

## **CURRICULUM VITAE**

### **NANCY LIN ROSE**

Department Head

Charles P. Kindleberger Professor of Applied Economics

MIT Department of Economics

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### **Education**

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

Ph.D. (Economics), MIT, 1985

### **Employment**

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

### **Board Service**

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

### **Honors, Fellowships, and Grants**

1980 Phi Beta Kappa  
1981-85 National Science Foundation Graduate Fellowship  
1984 Sloan Foundation Graduate Research Fellowship  
1987-88 John M. Olin Faculty Fellowship  
1987-90 National Bureau of Economic Research, Faculty Research Fellow

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

### **Editorial Activities**

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

### **Professional Activities**

1988-90 Assistant Director, National Bureau of Economic Research Project on Regulatory  
and Legal Institutions  
1989 Program Committee, Econometric Society North American Winter Meetings  
1990 - 2014 Director, National Bureau of Economic Research Program on Industrial  
Organization  
1996 Program Committee, American Economic Association (AEA) annual meeting  
1997 Nominations Committee, AEA  
1998 University of Pennsylvania Law School External Review Committee  
1999 Program Committee, AEA annual meeting  
1999 – 2002 Executive Committee, AEA  
1999 – 2002 Budget Committee, AEA  
2001 Program Committee, Econometric Society North American Winter Meetings  
2002 Nominating Committee, AEA  
2002 - 2003 Program Committee, 2003 International Industrial Organization Conference  
2003 Nominations Committee, AEA  
2004, 2009 Quinquennial Review Committee, Wharton School Business and Public Policy  
Department

2005 - 2008	Board Member, AEA Committee on the Status of Women in the Economics Profession (CSWEP)
2009 - 2011	Project Team Member, MIT Study on <i>The Future of the Electric Grid</i>
2010	Program Committee, AEA 2011 Annual Meeting
2010	Chair, AEA CSWEP Elaine Bennett Award Committee
2011	Scientific Advisory Committee, Federal Trade Commission 4 <sup>th</sup> Annual Microeconomics Conference
2011 - 2014	Committee on Economic Education, AEA
2012 - 2013	Vice President, AEA
2012	AEA CSWEP Elaine Bennett Award Committee, Chair
2012	Program Committee, AEA 2013 annual meeting
2013	AEA Nominations Committee
2013	External Review Committee, Resources for the Future
2013-2014	Chair, AEA Ad Hoc Committee on Job Market Systems Design
2013	Board of Advisors, Yale Program on Financial Stability
2013-2014	Committee Member, National Academy of Sciences/Transportation Research Board Study of Freight Rail Transportation and Regulation
2014	AEA Nominations Committee
2014	Member, AEA Committee on Operations and Publications

### **Research and Teaching Interests**

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

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

1988	Robert Rubinovitz (Economics)
1990	Anne Gron (Economics), University of Chicago, Graduate School of Business
1991	Patrick Little (Civil Engineering) Mark McCabe (Sloan)
1993	Gerard McCullough (Civil Engineering), Putnam Hayes Bartlett
1994	Fiona Scott Morton (Economics), Stanford University, Graduate School of Business
1996	Catherine Wolfram (Economics), Harvard University, Department of Economics
1997	Meghan Busse (Economics), Yale University, School of Organization and Management
1998	Daniel Rodriguez (Economics), Emory University, Graduate School of Business,
1999	Alan Sorensen (Economics), University of California, San Diego, Department of Economics
2001	Mark Rainey (Economics), Lexecon Eric Zitzewitz (Economics), Stanford University, Graduate School of Business
2002	Astrid Dick (Economics), Federal Reserve Bank of New York Michael Noel (Economics), University of California, San Diego
2003	Mara Berman [Lederman] (Economics), University of Toronto, Rotman School of Business Silke Januszewski [Forbes] (Economics), University of California, San Diego, Department of Economics Terence Fan (Transportation Systems and Policy Analysis), Singapore University

2004	Thomas Gorin (Aeronautics and Astronautical Engineering), Continental Airlines
2005	Lesley Chiou (Economics), Occidental College Department of Economics
2006	Antara Dutta (Economics), Georgetown University, Walsh School of Foreign Service David Matsa (Economics), Northwestern University, Kellogg School of Management
2009	Tom Y. Chang (Economics), University of Southern California, Marshall School
2011	Mar Reguant (Economics), Stanford Graduate School of Business Claire Cizaire (Aeronautics & Astronautical Engineering)
2014	Brad Shapiro (Economics), Chicago Booth School of Business Maria Polyakova [Breiter] (Economics), Stanford Medical School
2015	Sarah Moshary (Economics), eBay Post-doctoral Fellowship, University of Pennsylvania Department of Economics
2016	Gaston Illanes (Economics), Northwestern University Department of Economics

### **Publications**

"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)

"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 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.

"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.

"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.

"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.

"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.

"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)

"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.

"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.

"The Diffusion of New Technologies: Evidence from the Electric Utility Industry." RAND Journal of Economics. 21 (Autumn 1990): 354-373. (with P. L. Joskow)

"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.

"Regulatory Constraints on CEO Compensation." Brookings Papers on Economic Activity - Microeconomics. 1993, pp. 1-58. (with P.L. Joskow and A. Shepard)

"Competition and Price Dispersion in the U.S. Airline Industry." Journal of Political Economy. 102 (August 1994): 653-683. (with S. Borenstein)

"Bankruptcy and Pricing Behavior in U.S. Airline Markets." American Economic Review Papers and Proceedings. 85 (May 1995): 397-402. (with S. Borenstein)

"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.

"Diversification and Executive Compensation: Ability Premia or Managerial Entrenchment?" RAND Journal of Economics. 28 (Autumn 1997): 489-514. (with A. Shepard)

"Airline Deregulation." In The New Palgrave Dictionary of Economics and the Law, edited by P. Newman. London: Macmillan. 1998. (with S. Borenstein)

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

"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.

"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.

"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)

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

“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).

“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 Macmillan.

<[http://www.dictionaryofeconomics.com/article?id=pde2008\\_A000226](http://www.dictionaryofeconomics.com/article?id=pde2008_A000226)> doi  
10.1057/9780230226203.0026

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

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)

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

*Economic Regulation and Its Reform: What Have We Learned?* Editor. Chicago: NBER 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).

“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.

“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).

“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)