

## JAMES G. MULLIGAN

### Biographical Information

**Home Address:** 425 Crosslands Drive  
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**Education:** United States Military Academy, West Point, NY, B.S., 1970  
University of Southern California, M.S., 1975, Education  
University of Minnesota, Ph.D., 1980, Economics

**Honors:** College of Business and Economics, University of Delaware "Outstanding  
MBA Teacher" Award (1993)  
University of Minnesota Dissertation Grant (1979-80)  
University of Minnesota Award for Teaching Excellence (1977-78)

### Employment History :

1994 (Feb-Mar) Visiting Professor, Faculté de Sciences Economiques et Gestion, Université  
Lumière (Lyon 2), Lyon, France  
1993-present Professor, University of Delaware  
1992 (Jan-Feb) Visiting Professor, Faculté de Sciences Economiques et Gestion, Université  
Lumière (Lyon 2), Lyon, France  
1987 (Jan-Mar) Visiting Professor, Ecole Supérieure de Commerce de Lyon, Ecully, France  
1986-1993 Associate Professor of Economics, University of Delaware  
1980-1986 Assistant Professor of Economics, University of Delaware  
1976-1980 Teaching Associate: Economics, University of Minnesota  
1973-1975 Captain, US Army: Community Staff Officer for Nuremberg, West Germany  
Military Command  
1971-1973 First Lieutenant: Battalion Intelligence Officer and Fire Direction Officer, US  
Army, Europe  
1970-1971 Second Lieutenant: Student at US Army Airborne, Jumpmaster, Ranger and  
Field Artillery Officer Schools

## **Research:**

### **Publications (Refereed):**

"The Economies of Massed Reserves," *American Economic Review*, September 1983.

"A Classroom Production Function," *Economic Inquiry*, April 1984.

"A Cost Function for Computer-Assisted Programmed Instruction," *The Journal of Economic Education*, Fall 1984.

"A Stochastic Production Function for Machine Repair," *Applied Economics*, June 1985.

"An Econometric Assessment of Cost Savings from Coordination in U.S. Electric Power Generation: Comment," *Land Economics*, May 1985.

"The Cost-Reduction Potential of Electric Power Pools" (with M. Caputo), *Economic Letters*, No. 18, 1985.

"The Stochastic Determinants of Hospital-Bed Supply," *The Journal of Health Economics*, Vol. 4, 1985.

"The Merits of a Longer School Day" (with C. Link), *Economics of Education Review*, 1986.

"The Efficiency of Electric Power Pools: Evidence from Firing-Unit Data" (with D. Coates), *Applied Economics*, December 1986.

"Technical Change and Scale Economies Given Stochastic Demand and Production," *International Journal of Industrial Organization*, June 1986.

"Hospital Scale Economies Given Stochastic Demand and Service," *Economic Letters*, January 1987.

"Scale Economies for the GI/G/c Queuing Model," *Mathematical and Computer Modeling*, March 1988.

"Scale Economies and Capacity Utilization: The Importance of Relative Fuel Prices" (with D. Coates), *Energy Economics*, April 1988.

"Classmates' Effects on Black Student Achievement in Public School Classrooms" (with C. Link), *Economics of Education Review*, December 1991.

"Classified Advertising Rates That Vary by Category" (with M. Webster), *International Journal of Advertising*, Vol. 13, No. 2, 1994.

"Classroom Peer Effects on Student Test Scores in Public Schools," (with C. Link) in *Assessing Educational Practices: The Contribution of Economists*, edited by William Baumol and William Becker, Jr., 1995.

"Daycare Quality and Daycare Regulation: A Queuing Model" (with S. Hoffman), *Economics of Education Review*, February 1998.

"The Pricing of a Round of Golf: The Inefficiency of Membership Fees Revisited," *The Journal of Sports Economics*, November 2001.

"Market Segmentation and the Diffusion of Quality-Enhancing Innovations: The Case of Downhill Skiing" (with E. Llinares), *The Review of Economics and Statistics*, August 2003. (Reprinted in *Recent Developments in the Economics of Sport*, ed. W. Andreff, The International Library of Critical Writings in Economics, Cheltenham, UK; Edward Elgar Publishing, 2011.)

"Persistent Adoption of Time-saving Process Innovations," *The Economics of Persistent Innovation*, edited by Latham and LeBas, Springer, 2006.

"Did Corliss Steam Engines Fuel Urban Growth in the Late Nineteenth Century? Less Sanguine Results," *The Journal of Economic History* (with B. Abrams and J. Li), December 2008.

"Vintage Effects and the Diffusion of Time-Saving Technological Innovations" *The B.E. Journal of Economic Analysis & Policy (Advances)* (with E. Falaris and N. Das), Vol. 9: Issue 1, 2009.

"Market Size, Service Quality and Competition in the U.S. Down-hill Ski Industry," *Applied Economics Letters*, 2011.

"Government Intervention to Prevent Bankruptcy: The Effect of Blind-Bidding Laws on Movie Theaters," *Economic Inquiry* (with D. Wedzielewski), October 2012.

"Capital Intensity and US County Population Growth during the Late 19th Century," *Eastern Economic Journal* (with B. Abrams and J. Li), 2012.

"Diffusion of Steam-Powered Firefighting Equipment in the United States: Innovation Adoption at the Municipal Level," *Economics of Innovation and New Technology* (with E. Falaris and B. Abrams), forthcoming 2018.

**Other Publications:**

"Hospital Scale Economies," EARIE Conference Volume, Volume 1, August 1984.

Invited Review of *The Dimming of America* by Peter Navarro, published in *The Southern Economic Journal*, July 1987.

*Managerial Economics: A Strategy for Profits*, 1989 by Allyn and Bacon, Inc. (Simon and Schuster), Boston, MA.

Invited Review of *The Economics of American Higher Education*, edited by William E. Becker and Darrell R. Lewis, published in the *Journal of Economic Education*, Spring 1993.

Invited Review of *Holding Schools Accountable: Performance-based Reform in Education*, edited by Helen F. Ladd, published in *Economics of Education Review*, 2001.

Invited Review of *The Market Approach to Education* by John F. Witte, published in *Economics of Education Review*, 2002.