

## Joseph I. Daniel

### CONTACT DATA

Office Address Economics Department University of Delaware Newark, DE 19716	(302) 831-1913 (Voice) (302) 831-6968 (FAX) danielj@lerner.udel.edu	Home Address 1222 Christina Mill Dr Newark, DE 19711	Personal DoB: 11/26/59 US Citizen
--	---	--	---

### EDUCATION

Doctor of Philosophy	Economics	University of Minnesota	1985- 1992
---	Computer Science	Ohio University	1984- 1985
Juris Doctor	Law	Northwestern University	1981- 1984
Bachelor of Arts	Economics	Northwestern University	1978- 1981

### Ph.D. DISSERTATION

“Peak-Load-Congestion Pricing and Optimal Capacity of Large Hub Airports”  
Dissertation Advisor: Professor Herbert Mohring

### MAJOR FIELDS OF CONCENTRATION

Applied Microeconomics, Transportation Economics, Law and Economics, Industrial Organization, Public Finance

### PROFESSIONAL EXPERIENCE

Associate Professor	University of Delaware	1999-
Assistant Professor	University of Delaware	1992-1999
Visiting Assistant Professor	University of Delaware	1991- 1992
Research Associate	University of Minnesota	1989- 1991
Research Analyst Specialist	Tax Research Division Minnesota Department of Revenue	1989- 1990
Teaching Associate	University of Minnesota	1988- 1989
Researcher	Office of Tax Policy Research University of Michigan	1988

### PROFESSIONAL Affiliations

American Economic Association	American Bar Association
Econometrics Society	American Law and Economics Association
European Association for Research in Industrial Economics	Admitted to the Bar in the State of Ohio in 1984

## RESEARCH GRANTS AND CONTRACTS

Lerner College Summer Research Grant	2006
Andrew W. Mellon Foundation “Efficiency in the Use of Technology in Economic Education”	2001-2003
Mc Carrin International Airport (Las Vegas)	2000
New Castle Airport, Delaware River and Bay Authority	2000
World Bank Institute	1999-2000
Delaware Department of Transportation/Delaware Transportation Institute Grant	1995-1996
General University Research Grant, University of Delaware.	1992
Center for Transportation Studies, University of Minnesota. (with Herbert Mohring)	1989-1991

## PUBLISHED AND FORTHCOMING RESEARCH

- “Pricing the Major US Hub Airports,” (with Kate Harback) *Journal of Urban Economics* 64 (2), 2009, 288-295.
- “(When) Do Hub Airlines Internalize Their Self-Imposed Congestion Delays,” (with Kate Harback) *Journal of Urban Economics*, 63 (2008) 583-612.
- “Efficiency of the Use of Technology in Economic Education,” (with Kim Sosin, Rajshree Agarwal, Bartlett, Robin, and Blecha, Betty) *American Economic Review*, 94(2) May 2004, 253-58.
- “Congestion Pricing and Capacity of Large Hub Airports,” *Recent Developments in Transport Economics, International Library of Critical Writings in Economics* No. 164, Kenneth Button, Ed., Edward Elgar Publishing, 2003.
- “Benefit-Cost Analysis of Airport Infrastructure: the case of taxiways,” *Journal of Air Transport Management* 8 (2002) 149-164.
- “Distributional Consequences of Congestion Pricing at Large Hub Airports,” *Journal of Urban Economics*, 50(2), September 2001, 230-58.
- “The Environmental Impact of Highway Congestion Pricing,” (with Khalid Bekka) *Journal of Urban Economics*, 47(2), March 2000, 180-215.
- “Comparison of Three Empirical Models of Airport Congestion Pricing,” (with Munish Pahwa) *Journal of Urban Economics*, 47(1), January 2000, 1-38.

“Computer Aided Instruction on the World Wide Web,” *Journal of Economic Education*, 30, No. 2, Spring 1999, 163-174.

“Using the World Wide Web to Improve Computer Aided Instruction,” *Journal of Economic Education*, 30, No. 3, Summer 1999, 225-245.

