Mary K. Olson

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Research Interests:	Health Economics, political economics, regulation and public policy, and innovation.

Education:

1991	Ph.D., Stanford University, Graduate School of Business, Field: Political Economics, Subfield: Industrial Organization/Regulation
1985	B.A. with Honors, Northwestern University, double major in Mathematical Methods in the Social Sciences (MMSS) and in Economics.

Experience:

2005-	Associate Professor of Economics and Political Economy, Tulane University.
2016-17	Acting Chair, Department of Economics, Tulane University.
2010-	Director, Health Policy Program, Center for Public Policy Research, Murphy Institute, Tulane University.
2009-2012	Director of Graduate Studies, Department of Economics, Tulane University.
2009-2010	Chair, Department of Economics, Tulane University.
2001-2005	Associate Professor of Health Policy and Administration, Yale University.
2000-2001	Associate Director of Health Policy and Administration, Yale University.
1999-2002	Co-Director, Regulatory Affairs Program, Yale University.
1998-2002	Faculty Affiliate, Robert Wood Johnson Health Policy Scholars Program, Yale University.
1998-2001	Assistant Professor of Health Policy and Administration, Yale University.
1991-1998	Assistant Professor of Economics, Washington University.
1990-1998	Fellow in the Center for Political Economy, Washington University.

1990-1991 Instructor of Economics, Washington University.

OTHER EXPERIENCE:

Member of the Institute of Medicine Committee on the Assessment of the U.S. Drug Safety System, 2005-2006.

Member of the Center for Education and Research in Therapeutics (CERTs) Special Emphasis Panel, Agency for Healthcare Research and Quality, 2007.

Mentor for junior health economists, CeMENT National Mentoring Workshop sponsored by the Center for the Study of Women in the Economics Profession (CSWEP)at the ASSA Meetings, New Orleans, LA, January 6-8, 2008.

ACADEMIC AWARDS:

Mortar Board Excellence in Teaching Award (Tenured), 2008.
Agency for Healthcare Research and Quality Grant, 2004-2006.
Smith Richardson Foundation Domestic Public Policy Grant, 2001.
National Science Foundation Grant, 1999-2000.
National Science Foundation Grant, 1997-1998.
Faculty Research Grant, Washington University, 1996.
Faculty Research Grant, Washington University, 1995.

CURRENT RESEARCH

Olson, Mary K. and Nina Yin. "New Clinical Information and Physician Prescribing: How Do Pediatric Labeling Changes Affect Prescribing to Children?" working paper, December 2016, (in preparation, not yet submitted).

Lin, Jianjing and Mary K. Olson. "The Impact of Electronic Medical Records on Hospital Performance: Does Vendor Heterogeneity and Product Novelty Matter?" working paper, December 2016, (in preparation, not yet submitted).

Olson, Mary K. "The Impact of Regulatory Policy on Firm Incentives: Reducing Delays in Drug Development." working paper, May 2014.

Olson, Mary K. "Examining the Determinants of Declining U.S. Launch Lags"

PUBLISHED RESEARCH:

Olson, Mary K. and Nina Yin. "Examining Firm Responses to R&D Policy: An Analysis of Pediatric Exclusivity." forthcoming in the *American Journal of Health Economics*.

Olson, Mary K. "Regulation of Safety, Efficacy, and Quality." In: Anthony J. Culyer (ed.), *Encyclopedia of Health Economics*, Vol. 3, San Diego: Elsevier; 2014, pp. 420-428.

Olson, Mary K. "The Food and Drug Administration." In: Thomas Oliver (ed.), *The Guide to U.S. Health and Health Care Policy*, Sage and CQ Press; 2014, pp. 65-77.

Olson, Mary K. "Eliminating the U.S. Drug Lag: Implications for Drug Safety," *Journal of Risk and Uncertainty*, 47(1), August 2013, pp 1-30.

Olson, Mary K. "PDUFA and Initial U.S. Drug Launches," *Michigan Telecommunications and Technology Law Review*, 15(2), Spring 2009, pp 393-416.

Olson, Mary K. "The Risk We Bear: The Effects of Review Speed and User Fee Funding on New-Drug Safety," *Journal of Health Economics*, 27(2), March 2008, pp 175-200.

Olson, Mary K. "Are Novel Drugs More Risky for Patients than Less Novel Drugs?" *Journal of Health Economics*, 23(6), November 2004, pp 1135-1158.

Olson, Mary K. "Managing Delegation in the FDA: Reducing Delay in New-Drug Review," *Journal of Health Politics, Policy, and Law*, 29(3), June 2004, pp. 397-430.

