

Michael R. Ward

CURRICULUM VITAE

November 2011

CURRENT POSITION

Associate Professor of Economics, Department of Economics, University of Texas at Arlington, 2003-.

CONTACT INFORMATION

Michael R. Ward
Associate Professor
Department of Economics
University of Texas at Arlington
Arlington, TX 76019
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PREVIOUS POSITIONS

Visiting Associate Professor of Economics, Dept. of Economics, University of Texas at Arlington, 2002-2003.
Associate Professor of Consumer Economics, Dept. of Agricultural and Consumer Economics, University of Illinois, 2001-2003.
Assistant Professor of Consumer Economics, Dept. of Agricultural and Consumer Economics, University of Illinois, 1995-2001.
Economist, Federal Trade Commission, 1991-1995.
Adjunct Lecturer, George Washington University, Spring, 1993.
Senior Economist, Criterion, Inc., 1983-1985.

PROFESSIONAL ACTIVITIES AND AFFILIATIONS

Co-Editor, *Contemporary Economic Policy* 2011-.
Research Fellow, Instituto de Pesquisa Econômica Aplicada (IPEA), Brazil, 2010-2011.
Visiting Researcher, Zentrum für Europäische Wirtschaftsforschung GmbH (ZEW), Germany, Summer 2008.
Affiliate, Institute for Government and Public Affairs (IGPA), University of Illinois 1999-2002.
Affiliate, Consortium for Research on Telecommunications Policy, 1999-
Special Consultant, Federal Trade Commission, 1995-2001.

EDUCATION

Ph.D. (Economics), University of Chicago, 1993

Dissertation: “The Determinants of Innovative Effort: Evidence from the Pharmaceutical Industry”

M.A. (Economics), University of Chicago, 1986

B.A. (Mathematics and Economics), University of California, Los Angeles, 1983

FIELDS OF SPECIALIZATION

Applied Price Theory, Industrial Organization, Economics of Innovation

BIBLIOGRAPHY (by topic)

Innovation

- *Articles*

Darshak Patel and Michael R. Ward, “[Using Patent Citation Patterns to Infer Innovation Market Competition](#),” *Research Policy*. 40(6) (July 2011) 886–894

Michael R. Ward and David Dranove, “[The Vertical Chain of Research and Development in the Pharmaceutical Industry](#),” *Economic Inquiry*, v33 n1 (January, 1995).

- *Book Chapters*

Michael R. Ward, “On Forecasting the Demand for E-commerce,” in *Forecasting the Internet: Understanding the Explosive Growth of Data Communications*, David G. Loomis & Lester D. Taylor editors. (Kluwer Academic Publishers, 2001).

- *Working Papers*

Michael R. Ward, “[Learning to Surf: Spillovers in the Adoption of the Internet](#),” revision requested from *Technological Forecasting & Social Change*.

Craig A. Depken, II and Michael R. Ward “[Sited, Sighted, and Cited: The Effect of JSTOR in Economic Research](#)” August 2009.

Michael R. Ward, “[The Effects of the E-Rate Internet Subsidies in Education](#),” March 2007.

Competition

- *Articles*

Michael R. Ward and Shilin Zheng, “[Mobile Fixed Telecommunications Substitution in China](#),” *Telecommunications Policy*, forthcoming.

Michael R. Ward and Glenn A Worroch, “[The Effect of Prices on Fixed and Mobile Telephone Penetration: Using Price Subsidies as Natural Experiments](#),” *Information, Economics and Policy*, 22:1 (2010) 18-32.

David Reiffen and Michael R. Ward, “[‘Branded Generics’ as a Strategy to Limit Cannibalization of Pharmaceutical Markets](#),” *Managerial and Decision Economics*, 28(4-5) (2007) 251-65.

David Reiffen and Michael R. Ward, “[Generic Drug Industry Dynamics](#),” *Review of Economics and Statistics*, 87(1) (Feb. 2005) 37-49 .

