

# Mary E. Deily

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## Office Address

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Lehigh University  
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## Education

Ph.D., Economics, Harvard University, 1985

M.A., Economics, Harvard University, 1983

B.A., Summa Cum Laude, with High Honors in Economics,  
University of Maryland at College Park, 1979

## Professional Interests

Industrial Organization; Health Economics

## Positions Held

Professor of Economics, Lehigh University, May 2007-current

Director, MS in Health and BioPharmaceutical Economics, June 2009-June 2011

Associate Professor of Economics, Lehigh University, September 1995-May 2007

Program Director for Economics, National Science Foundation, August 1998-August 2000  
(on leave from Lehigh University)

Assistant Professor, Lehigh University, September 1991-August 1995

Visiting Scholar, Federal Reserve Bank of Cleveland, June 1987-July 1988  
(on leave from Texas A&M University)

Assistant Professor, Texas A&M University, September 1984-August 1991

Teaching Fellow, Harvard University Department of Economics, 1981-1984

Research Assistant for Professor Raymond Vernon, Harvard Business School, Summer 1980

## Refereed Publications

“Cost Inefficiency and Hospital Health Outcomes.” With Niccic L. McKay. *Health Economics*. 17(7, July 2008): 833-848.

"Agency Structure and Firm Culture: OSHA, EPA, and the Steel Industry." With Wayne B. Gray. *The Journal of Law, Economics, & Organization*, 23(October 2007, 3): 685-709.

"A Cartel's Response to Cheating: An Empirical Investigation of the De Beers Diamond Empire." With Donna J. Berginstock and Larry W. Taylor. *Southern Economic Journal* 73(1): 173-189. July 2006.

"Cost Inefficiency and Mortality Rates in Florida Hospitals." With Niccie L. McKay. *Health Economics* 15(4): 419-431. April 2006.

"Comparing High- and Low-Performing Hospitals Using Risk-Adjusted Excess Mortality and Cost Inefficiency. With Niccie L. McKay. *Health Care Management Review* 30(4): 347-360. October-December 2005.

"Ownership and Changes in Hospital Efficiency, 1986-1991." With Niccie L. McKay and Fred H. Dorner. *Inquiry* 39(4): 388-399. Winter 2002/2003.

"Exit and Inefficiency: The Effects of Ownership Type." With Niccie L. McKay and Fred H. Dorner. *Journal of Human Resources* 35(4): 734-747. Fall 2000.

"Wages in the Steel Industry: Take the Money and Run?" *Industrial Relations* 37(2): 153-177. April 1998.

"Compliance and Enforcement Behavior: Air Pollution Regulation in the U.S. Steel Industry." With Wayne B. Gray. *Journal of Environmental Economics and Management* 31: 96-111. 1996.  
Summary included in Compliance Information Project: Literature Summaries. Office of Planning and Policy Analysis, United States Environmental Protection Agency, EPA-3000-R-99-002, April 1999.

"Temptation, Willpower, and the Problem of Rational Self-Control." With W. Robert Reed. *Rationality and Society* 5(4): 455-472. October 1993.

"Enforcement of Pollution Regulations in a Declining Industry." With Wayne B. Gray. *Journal of Environmental Economics and Management* 21: 260-274. 1991.  
Reprinted in Environmental Instruments and Institutions, Thomas Tietenberg, Kenneth J. Button, and Peter Nijkamp, eds., Edward Elgar, 1999.

Reprinted in Economic Costs & Consequences of Environmental Regulation, Wayne B. Gray, ed., Ashgate Publishing Limited, 2002.

"Marginal and Total Cost-of-Production Indices: Theory and Applications to the Steel Industry." With Michael R. Baye and Dennis W. Jansen. *Journal of Productivity Analysis* 2(2): 91-102. July 1991.

"Exit Strategies and Plant-Closing Decisions: The Case of Steel." *The Rand Journal of Economics* 22(2): 250-263. 1991.

"Investment Activity and the Exit Decision." *The Review of Economics and Statistics* 70(4): 595-602. November 1988.

## **Other Publications**

“Global Budgets and Provider Incentives: Hospitals’ Drug Expenditures in Taiwan.” With Shin-Yi Chou, Hsien-Ming Lien, and Jing Hua Zhang. In Avi Dor, (ed.), *Pharmaceutical Markets and Insurance Worldwide, Advances in Health Economics and Health Services Research, Volume 22*. Emerald Books, 2010.

