

CURRICULUM VITAE

NANCY LIN ROSE

Department Head and Charles P. Kindleberger Professor of Applied Economics

MIT Department of Economics

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Education

Ph.D. (Economics), MIT, 1985

A.B. (Economics and Government, magna cum laude), Harvard University, 1980

Employment

2017-	Head, MIT Department of Economics
2014 -2016	Deputy Assistant Attorney General for Economic Analysis, Antitrust Division, U.S. Department of Justice
2013 -2014	Associate Head, MIT Department of Economics
2010 -	Charles P. Kindleberger Professor of Applied Economics, MIT Department of Economics
1997-2010	Professor of Economics, MIT Department of Economics
1995-97	Professor of Management and Economics, MIT Sloan School of Management and Department of Economics
1994-95	Associate Professor of Management and Economics, MIT Sloan School of Management and Department of Economics
1990 - 2014	Director, National Bureau of Economic Research Program on Industrial Organization
1989-94	Associate Professor of Applied Economics, MIT Sloan School of Management
1985-89	Assistant Professor of Applied Economics, MIT Sloan School of Management
1980-81	Staff Economist. Leva, Hawes, Symington et al. (attorneys), Washington, D.C.

Board Service

2009 - 2014	Whitehead Institute for Biomedical Research, Director and Chair, Finance Committee (2012-2014)
2004 - 2014	Charles River Associates, Inc., Independent Director
2003 - 2013	Sentinel Investments, Sentinel Group Mutual Funds Independent Director, and Chair, Governance Committee (2012-2013)
1994 - 2000	MIT Medical Management Board

Honors, Fellowships, and Grants

2019	Wellington-Burnham Lecturer, Tufts University
2018	Distinguished Fellow, Industrial Organization Society
2018	Member, American Academy of Arts and Sciences

2017 Bernie Saffran Lecturer, Swarthmore College
2016 Bernard I. Fain Lecturer, Brown University
2013 American Economic Association Vice-President
2012- MacVicar Faculty Fellow, MIT-wide Award for Undergraduate Teaching
2011 MIT Undergraduate Economics Association Teaching Award
2008 MIT Graduate Economics "Meta Advisor" Award
2004-2005 John Simon Guggenheim Foundation Fellowship
2004 MIT Undergraduate Economics Association Teaching Award
2004 Visiting Scholar, Hoover Institution
2000-01 George & Karen McCown Distinguished Visiting Fellow, Hoover Institution
2000 MIT Undergraduate Economics Association Teaching Award
1993-94 Fellow, Center for Advanced Study in the Behavioral Sciences
1991-96 National Science Foundation Faculty Award for Women Scientists, SES-90-24147
1991-93 Alfred P. Sloan Faculty Fellowship
1990- National Bureau of Economic Research, Research Associate
1988-90 National Science Foundation Grant, "Economic Determinants of Airline Safety," SES-87-21457
1988 Visiting Scholar, Center for the Study of the Economy and the State, University of Chicago
1987-90 National Bureau of Economic Research, Faculty Research Fellow
1987-88 John M. Olin Faculty Fellowship
1984 Sloan Foundation Graduate Research Fellowship
1981-85 National Science Foundation Graduate Fellowship
1980 Phi Beta Kappa

Editorial Activities

1995-97 Board of Editors, American Economic Review
1993-97 Editorial Board, Journal of Industrial Economics
1993-2003 Associate Editor, Review of Economics and Statistics
1990-92 Associate Editor, Journal of Industrial Economics
1989-92 Associate Editor, Journal of Financial Intermediation
1989 -- Co-Editor, MIT Press Series on the Regulation of Economic Activity

Professional Service

2019- Advisory Council, The Hamilton Project
2018 - Advisory Board, American Antitrust Institute
2018 Selection Committee for Distinguished Fellow, Industrial Organization Society
2017 - Advisory Council Member, Brookings Institution Center on Regulation and Markets
2013-2014 Chair, AEA Ad Hoc Committee on Job Market Systems Design