Mark J. Rodini, Glenn A. Worroch, and Michael R. Ward, “Going Mobile: Substitutability Between Fixed and Mobile Access,” *Telecommunications Policy* 27 (2003) 457-476.

- David Reiffen and Michael R. Ward, "[Recent Empirical Evidence on Discrimination by Regulated Firms](#)," *Review of Network Economics* v1 n1 (Mar., 2002).
- Michael R. Ward, "[Will E-commerce Compete more with Traditional Retail or Direct Marketing?](#)," *Netnomics* v3 n2 (Sept., 2001) 103-117.
- Michael R. Ward, "[Emerging Competition Policy Issues for Agricultural Biotechnology](#)," *American Behavioral Scientist* v44 n3 (Nov., 2000), 504-22..
- David Reiffen, Laurence Schumann and Michael R. Ward, "[Discriminatory Dealing with Downstream Competitors: Evidence from the Cellular Industry](#)," *Journal of Industrial Economics* v48 n3 (Sept., 2000) 253-86.
- Michael R. Ward, "[Product Substitutability and Competition in Long Distance Telecommunications](#)," *Economic Inquiry* v37 n4 (October, 1999).
- Steve G. Parsons and Michael R. Ward "Factor Substitution in Long Distance Telephony," *Southern Economic Journal* (October, 1995).
- **Published Reports**
- Michael R. Ward, "[Measurements of Market Power in Long Distance Telecommunications](#)," Bureau of Economics Staff Report, Federal Trade Commission, April 1995.
- **Book Chapters**
- David Reiffen and Michael R. Ward, "Competition in Generic Drugs: The American Experience and Lessons for Europe" (2007) in [European Pharmaceutical Policy and the Global Market](#), Volumes I and II, European Forum for Pharmaceutical Policy, pp. 165-76.
- **Book Reviews**
- Michael R. Ward, [Review of "Vertical Integration in Cable Television," by David Waterman and Andrew A. Weiss](#). Cambridge, MA and Washington, DC: MIT Press and AEI Press, 1997, 185 pages for the *Review of Industrial Organization* (1998) 609-612.
- **Working Papers**
- Michael R. Ward and Gleen Woroch, "[Usage Substitution between Mobile Telephone and Fixed line in the U.S.](#)" May, 2004.

Regulation

- **Articles**
- Shilin Zheng and Michael R. Ward (2011). "[The Effects of Competition and Privatization on Chinese Telecommunications](#)," *China Economic Review* 22(2) (June) 210-220.
- Mahmut Yasar, Catherine J. Morrison Paul, and Michael R. Ward, "[Property Rights Institutions and Firm Performance: A Cross-Country Analysis](#)," *World Development* 39(4) (April 2011) 648-661.
- Michael R. Ward, "[Video Games and Crime](#)," *Contemporary Economic Policy*, 29(2) (April 2011) 261-273.
- Michael R. Ward, "Video Games and Adolescent Fighting," *Journal of Law and Economics*, 53(3) (August 2010) 611-628.
- Michael R. Ward, "[Rural Telecommunications Subsidies Do Not Help](#)," *Journal of Regional Analysis and Policy*, 37(1) (Mar. 2007) 66-68.
- Michael R. Ward, "[The Effect of the Internet on Political Institutions](#)," *Industry and Corporate Change* v5 n4 (1996) 1127-1141.
- Steve G. Parsons and Michael R. Ward, "[The Influence of Regulation on Marginal Factor Cost: Access Markets in US Telecommunications](#)," *Information Economics and Policy*, 8(2) (June, 1996) 95-106.

- **Professional Articles**

Michael R. Ward, "The Economics of FDA Drug Approvals," *Journal of Medical Practice Management* (Winter 1993).

Michael R. Ward, "Drug Approval Over-Regulation," *Regulation* (Fall 1992).

- **Working Papers**

A. Scott Cunningham, Benjamin Engelstätter, and Michael R. Ward, "[Understanding the Effects of Violent Video Games on Violent Crime](#)," April, 2011.