Preface to *An Analysis of the International Diamond Market (Mellen Studies in Business)* by Donna Bergenstock. Lewiston, NY: Edwin Mellen Press. 2005.

“Economic Research Funding at the National Science Foundation.” *CSWEP Newsletter*. Fall 2000.

"A User's Guide to Capacity Utilization Measures." With Paul W. Bauer. *Federal Reserve Bank of Cleveland Economic Commentary*. July 1, 1988.

"Measuring the Unseen: A Primer on Capacity Utilization." With Paul W. Bauer. *Federal Reserve Bank of Cleveland Economic Commentary*. June 15, 1988.

"Exit Barriers in the Steel Industry." *Federal Reserve Bank of Cleveland Economic Review*. 24(1): 10-18. First Quarter, 1988.

## **Book Reviews**

*Preference Pollution: How Markets Create the Desires We Dislike* by David George (University of Michigan Press). *Journal of Socio-Economics* 32(1): 103-104. March 2003.

## **Working Papers**

“Regionalization and Health Outcomes for Scheduled Surgery Patients,” with Shin-Yi Chou and Suhui Li, November 2011.

“The Impact of Health Information Technology Adoption by Outpatient Facilities on Inpatient Outcomes: Evidence from Pregnancy Cases in Pennsylvania,” with Shin-Yi Chou, Chad Meyerhoefer, Tianyan Hu, and Sabrina Terrizzi, January 2012.

“Information Matters: Quality Competition and Information in a Fixed-Price Market,” with Shin-Yi Chou, Suhui Li, and Yi Lu, April 2011.

“Provider Responses to a Global Budget System: The Case of Drug Expenditures in Taiwan Hospitals” with Shin-Yi Chou, James A. Dearden, and Hsien-Ming Lien, June 2010.

“Firm Strategy and Stockholder Returns in a Declining Industry,” with Anne Anderson, October 2008.

## **Honors and Awards**

Arthur F. Searing Professorship, 2006-2009, College of Business & Economics, Lehigh University

Carl R. and Ingeborg Beidleman Research Award, 2006, College of Business & Economics, Lehigh University

Class of '61 Chair, 2001-2003, College of Business & Economics, Lehigh University

Phi Kappa Phi, University of Maryland, 1979

Omicron Delta Epsilon (National Economics Honor Society), University of Maryland, 1979

Phi Beta Kappa, University of Maryland, College Park, 1978

National Science Foundation Fellowship, 1979

## **Grants**

“Utilizing Health Information Technology to Improve Healthcare Quality,” \$1.2 million, Agency for Healthcare Research and Quality, with Lehigh Valley Health Network and with Susan Sherer, Chad Meyerhoefer, and Shin-Yi Chou, January 2012.

“Quality Information and Quality Competition: Evidence from the Pennsylvania CABG Market,” \$6000, CURE grant, with Shin-Yi Chou, November 2010.

“Optimizing Perinatal Care at LVN,” \$23,190, Faculty Innovation Grant, with Susan Sherer, Chad Meyerhoefer, and Shin-Yi Chou, May 2010.

“Competition, Health Outcomes, and Resource Use in Pennsylvania Hospitals,” \$2200, Faculty Research Grant, Lehigh University, Spring 2009.

“Impact of Health Care Report Cards,” with Shin-Yi Chou, \$10,000, CBE Research Committee & Martindale Center, Lehigh University, 2008

“Cost Inefficiency and Health Outcomes in US Hospitals,” with Niccie L. McKay, \$10,000, CBE Research Committee & Martindale Center, Lehigh University, 2004

“Ownership and Changes in Hospital Efficiency, 1986-1991.” With Niccie L. McKay and Fred H. Dorner. \$800, Faculty Research Grant, Lehigh University, Fall 1997; \$5,744, Summer Research Grant, College of Business and Economics, Lehigh University, 2001

“Exit and Inefficiency: The Effects of Ownership Type.” With Niccie L. McKay and Fred H. Dorner. \$950, Faculty Research Grant, Lehigh University, Fall 1995

