Workshop on New Methods for Studying Social Behavior in Political Science,” organized by Rick Wilson, Rice University, October 2005.
- Co-organizer with Norman Schofield and César Martinelli, “Washington University–Carnegie Mellon–ITAM Joint Seminar on Political Economy,” Cancún, Mexico, March 2005.
- Invited speaker, “Mini-Conference on Formal Modeling,” organized by Norman Schofield, Washington University in St. Louis, January 2004.

EDUCATIONAL WORKSHOPS

- Instructor, Social Choice Theory, ICPSR Summer Program in Quantitative Methods of Social Research, Ann Arbor, Michigan, July 2018.

- Lead faculty, Empirical Implications of Theoretical Models graduate workshop, University of Michigan, July 2018.
- Lead faculty, Empirical Implications of Theoretical Models graduate workshop, University of California at Berkeley, July 2017.
- Lead faculty, Empirical Implications of Theoretical Models graduate workshop, Duke University, July 2014, 2016.
- Lead faculty, Empirical Implications of Theoretical Models graduate workshop, University of Michigan, July 2015.
- Co-instructor with Jeff Gill, “The Theory and Empirics of Representation,” Empirical Implications of Theoretical Models graduate workshop at Washington University in St. Louis, July 2011.
- Guest lecturer, Empirical Implications of Theoretical Models graduate workshop at University of California at Berkeley, Summer 2010.
- Guest lecturer, Empirical Implications of Theoretical Models graduate workshop at Washington University in St. Louis, Summer 2004.
- Student participant, Empirical Implications of Theoretical Models graduate workshop at Harvard University, 2002.
- Student participant, Santa Fe Institute graduate workshop in computational economics, 2001.

ASSOCIATION MEETING PRESENTATIONS

- Midwest Political Science Association annual meeting, 2002—2018.
- European Political Science Association annual meeting, 2014, 2017.
- Southern Political Science Association annual meeting, 2005, 2006, 2009—2012, 2015—2017.
- American Political Science Association annual meeting, 2002—2004, 2006—2010, 2016, 2018.
- Public Choice Society annual meeting, 2002, 2004, 2009.

PROFESSIONAL SERVICE

- Managing Editor, *Social Choice and Welfare*, August 2015— .
- Co-editor, Political Economy of Institutions and Decisions series, Cambridge University Press, August 2017— .
- Associate Editor, *Review of Economic Design*, 2015— .
- Editorial Board Member, *American Political Science Review*, 2016— .
- Editorial Board Member, *Journal of Politics*, 2007— .
- Editorial Board Member, *Journal of Theoretical Politics*, 2009— .
- Editorial Board Member, *Political Science Research and Methods*, 2012— .
- Editorial Board Member, *Public Choice*, 2016— .
- Editorial Board Member, *American Journal of Political Science*, 2010—2013, 2016—2019.
- Editorial Board Member, *Political Research Quarterly*, 2016—2018.
- Associate Editor, *Social Choice and Welfare*, January—August 2015.
- Executive Council, Political Economy Section, American Political Science Association, 2018—2020.
- Council Member for the Society for Social Choice and Welfare, 2018—2023.
- Journal Advisory Committee, American Political Science Association Experimental Research Section, 2019—2021.

- National Science Foundation, Political Science Senior Advisory Panel, four panels served.
- Executive Committee, Midwest Political Science Association, April 2014—April 2017.
- Formal Modeling Section Chair, Midwest Political Science Association Annual Meeting, 2012, 2017.
- Co-program Chair with Tasha Philpot, Midwest Political Science Association Annual Meeting, 2014.
- Pi Sigma Alpha Award Committee Member, Midwest Political Science Association, 2018.
- Committee Chair, Fiona McGillivray Award for Best Paper in Political Economy, American Political Science Association, 2013.
- Elinor Ostrom Prize Committee Member, *Journal of Theoretical Politics*, 2012.
- Positive Political Theory Section Chair, Southern Political Science Association Annual Meeting, 2010.
- Manuscript referee for the *American Economic Review*, *American Journal of Political Science*, *American Political Science Review*, *Econometrica*, *Economic Journal*, *Economics Letters*, *Electoral Studies*, *European Economic Review*, *Games and Economic Behavior*, *Game Theory*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Law Economics and Organization*, *Journal of Legislative Studies*, *Journal of Peace Research*, *Journal of Politics*, *Journal of Public Economics*, *Journal of Theoretical Politics*, *Legislative Studies Quarterly*, *Mathematical and Computer Modelling*, *National Science Foundation*, *Political Analysis*, *Political Behavior*, *Political Psychology*, *Political Science Research and Methods*, *Public Choice*, *Quarterly Journal of Political Science*, and *Social Choice and Welfare*.