Olson, Mary K. "Examining the Determinants of Drug Review Times: Considering Alternative Approaches," *Journal of Health Politics, Policy, and Law*, 29(3), June 2004, pp. 443-450.

Olson, Mary K. "Perspective: Explaining Reductions in FDA Drug Reviews: PDUFA Matters," *Health Affairs*, Web Exclusive, (2004) published ahead of print January 30, 2004, doi:10.1377/hlthaff.w4.s1.

Olson, Mary K. "Pharmaceutical Policy Change and the Safety of New Drugs," *Journal of Law and Economics*, 45(2)(Part 2), October 2002, pp. 615-642.

Olson, Mary K. "How Have User Fees Affected the FDA?" *Regulation*, 25(1), Spring 2002, pp. 20-25.

Schulman, Sara, Olson, Mary, Makuch, Robert. "What Factors Shape and Limit the Role of CDER's Advisory Committees?" (with Sara Schulman and Robert Makuch), *Drug Information Journal*, 36(2), 2002, pp. 281-289.

Olson, Mary K. "Regulatory Reform and Bureaucratic Responsiveness to Firms: The Impact of User Fees in the FDA," *Journal of Economics and Management Strategy*, 9(3), Fall 2000, pp. 363-395.

Olson, Mary K. "Agency Rulemaking, Political Influences, Regulation, and Industry Compliance," *Journal of Law, Economics & Organization*, 15(3), October 1999, pp. 573-601.

Olson, Mary K. "Pharmaceutical Regulation," in *The New Palgrave Dictionary of Economics and the Law*, edited by Peter Newman, (MacMillan Press, 1998).

Olson, Mary K. "Firm Characteristics and the Speed of FDA Approval," *Journal of Economics and Management Strategy*, 6(2), Summer 1997, pp. 377-401.

Olson, Mary. "Substitution in Regulatory Agencies: FDA Enforcement Alternatives," *Journal of Law, Economics & Organization*, 12(2), October 1996, pp. 376-407.

Olson, Mary K. "Explaining Regulatory Behavior in the FDA: Political Control vs. Agency Discretion," in *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, Vol. 7*, edited by Gary Libecap, (JAI Press, 1996) pp. 71-108.

Olson, Mary K. "Regulatory Agency Discretion among Competing Industries: Inside the FDA," *Journal of Law, Economics & Organization*, 11(2), October 1995, pp. 379-405.

Olson, Mary K. "The Effects of UK Pharmaceutical Policy on Government Drug Expenditure: Cost Control and Incentives for R&D," *International Journal of the Economics of Business*, 2(1), 1995, pp. 51-64.

Olson, Mary K. "Political Influence and Regulatory Policy: The 1984 Drug Legislation," *Economic Inquiry*, 32(3), July 1994, pp. 363-382.

National Academy Reports:

Institute of Medicine, *The Future of Drug Safety: Promoting and Protecting the Health of the Public* (committee member) (Washington, DC: National Academy Press, 2007).

Book Reviews:

Olson, Mary K. "Politics or Perception? What Motivates the FDA?" Review of *Reputation and Power: Organizational Image and Pharmaceutical Regulation at the FDA* by Daniel Carpenter, *Health Affairs*, 30(4), 2011, pp. 795-796.

Olson, Mary K. Review of *Managed Care and Monopoly Power: The Antitrust Challenge*, by Deborah Haas-Wilson, *Journal of Health Politics, Policy, and Law*, 30(3), June 2005, pp. 529-534.

Conference Participation:

American Association of Health Economists (ASHEcon) 6th Biennial Conference. Philadelphia, PA, June 12-15, 2016. Presented "Examining Firm Responses to Innovation Policy: An Analysis of Pediatric Exclusivity."

Behavior and Innovation in Health Markets, a health policy conference at Tulane University, February, 19, 2016. Served as conference organizer. Presented "Examining Firm Responses to Innovation Policy: An Analysis of Pediatric Exclusivity."

Behavior and Innovation in Health Markets, a health policy conference at Tulane University, April 4, 2014. Served as conference organizer. Presented "The Impact of Regulatory Policy on Firm Incentives: Reducing Delays in Drug Development."

Southern Economic Association Meetings, New Orleans, LA, November 16-18, 2012. Presented "Eliminating the U.S. Drug Lag: Implications for Drug Safety."

Improving State Health Outcomes: What is Most Effective, a health policy conference at Tulane University, April 16, 2012. I organized and participated in this conference.