“Endgame Strategies of Integrated Steel Firms,” \$7500, Summer Research Grant, College of Business and Economics, Lehigh University, 1994

“The Path of Wages in Declining Industries,” \$7200, Summer Research Grant, College of Business and Economics, Lehigh University, 1992

“Enforcement and Compliance Decisions under OSHA and EPA Regulation,” \$48,142, co-principal investigator with Wayne B. Gray, National Science Foundation Grant SES-8921277, 1990

“The Order of Exit from a Declining Industry: The Case of Steel,” \$6,000, Summer Research Grant,

Texas A&M University, 1986

### **Scholarly Presentations**

“Information Matters: Quality Competition and Information in a Fixed-Price Market,” with Shin-Yi Chou, Suhui Li, and Yi Lu, International Industrial Organization Conference, April 2011.

“Quality Information and Quality Competition: Evidence from the Pennsylvania CABG Market,” with Shin-Yi Chou, Suhui Li, and Yu Li, Federal Trade Commission Economics Bureau Speakers Series, Washington, DC, November 4, 2010.

“Spillovers and the Impact of Health Information Technology: Evidence from Pregnancy Outcomes in Pennsylvania,” with Shin-Yi Chou and Chad D. Meyerhoefer, American Society of Health Economics, June 2010.

“Hospital Report Cards, Patients’ Travel Distance, and Health Outcomes,” with Shin-Yi Chou and Suhui Li, International Industrial Organization Conference, April 2009.

“Firm Strategy and Stockholder Returns in a Declining Industry,” with Anne Anderson, Lehigh University, November 2007, and at the International Industrial Organization Conference, May 2008.

“Cost Inefficiency and Mortality Rates in Florida Hospitals,” with Niccie L. McKay, Drexel University, March 2006.

“Cost Inefficiency and Health Outcomes in US Hospitals,” CBE Research Committee and the Martindale Center, Lehigh University, September 2005

“A Cartel’s Response to cheating: An Empirical Investigation of the De Beers Diamond Empire,” with Donna Bergenstock and Larry W. Taylor, Lehigh University, April 2002

“Ownership and Changes in Hospital Efficiency, 1986-1991, with Niccie L. McKay and Fred Dorner, at Wilfrid Laurier University, Ontario, Canada, October 2000

“Changes in Hospital Efficiency, 1986-1991,” with Niccie L. McKay and Fred Dorner, Southern Economic Association Meetings, November 1998

“Efficiency and Exit: The Effects of Ownership Status,” with Niccie L. McKay and Fred Dorner, at the National Science Foundation, March 1998

“Changes in Hospital Efficiency, 1986-1991,” with Niccie L. McKay and Fred Dorner. Southern Economic Association, November 1998

“The Effect of Increased Industry Risk on Hospital Capital Structure,” with Niccie L. McKay and Fred Dorner.

American Economic Association Meetings, January 1998

Southern Economic Association Meetings, November 1997

“Efficiency and Exit in the Hospital Industry: Effects of Ownership Status,” with Niccie L. McKay and

Fred Dorner. Southern Economic Association Meetings, November 1996

"Compliance and Enforcement Behavior: Air Pollution Regulation in the U.S. Steel Industry." With Wayne B. Gray.

Martindale Seminar, Lehigh University, April 1994  
Resources for the Future, October 1994.

"Wage Changes in the Integrated Steel Industry, 1970-1990," Eastern Economic Meetings, March 1994

"The Integrated Steel Industry's Experience of the Last 30 Years," University of Pittsburgh, October 1992

"Enforcement of Pollution Regulations in a Declining Industry," with Wayne B. Gray.

American Economic Conference, December 1989  
Southern Economic Conference, November 1989

"Exit Strategies and Plant-Closing Decisions: The Case of Steel." Industrial Organization Seminar, Texas A&M University, Fall 1989

"The Exit Process in the U.S. Steel Industry"

Federal Reserve Bank of Kansas City, November 1987  
Southern Economic Conference, November 1986  
Department of Economics, University of Houston, November 1986

### **Conference Participation as Session Chair or Discussant**

Discussant for session on "Bundling, Predation, and Anticompetitive Pricing," International Industrial Organization Conference, April 2011.