DEPARTMENT AND UNIVERSITY SERVICE

- University-wide Student Disciplinary Committee, University of Chicago, 2017—2018.
- Board of Campus and Student Life, University of Chicago, 2017—2018.
- Social Science Research Center Faculty Advisory Committee, University of Chicago, 2017—2018.
- Committee on Quantitative Methods in Social, Behavioral, and Health Sciences, University of Chicago, 2017—2018.
- Co-chair, Center for International Studies Transition Committee, University of Chicago Division of Social Sciences, 2015—2016.
- Graduate Admissions Committee, Department of Political Science, University of Chicago, 2016, 2017.
- Arts & Sciences Curriculum Committee, Washington University in St. Louis, 2014—2015.
- Inaugural Search Committee, Department of Sociology, Washington University in St. Louis, 2014—2015.
- Advisory Committee on Programs, Washington University in St. Louis, May 2013—January 2014.
- Academic Freedom and Tenure Hearing Committee, Washington University in St. Louis, 2012—2014.
- Director of Undergraduate Studies, Department of Political Science, Washington University in St. Louis, 2010—2012.
- Library Dean Search Committee, Washington University in St. Louis, 2011—2012.
- Faculty speaker, “Classes Without Quizzes” Program, Washington University Alumni Associations of San Francisco and Los Angeles, October 2010.
- Writing Center Director Search Committee, Washington University in St. Louis, Fall 2010.
- Director, Undergraduate Scholars Program, Institute for Quantitative Social Science, 2005—2009.
- Assistant Director of Undergraduate Studies, Department of Government, Harvard University, 2006—2008.

RECENT COURSES

- Social Choice Theory (graduate).
- The Mathematical Foundations of Political Methodology (graduate “math camp”).
- Social Choice and Electoral Systems (undergraduate).
- Self, Culture, and Society II (University of Chicago core).
- Social Science Inquiry I & II (University of Chicago core).
- Computational Modeling in the Social Sciences (undergraduate and graduate).
- Fair Division in Theory and Practice (undergraduate, joint with Computer Science).

STUDENT ADVISING

- Ian Turner, Washington University. Ph.D. 2015 in Political Science. Dissertation committee member.
Assistant professor, Department of Political Science, Yale University.
- Gordon Arsenoff, Washington University. Ph.D. 2015 in Political Science. Dissertation committee member.
Bobst Center senior research specialist, Department of Politics, Princeton University.
- Keith Schnakenberg, Washington University. Ph.D. 2014 in Political Science. Dissertation committee chair.
Assistant professor, Department of Political Science, Washington University in St. Louis.
- Youzong Xu, Washington University. Ph.D. 2014 in Economics. Dissertation committee member.
Assistant professor, Jinhe Center for Economic Research, Xi'an Jiaotong University, China.
- Jee Seon Jeon, Washington University. Ph.D. 2013 in Political Science. Dissertation committee co-chair.
- Yuki Takagi, Harvard. Ph.D. 2013 in Government. Dissertation committee member.
Postdoctoral fellow, Asia-Pacific Research Center, Stanford University.
- Ugur Ozdemir, Washington University. Ph.D. 2012 in Political Science. Dissertation committee member.
Lecturer, Department of Politics and International Relations, University of Edinburgh.
- John Gasper, Carnegie Mellon. Ph.D. 2008 in Political Economy. Dissertation committee member.
Associate teaching professor of Economics, Carnegie Mellon University Qatar.
- Scott Moser, Carnegie Mellon. Ph.D. 2007 in Political Economy. Dissertation committee member.
Assistant professor, School of Politics and International Relations, University of Nottingham.
- Michael Peress, Carnegie Mellon. Ph.D. 2006 in Economics. Dissertation committee member.
Associate professor, Department of Political Science, Stony Brook University.

PERSONAL INFORMATION

Born 1977 in Los Angeles, California. Married to John Wiggs Patty in 2004.
Mother of Hazel Miriam Patty, born 2007.