“Congestion Pricing and Capacity of Large Hub Airports: A Bottleneck Model with Stochastic Queues,” *Econometrica*, 63, No. 2, March 1995, 327-370.

“Peak-Load Congestion Pricing of Hub Airport Operations with Endogenous Scheduling and Traffic-Flow Adjustments at Minneapolis-St. Paul Airport,” *Transportation Research Record* No. 1298, 1991, 1-13.

#### WORKING PAPERS

“Pricing Canadian Airports”

“The Untolled Problems with Airport Slot Constraints”

“The Deterministic Bottleneck Model with Non-Atomistic Traffic”

“There and Back Again: Airline Routes, Fares, and Passenger Flows in Network Equilibria,” (with Munish Pahwa).

“Do Airlines that Dominate Traffic at Hub Airports Experience Less Delay?,” (with Kate Harback).

#### RESEARCH IN PROGRESS

“What do on time arrival statistics have to do with airport delays? Not much.”

“The Dynamic Economics of a Stochastic Bottleneck”

“Pricing European Airports”

#### PRESENTATIONS

“Pricing Canadian Airports,” presented at the Department of Economics Seminar Series, Universite Lumiere, Lyon 2, France.

“Pricing the Major US Hub Airports,” (with Kate Harback) presented at the 2008 Kumar-Nectar Conference at the Free University of Amsterdam, The Netherlands.

“(When) do Hub Airlines Internalize Their Self-Imposed Congestion Delays,” (with Kate Harback) presented at the 2006 Allied Social Sciences Association Meeting, Boston, Massachusetts.

“There and Back Again: Airline Routes, Fares, and Passenger Flows in Network Equilibria,” (with Munish Pahwa) presented at the 2004 Econometric Society European Meeting, Madrid, Spain.

- “Efficiency of the Use of Technology in Economic Education,” CUET Conference, Northwestern University (2002)
- “Benefit-Cost Analysis of Airport Infrastructure: the case of taxiways,” Seminar on advances in Aviation Economics, Tinbergen Institute, Amsterdam, The Netherlands. (2001).
- “A Simulated Annealing Model of Airline Route Structures,” Eureka Seminar Series, Free University of Amsterdam, Department of Spatial Economics. (2000).
- “JAVA Utilities for Economic Web-Site Development,” presented at the University of Melbourne’s, International Conference on the Scholarship of Teaching Economics, Melbourne, Victoria., Australia. (2000).
- “Using JAVA to Develop Web-Site Utilities Specific to Economics,” presented at the 2000 Allied Social Sciences Association Meeting, Boston, Massachusetts.
- “Computer-Aided Instruction in Economics,” presented at the 1998 Conference on Innovative Techniques for Teaching Principles of Economics, Sponsored by the Center for Economic Education, Department of Economics, Stanford University, Stanford, California.
- “Comparison of Three Empirical Models of Airport Congestion Pricing,” (with Munish Pahwa) presented at the 1998 meetings of Ecole Nationale de l’Aviation Civile, Concurrence et déréglementation Aérien Colloque International, Toulouse, France.
- “Congestion Pricing of Urban Highway Networks,” (with Khalid Bekka) presented at the 1998 meetings of the European Economics Association, Berlin, Germany.
- “Comparison of Three Empirical Models of Airport Congestion Pricing,” (with Munish Pahwa) presented at the 1998 meetings of the European Economics Association, Berlin, Germany.
- “Congestion Pricing of Urban Highway Networks,” (with Khalid Bekka) presented at the 1998 meetings of the European Association for Research in Industrial Economics, Copenhagen, Denmark.
- “Comparison of Three Empirical Models of Airport Congestion Pricing,” (with Munish Pahwa) presented at the 1998 meetings of the European Association for Research in Industrial Economics, Copenhagen, Denmark.
- “Using the Web to Improve Computer-Aided Instruction in Economics,” presented at the 1998 Conference on Advancing the Integration of New Technologies into the Undergraduate Teaching of Economics, Sponsored by the NSF, the National Council on Economic Education, the AEA Committee on Economic Education, the Journal of Economic Education and the University of Pittsburgh, Pittsburgh, Pennsylvania.