Other Topics

- **Textbook**

Luke M. Froeb, Brian T. McCann, Michael R. Ward, Managerial Economics: A Problem-Solving Approach, South-Western College Publishers, 3rd Edition, forthcoming.

- **Articles**

Carolyn A. Dehring, Craig A. Depken, and Michael R. Ward, "[A Direct Test of the Homevoter Hypothesis](#)," *Journal of Urban Economics*, 64(1) (2008) 155-170.

Carolyn A. Dehring, Craig A. Depken and Michael R. Ward, "[The Impact of Stadium Announcements on Residential Property Values: Evidence from a Natural Experiment in Dallas-Fort Worth](#)," *Contemporary Economic Policy*, 25(4) (2007) 627–638.

Michael R. Ward and Michael J. Lee, "[Internet Shopping, Consumer Search, and Product Branding](#)," *Journal of Product and Brand Management* (9)1 (April, 2000).

Laurian Unnevehr, Michael R. Ward and Clare Hasler, "Regulating Health Claims on Food Products: The Balance between Consumer Choice and Consumer Protection," *Choices*, (First Quarter, 1998).

- **Book Chapters**

Michael R. Ward and Michelle Morganosky, "Online Consumer Search and Purchase in a Multiple Channel Environment," in *Advances in Microeconomics Volume 11: Internet Economics*, Michael R. Baye editor (JAI Press: Greenwich, CN, 2003).

Michael R. Ward, "The Economics of Online Retail Markets," in *The International Handbook on Emerging Telecommunications Networks*, Gary Madden & Scott Savage editors (Edward Elgar Publishers, 2002).

- **Miscellaneous Professional Contributions**

Michael R. Ward, "[Rent Dissipation in the Nevada Territory](#)," *Journal of Political Economy*, 119(3) (June 2011), Back Cover.

Michael R. Ward, "[Protectionism Through Prostitution](#)," *Journal of Political Economy*, 116(4) (August 2008), Back Cover.

Michael R. Ward, "[Two Out of Three Ain't Bad](#)," *Journal of Political Economy*, 115(2) (April 2007), Back Cover.

Michael R. Ward, "[Galileo the Economist](#)," *Journal of Political Economy*, 113(3) (June 2005), Back Cover.

Michael R. Ward, "[Ancient Babylonian Stock Markets](#)," *Journal of Political Economy*, 113(2) (April 2005), Back Cover.

- **Working Papers**

Wairimu R. Mugo and Michael R. Ward, "[Is Foreign Aid Conditioned upon Institutional Reform?](#)," July 2007.

Michael R. Ward, "[Teaching Digital Piracy](#)," April 2007.

CURRENT RESEARCH

- “Specialization, Substitution and Strategy in the Video Game Market” with Benjamin Engelstätter
- “Learning from Patent Citations,” with Darshak Patel
- “The Effect of Telecommunications on Productivity: Evidence from China,” with Shilin Zheng
- “The Geography of Economic Research,” with Quynh Hoa Nguyen
- “The Marginal Productivity of Graduate Students” with Craig Depken
- “The Market Value of Patenting: New Findings from Japanese Firm Level Data” with Yoshifumi Nakata, and Xingyuan Zhang