Legal and Regulatory Issues in Pharmaceutical Research and Development, a conference at Harvard University Law School, June 12-13, 2009. Presented "First Drug Launches in the U.S. and Drug Safety."

The Law and Economics of Drug Development Symposium, University of Michigan Law School, November 7, 2008. Presented "PDUFA and Initial US Drug Launches."

Southern Economic Association Meetings, New Orleans, LA, November 19-21, 2007. Organized and chaired a session, Topics in Pharmaceutical Economics. Presented "The Risk We Bear: The Effects of Review Speed and Industry User Fees on New Drug Safety."

Association for Public Policy Analysis and Management, Washington D.C. November 4, 2005. Presented "The Risk We Bear: Effects of Review Speed and User Fee Funding on New-drug Safety."

International Health Economics Association 2003 4th World Conference. San Francisco, CA, June 15-18, 2003. Organized a session on Health Benefits, Adverse Effects, and the International Diffusion of Prescription Drugs. Presented "Are Novel Drugs More Risky Than Less Novel Drugs?"

Association for Public Policy Analysis and Management, Dallas, TX, November 7-9, 2002. Presented "Managing Delegation With User Fees: Reducing Delay in New-Drug Review."

The Regulation of Medical Innovation and Pharmaceutical Markets, a conference at the University of Chicago Law School, April 20-21, 2001. Presented "Pharmaceutical Policy Change and the Safety of New Drugs."

American Economic Association Annual Meetings, New Orleans, LA, January 4-7 2001. Discussant "Who Gets Approved Quickly?: Generic Drugs at the FDA."

American Law and Economics Association Meetings, New York, NY, May 6-7, 2000. Presented "Economic Incentives in Bureaucracies: Managing Delegation with User Fees."

Midwest Political Science Association Meetings, Chicago, IL, April 27-30, 2000. Presented "Economic Incentives in Bureaucracies: Managing Delegation with User Fees."

Public Choice Meetings, New Orleans, LA, March 13-15, 1998. Organized and chaired two sessions on the study of bureaucracy. Presented "Regulatory Reform and Bureaucratic Responsiveness to Firms: The Impact of User Fees in the FDA."

Midwest Political Science Association Meetings, Chicago, IL, April 18-20, 1996. Presented "Agency Rulemaking, Political Influences and Industry Compliance."

Public Choice Meetings, Houston, TX, April 12-14, 1996. Presented"Firm Characteristics and the Speed of FDA Approval."

National Bureau of Economic Research, Participant, Summer Institute in Industrial Organization, Boston, MA, August 3-4, 1995.

Karl Eller Center Business/Academic Dialogue, *Reinventing Government and the Problem of Bureaucracy: Implications for Regulation and Reform*, Tucson, AZ, May 5-6, 1995. Presented "Examining Regulatory Behavior in the FDA: Political Control vs. Agency Discretion."

Ad Hoc Meeting on the Pharmaceutical Industry, at Merck & Co., Inc., Whitehouse Station, NJ, April 26, 1995. Presented "Agency Discretion and FDA Decision-Making."

National Bureau of Economic Research, Participant, Winter Meetings, Stanford, CA February 24-25, 1995.

American Economic Association Annual Meetings, Washington, D.C., January 6-8 1995. Presented "The Economic and Political Pressures Affecting FDA Enforcement Behavior."

National Bureau of Economic Research, Summer Institute in Industrial Organization, Boston, MA, August 1-2, 1994. Presented "Substitution in Regulatory Agencies: FDA Enforcement Alternatives."

Midwest Political Science Association Meetings, Chicago, IL, April 14-16, 1994. Presented "Substitution in Regulatory Agencies."

Public Choice Meetings, Austin, TX, April 8-10, 1994. Presented "Substitution in Regulatory Agencies."

Public Choice Meetings, New Orleans, LA, March 20-22, 1993. Presented "Regulatory Agency Discretion Among Competing Industries."

American Economic Association Annual Meeting, Anaheim, CA, January 5-7, 1993. Discussant for a session on Empirical Studies of Innovation.

Public Choice Meetings, New Orleans, LA, March 20-22, 1992. Presented "Political Influence and U.S. Regulatory Policy."