2013-2014	Committee Member, National Academy of Sciences/Transportation Research Board Study of Freight Rail Transportation and Regulation
2012 - 2013	Vice President, AEA
2011 - 2014	Committee on Economic Education, AEA
2009 - 2011	Project Team Member, MIT Study on <i>The Future of the Electric Grid</i>
2005 - 2008	Board Member, AEA Committee on the Status of Women in the Economics Profession (CSWEP)
2004, 2009	Quinquennial Review Committee, Wharton School Business and Public Policy Department
2002 - 2003	Program Committee, 2003 International Industrial Organization Conference
1999 – 2002	Executive Committee, AEA
1999 – 2002	Budget Committee, AEA
2014	AEA Nominations Committee
2014	Member, AEA Committee on Operations and Publications
2013	AEA Nominations Committee
2013	External Review Committee, Resources for the Future
2013	Board of Advisors, Yale Program on Financial Stability
2012	AEA CSWEP Elaine Bennett Award Committee, Chair
2012	Program Committee, AEA 2013 annual meeting
2011	Scientific Advisory Committee, Federal Trade Commission 4 th Annual Microeconomics Conference
2010	Program Committee, AEA 2011 Annual Meeting
2010	Chair, AEA CSWEP Elaine Bennett Award Committee
2003	Nominations Committee, AEA
2002	Nominating Committee, AEA
2001	Program Committee, Econometric Society North American Winter Meetings
1999	Program Committee, AEA annual meeting
1998	University of Pennsylvania Law School External Review Committee
1997	Nominations Committee, AEA
1996	Program Committee, American Economic Association (AEA) annual meeting
1989	Program Committee, Econometric Society North American Winter Meetings
1988-90	Assistant Director, National Bureau of Economic Research Project on Regulatory and Legal Institutions

Research and Teaching Interests

Industrial Organization, Economics of Regulation, Competition Policy, Energy Economics, Transportation Markets

Doctoral Dissertation Committees Year, Student (Department), Initial Placement

Present Omer Karaduman (Economics), in progress

2016 Gaston Illanes (Economics), Northwestern University Department of Economics
2015 Sarah Moshary (Economics), eBay Post-doctoral Fellowship, University of Pennsylvania
Department of Economics
2014 Brad Shapiro (Economics), Chicago Booth School of Business
2014 Maria Polyakova [Breiter] (Economics), Stanford Medical School
2011 Mar Reguant (Economics), Stanford Graduate School of Business
2011 Claire Cizaire (Aeronautics & Astronautical Engineering)
2009 Tom Y. Chang (Economics), University of Southern California, Marshall School
2006 Antara Dutta (Economics), Georgetown University, Walsh School of Foreign Service
2006 David Matsa (Economics), Northwestern University, Kellogg School of Management
2005 Lesley Chiou (Economics), Occidental College Department of Economics
2004 Thomas Gorin (Aeronautics and Astronautical Engineering), Continental Airlines
2003 Mara Berman [Lederman] (Economics), University of Toronto, Rotman School of Business
2003 Silke Januszewski [Forbes] (Economics), University of California, San Diego, Department
of Economics
2003 Terence Fan (Transportation Systems and Policy Analysis), Singapore University
2002 Astrid Dick (Economics), Federal Reserve Bank of New York
2002 Michael Noel (Economics), University of California, San Diego
2001 Mark Rainey (Economics), Lexecon
2001 Eric Zitzewitz (Economics), Stanford University, Graduate School of Business
1999 Alan Sorensen (Economics), University of California, San Diego, Department of Economics
1998 Daniel Rodriguez (Economics), Emory University, Graduate School of Business,
1997 Meghan Busse (Economics), Yale University, School of Organization and Management
1996 Catherine Wolfram (Economics), Harvard University, Department of Economics
1994 Fiona Scott Morton (Economics), Stanford University, Graduate School of Business
1993 Gerard McCullough (Civil Engineering), Putnam Hayes Bartlett
1991 Patrick Little (Civil Engineering)
1991 Mark McCabe (Sloan)
1990 Anne Gron (Economics), University of Chicago, Graduate School of Business
1988 Robert Rubinovitz (Economics)

Publications

“Five Principles for Vertical Merger Enforcement Policy,” *Antitrust*, 33(Summer 2019): 12-19 (with Jonathan B. Baker, Steven C. Salop, and Fiona Scott Morton)

“Mergers That Harm Sellers,” *Yale Law Journal*, 127 (May 2018): 2078-2109. (with C. Scott Hemphill) Concurrences (2019) and American Antitrust Institute (2019) writing awards.