Discussant for rising star session on Empirical Industrial Organization, "Why are Health Care report Cards So Bad (Good)?" by Yijuan Chen, University of Pennsylvania, International Industrial Organization Conference, April 2009

Invited discussant, "Translating Frontiers into Practice: Taking the Next Steps towards Improving Efficiency," conference sponsored by the Agency for Healthcare Research and Quality, Rockville, MD, August 27-28, 2008.

Chair and discussant for session on "Topics in Empirical IO," International Industrial Organization Conference, May 2008

Discussed paper in session on "Empirical Models of Entry and Technology Adoption," and paper in session on "Hospital Efficiency and Antitrust," International Industrial Organization Conference, April 2006

Discussed paper in session on "Aspects of Product Differentiation," International Industrial Organization Conference, April 2005

Session chair (two sessions: "Industry Structure"; "Market for Physicians") and discussant (two papers), Southern Economic Association Meetings, November 1999

Session chair (“Industry Studies I”) and discussant (two papers), Western Economic Association Meetings, July 1999

Discussant for session on “Health and the Labor Market,” and for session on “Health,” Southern Economic Association Meetings, November 1998

Chair and discussant for session on “Market Structure, Firm Strategy, and Market Performance,” Southern Economic Association Meetings, November 1997

Chaired session on “Topics in Information, Uncertainty and Markets,” Southern Economic Association Meetings, November 1996

Discussant, Session: “Industrial Organization (III)”, Eastern Economic Association Meetings, March 1995

Discussant, Session: “Industrial Organization (II)”, Eastern Economic Association Meetings, March 1994

Discussant, Southern Economics Association, November 1992

Discussant, Summer Conference on Industrial Organization, Strategic Management & International Competitiveness, June 1991

Discussant, Session: “Industrial Organization and Firm Strategy,” Southern Economics Association, November 1986

### **Teaching (Courses Currently Taught\*)**

Undergraduate:

Principles (Microeconomics, Macroeconomics, and Single semester principles); Theory of Trade Protection; Principles of Econometrics; Statistical Methods; Applied Microeconomics\*; Competitor & Market Analysis\*; Business & Government\*

Graduate:

Industrial Organization; Government Regulation of Business; Mathematical Economics\*

### **Research Advisor**

Undergraduate:

Independent Study, Allison Coff, Fall 2011

Eckhardt Scholar Jennifer Nagel, 2009-2010

Martindale Research papers by Brian Quigley and by Christopher Jewell, (Italy trip), Spring 2002-Spring 2003

Martindale Research papers by Colin Gallagher and by Steven Glassman, (Sweden trip), Fall 2003 only (substitute for faculty member on leave)

Doctoral:

Current dissertation committee member for: Tianyan Hu, Sabrina Terrizzi, Suhui Li

Jing Hua Zhang, dissertation committee member, PHD 2011

Yi Lu, dissertation committee member, PHD 2011

Justin Wang, dissertation committee member, PhD 2009

Donna Bergenstock, dissertation committee chair, 1995-1999; placed: Cedar Crest College; now at Muhlenberg College

Karl Einolf, dissertation committee member, PhD 1998

**University Service**

Member, Honorary Degrees Committee, July 2011- current

Member, Pool Scholar/GELH Committee, December 2009-current

Member, Search Committee for Presidential Chair in Health, Fall 2009-December 2010

Reader at University Commencement: 2004-2011

Lehigh Life and VIEW class visitation participant, 2009, 2010, 2011

Member, Hook Fellowship Committee, May 2009

Member, Faculty Research Grant Committee, Spring 2002-Spring 2008

Member, Middle States Compliance Subcommittee, July 2006-April 2007

Member, Search Committee for Department of Mathematics, Fall 2006-Spring 2007

Member, Graduate & Research Committee, 2003-2006  
GRC Curriculum Subcommittee Chair, 2004-2005  
GRC Chair, 2005-2006

Member, Faculty Steering Committee, 2005-2006 (GRC Rep)

Member, Visiting Lecturers Committee, 2000-2003

Member, Faculty Financial Planning and Operations Committee, 2001-2002 (as substitute)

Member, Faculty Steering Committee, 2001-2002 (FFPOC Rep)