University Service:

Steering Committee and Research Committee member, Tulane Partnership with Blue Cross Blue Shield Louisiana, 2016-

Acting Chair, Department of Economics, 2016-2017

Search Committee member, Assistant/Associate Professor of Public Health, 2016-2017

Economics Department PhD Admissions Committee member, Spring 2015

Economics Department Post-Doctoral Fellow Admissions Committee member, Spring 2015

Review Committee, Steve Sheffrin, Director of the Murphy Institute, 2014-2015

University Senate Budget Review Committee co-opted member, 2013-

Director, Health Policy Program, Murphy Institute, Tulane University, 2010-

Director, Graduate Studies, Department of Economics, 2009-2012
(secured approval and funding for a new Ph.D. program in Economic Analysis and Policy, admitted first applicant class)

Chair, Search Committee for the Chairman of the Economics Department, 2009-2010 (hired Professor James Alm)

Chairman, Department of Economics, 2009-2010

Review Committee, Dean of the Freeman School of Business, 2009-2010

Promotion and Tenure Committee, School of Liberal Arts, elected term 2008-2011 (on leave 2009-2010)

Search Committee, Director of the Murphy Institute, 2008-2009
(hired Professor Steven Sheffrin)

Search Committee, Stone Chair in Latin American Economics, 2008-2009
(hired Professor Nora Lustig)

Honors Program Advisory Committee, Tulane University, Spring 2008-

Director of Undergraduate Studies, Department of Economics, 2007-2008

Search Committee, Department of Economics, 2007-2008

Faculty Committee, Center for Ethics and Public Affairs, Fall 2006-

Search Committee, Department of Economics, 2006-2007

COURSES TAUGHT:

Tulane University
Economics and Health Care Reform (new course ECON 3980)
Health Economics (new course ECON 4500/6500)
Regulation (new course ECON 4300/6300)
Introduction to Political Economy (PECN 3010)
Majors Seminar in Political Economy (PECN 6000)

Yale University
Regulation and Public Health Policy (graduate, MPH)
Policy Dilemmas (graduate, MPH)
Introduction to Pharmacoepidemiology (graduate, MPH)
Capstone Course in Health Policy (graduate, MPH)

Washington University
Introduction to Microeconomics (undergraduate)
Political Economy of Regulation (undergraduate)
Industrial Organization II (graduate)

STUDENT SUPERVISION:

Tulane University
BA/BS Honors Thesis Committees (17 in 2006-2016, director for 12)
Independent Studies (5 in 2006-2016)

Yale University
MPH Thesis Committees (30 in Health Policy, first reader for 16)
PhD Dissertation Committees (1 in Health Policy)

Washington University
PhD Dissertation Committees (4 in Economics)

REVIEWER FOR: Alfred Sloan Foundation; *Health Affairs*; *Health Economics*; *International Journal of Pharmaceutical Medicine*; *Journal of Clinical Pharmacy and Therapeutics*; *Journal of Economics and Management Strategy*; *Journal of Health Economics*; *Journal of Health Politics, Policy, and Law*; *Journal of Law, Economics, & Organization*; National Science Foundation; *Nature Reviews: Drug Discovery*; *New England Journal of Medicine*; *PLOS One*; *Rand Journal of Economics*.

PROFESSIONAL ASSOCIATIONS: American Economic Association, International Health Economics Association, American Society of Health Economists.

GRANTS: Principal Investigator, Title: Consumer Responsiveness to Price Incentives and Drug Benefit Design, Blue Cross and Blue Shield of LA and Tulane University Partnership for Healthcare Innovation, April 1, 2017 to December 31,2017.

Co-investigator, Title: An Assessment of Health Care Access of New Orleans's Latino Population, with Claudia Campbell (Principal Investigator), Tulane Research Enhancement Fund, June 2007 to May 2008.

. Principal Investigator, Agency for Healthcare Research and Quality, R03 HS013932-01, Title: Pharmaceutical Regulation and New Drug Safety, May 2004 to June 2005 (Yale), July 2006 to April 2007 (Tulane).

Principal Investigator, Smith Richardson Foundation Domestic Public Policy Fellowship Grant, Title: Have Policies Encouraging Faster New Drug Review Increased Patient Risks? January 1, 2001 to December 31, 2001.

Principal Investigator, National Science Foundation Grant SES 9972669, Title: Regulatory Reform and Consumer Safety: Examining the Impact of User Fees on New Drug Safety, August 1, 1999 to July 30, 2000.

Principal Investigator, National Science Foundation Grant SBR-9710184, Title: Regulatory Reform and Bureaucratic Responsiveness to Firms: The Impact of User Fees in the FDA, July 1, 1997 to June 30, 1998.

Principal Investigator, Washington University, Faculty Research Grant, Title: An Analysis of the Factors Influencing Compliance Trends in FDA-Regulated Industries, Summer 1996.

Principal Investigator, Washington University, Faculty Research Grant, Title: Firm Characteristics and the Speed of FDA Approval, Summer 1995.