“Economics at the Antitrust Division 2015-2016: Household Appliances, Oil Field Services, and Airport Slots.” *Review of Industrial Organization*. 49 (December 2016, 4): 535-556. (with R. Chugh, N. Goldstein, E. Lewis, J. Lien, & D. Minehart)

“Economics at the Antitrust Division 2014–2015: Comcast/Time Warner Cable and Applied

Materials/Tokyo Electron." Review of Industrial Organization. 47 (December 2015, 4): 425-435. (with N. Hill and T. Winston).

"Learning from the Past: Insights for the Regulation of Economic Activity." In N. L. Rose, ed., *Economic Regulation and Its Reform: What Have We Learned?* National Bureau of Economic Research and University of Chicago Press. 2014.

"How Airline Markets Work,... or Do They? Regulatory Reform in the Airline Industry." In N. L. Rose, ed., *Economic Regulation and Its Reform: What Have We Learned?* National Bureau of Economic Research and University of Chicago Press. 2014. (with S. Borenstein).

Economic Regulation and Its Reform: What Have We Learned? Editor. Chicago: NBER and University of Chicago Press. 2014.

"After Airline Deregulation and Alfred E. Kahn." American Economic Review Papers and Proceedings. 102 (May 2012): 376-380.

The Future of the Electric Grid. Cambridge, MA: MIT Energy Initiative. 2011. (Contributor to MIT interdisciplinary study chaired by J. G. Kassakian and R. L. Schmalensee)

"Air Transportation Deregulation: Comment." In Better Living Through Economics, edited by J. J. Siegfried. Cambridge: Harvard University Press. 2010. pp. 203-205.

"airline industry." In The New Palgrave Dictionary of Economics. Second Edition. edited by S. N. Durlauf and L. E. Blume. Palgrave MacMillan. 2008. (with S. Borenstein). Also at The New Palgrave Dictionary of Economics Online. Palgrave <http://www.dictionaryofeconomics.com/article?id=pde2008_A000226> doi 10.1057/9780230226203.0026 Macmillan.

"Do Markets Reduce Costs? Assessing the Impact of Regulatory Restructuring on U.S. Electric Generation Efficiency." American Economic Review. 97 (September 2007): 1250-1277. (with K. R. Fabrizio and C. D. Wolfram).

"The Impact of Bankruptcy on Airline Service Levels." American Economic Review Papers and Proceedings. 93 (May 2003): 415-419. (with S. Borenstein)

"Regulating Executive Pay Using the Tax Code to Influence Executive Compensation." Journal of Labor Economics. 20 (April 2002, part 2): S138-S175. (with C. Wolfram)

"Regulation, Political Economy of" In International Encyclopedia of the Social and Behavioral Sciences, edited by N. Smelser and P. Baltes. Oxford: Pergamon. 2001. 19: 12967-12970.

"Regulation, Empirical Analysis." In International Encyclopedia of the Social and Behavioral Sciences, edited by N. Smelser and P. Baltes. Oxford: Pergamon. 2001. 19: 12957-12963.

"Has the 'Million-Dollar Cap' Affected CEO Pay?" American Economic Review Papers and Proceedings. 90 (May 2000): 197-202. (with C. Wolfram)