GRANTS RECEIVED

- “Empirical Tests for Creative Destruction in the Pharmaceutical Industry,” Granting Agency: Tilburg Law and Economics Center (TILEC); Dates: 4/08-10/08; Amount: 15,000 Euro, PI: Michael R. Ward.
- “Video Games and Violent Crime,” Granting Agency: NET Institute; Dates: 7/07-9/07; Amount: \$4,500, PI: Michael R. Ward.
- “Subsidizing Piracy,” Granting Agency: Center for the Analysis of Property Rights and Innovation (CAPRI); Dates: 10/06-12/06; Amount: \$7,500, PI: Michael R. Ward.
- “Rationalizing the E-rate,” Granting Agency: NET Institute; Dates: 7/05-9/05; Amount: \$4,500, PI: Michael R. Ward.
- Summer Research Grant, Granting Agency: UTA College of Business Administration; Dates: 6/05-8/05; Amount: \$6,500, PI: Michael R. Ward.
- “Wireline and Wireless Substitutability,” Granting Agency: Consortium for Research on Telecommunications Policy Research and Strategy; Dates: 5/99-8/99; Amount: \$13,500, PI: Michael R. Ward.
- “Food on the Net,” Granting Agency: Illinois Council on Food and Agriculture Research; Dates: 6/98-6/00; Amount: \$45,000 PI: Michael R. Ward.
- “Consumer Search and Product Differentiation in Long Distance Telecommunications,” Granting Agency: UIUC Research Board; Dates: 6/97-6/98; Amount: \$19,500, PI: Michael R. Ward.
- “Evaluating the Social Benefits and Market Potential for Health Characteristics of Soy-based Products,” Granting Agency: Illinois Council on Food and Agriculture Research Value-Added SRI; Dates: 6/96-9/97; Amount: \$33,000, PI: Laurian Unnevehr; Co-PI’s: Clare Hasler, Barbara Klein, Anne Villamil, Michael R. Ward
- “The ACELink Project; Phase 2, additional support,” Granting Agency: Vice President for Academic Affairs, UI; UI matching grants; Dates: 2/1/98 - 6/1/98, Amount: \$7,700, PI: Gerald Nelson; Co-PI’s: John Braden, Sara Douglas, Paul Ellinger, Vicki Fitzsimmons, Roberto Garcia, Hilda Lakner, Mike Mazzocco, Dave Lins, Bruce Sherrick, Wes Seitz, Laurian Unnevehr, Michael R. Ward
- “The ACELink Project; Phase 2,” Granting Agency: Vice President for Academic Affairs, UI; UI matching grants; Dates: 1/1/97 - 5/21/98, Amount: \$93,960, PI: Gerald Nelson; Co-PI’s: John Braden, Sara Douglas, Paul Ellinger, Vicki Fitzsimmons, Roberto Garcia, Hilda Lakner, Mike Mazzocco, Dave Lins, Bruce Sherrick, Wes Seitz, Laurian Unnevehr, Michael R. Ward

“The ACELink Project; Phase 1;” Granting Agency: Vice President for Academic Affairs, UI;
UI matching grants; Dates: 1/1/96 - 12/1/97, Amount: \$25,000, PI: Gerald Nelson; Co-
PI’s: John Braden, Sara Douglas, Paul Ellinger, Vicki Fitzsimmons, Roberto Garcia,
Hilda Lakner, Mike Mazzocco, Dave Lins, Bruce Sherrick, Wes Seitz, Laurian
Unnevehr, Michael R. Ward

AWARDS

College of Business Administration Research Grant Award, UTA, 2010
“Recognized Professor” by UT Arlington chapter of Phi Kappa Phi, 2009
College of Business Administration Special Recognition Research Award, UTA, 2006
College of Business Administration Research Grant Award, UTA, 2005
Earl M. and Mildred S. Hughes Teaching Enhancement Award in ACE, University of Illinois,
2001
Nominated for Outstanding Graduate Faculty Award, ACE Dept., 2001
Outstanding Club Advisor, Consumer Economics Club, University of Illinois, 1997
Passed University of Chicago Economics Core Examination with Distinction, 1986
Graduated *magna cum laude*, UCLA, 1983
Alumni Scholar, UCLA, 1980

TEACHING EXPERIENCE

Undergraduate

Consumer Economics
Economics for Managers
Economics and Regulation of Information
Intermediate Microeconomics
Internet Economics
Labor Economics

Graduate

Economics of Consumer Behavior
Discrete Choice Econometrics
Industrial Organization and Business Strategy
Labor Economics
Microeconomic Theory

Professional

MBA Human Resource Economics
MBA Managerial Economics
Executive MBA Managerial Economics