Member, Faculty Senate Task Force, Spring 1997-1998

Sloan Project participant, “Re-Figuring the University: A Study of Lehigh,” 1996-1997

Member, Faculty Financial Planning and Operations Committee, 1995-1997

Member, University Council, 1995-1997

Member, University Council Graduate & Research Working Group, 1995-1997

Member, Phi Beta Kappa Committee, 1995-1996

Member, Board of Publications Committee, 1994-1997

Member, Liberal Arts Council, Texas A&M University, September 1989-August 1991

### **College Service**

Member, MBA Committee, Spring 2011- current

CBE Representative to College of Arts & Sciences, 2010-2013

Member (Full Professor), CBE Promotion & Tenure Committee, 2007-2010, Fall 2011

Chair, Working Group for Phase I of MBA Program Review August 2007-April 2008

Member (Associate Professor), CBE Promotion & Tenure Committee, 2006-2007

Member, CBE College Policy Committee, 2003-2006

CBE Freshman Orientation Advisor, August 2005, August 2004

External Member, Search Committee for Business Information Systems position, 2002-2003

External Member, Search Committee for Business Information Systems position, 2001-2002

CBE Representative to College of Arts & Sciences, Spring 2001 (as substitute)

CBE Representative to College of Education, 2000-2003

Member, CBE Promotion & Tenure Committee, 1997-2000

Chair, CBE Distance Learning Committee, Spring 1995-Spring 1997

Member, CBE Faculty Lounge Committee, Fall 1994-Summer 1998

### **Service to Interdisciplinary Programs**

ADVANCE Focus Group participant, Spring 2011

Member, Women's Studies Steering Committee, Fall 2001-Spring 2008

### **Department Service**

Member, Economics Department Hiring committee for INE, 2011-2012

Member, INE (Smart Grids) Cluster committee, November 2010 - July 2011

Director, HBPE program, June 2009-June 2011

Member, Economics Department PhD Committee, 2008 - current

Member, Search Committee for Microeconomics position, 2007-2008

Member, Search Committee for Microeconomics position (Shin-Yi Chou) 2002-2003

Member, Search Committee for Decision Sciences position (Wenlong Weng) 2000-2001

Member, faculty group developing major in Business Economics, 2000

Advisor, Undergraduate Economics Club, Texas A&M University, Fall 1985-Spring 1987

### **Professional Service**

Panelist, National Science Foundation, 2011

Lehigh University representative for the Committee on the Status of Women in the Economics Profession (CSWEP), 1996-2005

Panelist and mentor at the CSWEP Mentoring for Junior Faculty (CeMent) workshop, sponsored by CSWEP and the National Science Foundation, February 22-23, 2004, Washington, D.C.; have continued to provide mentoring to four junior economists

Panelist, National Science Foundation, Information Technology Research (ITR) Competition, February 4-5, 2002

Panelist, National Science Foundation, Integrative Graduate Education and Research Traineeship Program (IGERT), Socio-Technical Infrastructure for Electronic Transactions, March 19-20, 2001

Panelist, National Science Foundation, Social and Behavioral Science Division Instrumentation Panel, May 4, 2000

Presented "The Research Atmosphere at the NSF," as part of a panel on "The Research Climate in Economic Institutions," Western Economic Association Meetings, July 1999

Participant in workshop, "Creating Career Opportunities for Female Economists," Western Economic Association Conference, July 1999

Presentation to the Association of Women in the Metal Industries, "Steel in the U.S.: An Industry in Transition," Houston, March 1987

**Referee**

*The American Journal of Political Science, Contemporary Economic Policy, Eastern Economic Journal, Economic Inquiry, The Energy Journal, European Economic Review, Health Economics, International Journal of the Economics of Business, Journal of Economic Behavior and Organization, Journal of Economics and Business, Journal of Environmental Economics and Management, Journal of Industrial Economics, Journal of Industrial Organization Education, Inquiry, National Science Foundation, Quarterly Review of Economics and Finance, Review of Economics and Statistics, Southern Economic Journal*

**Reviewer**

Harper Collins Publishers, McGraw-Hill Book Company, Dryden Press, John Wiley & Sons

**Professional Memberships**

American Economic Association

International Industrial Organization Society

American Society of Health Economists

Committee on the Status of Women in the Economics Profession (CSWEP)