- "Airline Deregulation." In The New Palgrave Dictionary of Economics and the Law, edited by P. Newman. London: Macmillan. 1998. (with S. Borenstein)
- "Diversification and Executive Compensation: Ability Premia or Managerial Entrenchment?" RAND Journal of Economics. 28 (Autumn 1997): 489-514. (with A. Shepard)
- "Political Constraints on Executive Compensation Evidence from the Electric Utility Industry." RAND Journal of Economics. 27 (Spring 1996): 165-182. (with P. L. Joskow and C. D. Wolfram). *Reprinted* in The Economics of Executive Compensation, Vol. 2, edited by K. F. Hallock and K. J. Murphy. Northampton, MA: Edward Elgar Publishing. 1999.
- "Bankruptcy and Pricing Behavior in U.S. Airline Markets." American Economic Review Papers and Proceedings. 85 (May 1995): 397-402. (with S. Borenstein)
- "Competition and Price Dispersion in the U.S. Airline Industry." Journal of Political Economy. 102 (August 1994): 653-683. (with S. Borenstein)
- "Regulatory Constraints on CEO Compensation." Brookings Papers on Economic Activity - Microeconomics. 1993, pp. 1-58. (with P.L. Joskow and A. Shepard)
- "Fear of Flying? Economic Analyses of Airline Safety." Journal of Economic Perspectives. 6 (Spring 1992): 75-94. Reprinted in Classics in Transport Analysis, vol. 2, edited by P. Forsyth, K. Button, and P. Nijkamp. Northampton, Mass.: Elgar Publishing. 2002.
- "The Diffusion of New Technologies: Evidence from the Electric Utility Industry." RAND Journal of Economics. 21 (Autumn 1990): 354-373. (with P. L. Joskow)
- "Profitability and Product Quality: Economic Determinants of Airline Safety Performance." Journal of Political Economy. 98 (October 1990): 944-964. Reprinted in The Economics of Transport, edited by H. Mohring. Aldershot, England: Edward Elgar Publishing. 1994. And in Transport Policy, edited by K. J. Button and R. Stough. Northampton, MA: Edward Elgar Publishing. 1998.
- "Financial Influences on Airline Safety." In Transportation Safety in an Age of Deregulation, edited by L. Moses and I. Savage. Oxford: Oxford University Press. 1989, pp. 93-114.
- "The Effects of Economic Regulation." In Handbook of Industrial Organization, edited by R. Schmalensee and R. Willig. Amsterdam: North-Holland. 1989. Volume 2, pp. 1449-1506. (with P. L. Joskow)
- "An Economic Assessment of Surface Freight Transportation Deregulation." In Economic Deregulation Promise and Performance. Proceedings of the 1987 Donald S. MacNaughton Symposium. Syracuse: Syracuse University. 1988, pp. 149-172.
- "Economic Analysis of Communications Satellite Policies." Comments in Proceedings of a Symposium on Space Communications Research and Development. Space Applications Board, National Research Council. Washington, D. C. : National Research Council. 1988, pp. 198-201.
- "Labor Rent-Sharing and Regulation: Evidence from the Trucking Industry." Journal of Political

Economy. 95 (December 1987): 1146-1178. Reprinted in Economic Regulation, edited by P. L. Joskow. Northampton, MA: Edward Elgar Publishing. 2000.

"The Government's Role in the Commercialization of New Technologies: Lessons for Space Policy." In Economics and Technology in U.S. Space Policy, edited by M. Macauley. Washington, D.C.: Resources for the Future. 1987, pp. 97-126.

"The Incidence of Regulatory Rents in the Motor Carrier Industry." Rand Journal of Economics. 16 (Autumn 1985): 299-318. Reprinted in Portfolio International Economic Perspectives, vol. 13 (4) and in Economic Regulation, edited by P. L. Joskow. Northampton, MA: Edward Elgar Publishing. 2000.

"Passing the President's Program: Public Opinion and Presidential Influence in Congress." American Journal of Political Science . 29 (May 1985): 183-196. (with D. Rivers)

"The Effects of Technological Change, Experience, and Environmental Regulation on the Construction Costs of Coal-Burning Generating Units." Rand Journal of Economics. 16 (Spring 1985): 1-27. (with P. L. Joskow)

Working Papers

"Concerns About Concentration," Aspen Institute Economic Strategy Group, July 2019.

"Thinking Through Anticompetitive Effects of Mergers on Workers," Continuing Legal Education Material for American Bar Association 2019 Antitrust Spring Meeting, February 2019

Other

"Principles and presumptions for U.S. vertical merger enforcement policy," Blog post on Washington Center for Equitable Growth Competitive Edge, May 7, 2019. (with J. B. Baker, S. C. Salop, and F. Scott Morton)
<https://equitablegrowth.org/competitive-edge-principles-and-presumptions-for-u-s-vertical-merger-enforcement-policy/>