“Airport Congestion Pricing,” presented at the 1998 Allied Social Sciences Association Meeting, Chicago, IL.

“Computer Aided Instruction on the World Wide Web,” presented at the 1998 Allied Social Sciences Association Meeting, Chicago, IL.

“Distributional Consequences of Congestion Pricing at Large Hub Airports,” presented at the 1997 meetings of the European Association for Research in Industrial Economics, Leuven, Belgium.

“Distributional Consequences of Congestion Pricing at Large Hub Airports,” presented at the 1997 Econometric Society European Meeting, Toulouse, France.

“Price and Waiting Time Dispersion Among Service Firms,” presented at the 1995 meetings of the European Association for Research in Industrial Economics, Juan Les Pins, France.

“Congestion Pricing and Optimal Capacity of Large Hub Airports: A Bottleneck Model with Stochastic Queues,” presented at the 1994 Econometric Society European Meeting, Maastricht, The Netherlands.

“Interactions Between Hub-and-Spoke Airline Scheduling Practices and Congestion-based Airport User Fees,” presented at the Annual Meeting of the Transportation Research Board, Washington, D.C., January 1991.

“The Price Elasticity of Charitable Giving: New Evidence from a Panel of Taxpayers,” presented at the Workshop on the Use of Panel Data in Tax Policy Research, University of Michigan, Ann Arbor, MI., November 1988.

#### HONORS, AWARDS, AND FELLOWSHIPS

Matthew J. Huber Annual Award for Excellence in Transportation Research, 1992  
Center for Transportation Research, University of Minnesota.

Graduate Research Award Program on Public-Sector Aviation Issues, 1990-1991  
Transportation Research Board, National Research Council.

Jacob Javits (National Graduate) Fellowship in the Social Sciences, 1986-1988  
U.S. Department of Education.

#### INSTRUCTIONAL MATERIALS

Developer of oo\_Micro! {[http://medusa.be.udel.edu/oo\\_Micro!.htm](http://medusa.be.udel.edu/oo_Micro!.htm)}, an interactive multimedia web site for instruction in intermediate microeconomics. The site uses JAVA applets to graphically present and animate economic models. A mathematical drawing program enables students to construct models by drawing them on the web page. The site presents all the topics in typical intermediate microeconomic textbooks.

## TEACHING AREAS

Law & Economics  
Urban Economics  
Transportation Economics  
Mathematics for Economists (doctoral level)  
Microeconomic Theory, Intermediate and Advanced (undergraduate & doctoral level)  
Operations Research--applications of queuing theory  
Industrial Organization and Antitrust Policy  
Managerial Economics

## INTERNAL SERVICE

Pre-Law Advisor, Department of Economics	1995-
Economics Department representative to the Faculty Senate	2004-2008
Departmental Seminar Series Coordinator	2001-2002
Minority Graduate Student Recruitment Representative	1993-2000
Departmental Graduate Committee	1992-2000
College Committee on Organization	1991-1998
University CNS Faculty Advisory Committee	1993-1998
Search Committee for Director of the Delaware Transportation Institute	1995-1996
Webmeister for the Departmental World Wide Web Server	1995-1996
Departmental Student Life Committee	1991-1992
Departmental Honors Committee	1991-1992

## EXTERNAL SERVICE

Board of Directors, Member at Large, Unitarian Universalist Fellowship of Newark, DE	1995-1999
Cecil County Board of Education Textbook Review Committee	1995-1997
Treasurer, Unitarian Universalist Fellowship of Newark, DE	1992-1995
Delegate, Democratic Party Presidential Nominating Convention State of Delaware	1992

## MANUSCRIPT REVIEWER

American Economic Review	Journal of Urban Economics
RAND Journal of Economics	Journal of Applied Econometrics
Journal of Industrial Economics	Journal of Environmental Economics
Eastern Journal of Economics	Journal of Public Economics
National Science Foundation	Canadian Journal of Economics
Economic Inquiry	Transportation Research B
The Economics Journal	HarperCollins College Publishers
Journal of Economic Education	West Publishing Company

## REFERENCES

Available upon request