Theses Supervised

Twelve Masters Committees at UT Arlington (Chair on Seven)
Two Honors Theses at UT Arlington
Eight Doctoral Committees at UIUC (Chair or Director of Research on Four)

Four Masters Committees at UIUC (Chair on Three)

PROFESSIONAL SERVICE

Referee for:

Applied Economic Perspectives & Policy
Contemporary Economic Policy
Economic Inquiry
Forum for Health Economics and Policy
Information, Economics, and Policy
International Journal of the Economics of Business
International Regional Science Review
Journal of Business Research
Journal of Benefit-Cost Analysis
Journal of Computer-Mediated Communications
Journal of Econometrics
Journal of Economic Behavior and Organization
Journal of Economics and Management Sciences
Journal of Law and Economics
Journal of Marketing Theory
Journal of Marketing
Journal of Network Economics
Journal of Political Economy
Journal of Product and Brand Management
Journal of Regional Analysis and Policy
Journal of Regulatory Economics
Marketing Science
Research Policy
Review of Agricultural Economics
Review of Economics and Finance
Review of Economics and Statistics
Review of Industrial Economics
Southern Economic Journal
Telecommunications Policy.

Discussant at AEA, WEA, SEA, IIOC and numerous other conferences.

Grant Reviewer for the UK Economic and Social Research Council, 2008.

Grant Reviewer for the National Science Foundation, 2003.

Reviewer for International Conference on Information Systems (ICIS) 2003.

Reviewer for American Agricultural Economics Association (AAEA) Industrial Organization Session, 2002.

Reviewer for University of Illinois Urbana-Champaign (UIUC) Research Board, 2002

Reviewer for American Agricultural Economics Association (AAEA) Consumer Economics Session, 1998.

Grant Reviewer for the Illinois Council on Food and Agriculture Research, 1997.

Workshop Coordinator, UT Arlington, 2002-.

Seminar Coordinator, UIUC, 2000-2001.

Seminar Coordinator, FTC, 1991-1995.

Blogger, Managerial Economics <<http://managerialecon.blogspot.com/>>, 2009-

TESTIMONY BEFORE JUDICIAL BODIES

Testimony on behalf of Huffines Chrysler, Jeep, Dodge of Plano in regards the opening of a new automobile dealership, 2011.

Testimony on behalf of Blue Cross Blue Shield of Michigan, Blue Cross Blue Shield of Minnesota, Blue Cross Blue Shield of Massachusetts, Inc., & Excellus Health Plan, Inc. in regards generic drug competition, 2003.

Testimony on behalf of the Canadian Competition Bureau in regards the proposed merger between Superior Propane and ICG Propane before the Canadian Competition Tribunal, 1999-2000.

COMMENTS BEFORE REGULATORY BODIES

Testimony on behalf of the Central Waste Services in regards the proposed transfer station facility in Urbana, Illinois before the Urbana City Council, 2000-2001.

Reply Comment of the Staff of the Bureau of Economics of the Federal Trade Commission before the Federal Communications Commission in the matter of American Telephone and Telegraph Company Reclassification of AT&T as a Nondominant Carrier (CC Docket No. 79-252), June 30, 1995.

Reply Comment of the Staff of the Bureau of Economics of the Federal Trade Commission before the Federal Communications Commission in the matter of Revisions to Price Cap Rules for AT&T (CC Docket No. 93-197), October 25, 1993.

Comment of the Staff of the Bureau of Economics of the Federal Trade Commission before the Federal Communications Commission in the matter of Expanded Interconnection with Local Telephone Company Facilities (CC Docket No. 91-141), March 5, 1993 (with Richard Shin).

CONSULTING EXPERIENCE

Huffines Chrysler, Jeep, Dodge of Plano
Instituto de Pesquisa Econômica Aplicada (IPEA)

Qualcomm

Ranbaxy Pharmaceuticals v. FDA

MCI-Verizon

Chesky Mobile

Blue Cross Blue Shield of Michigan, Blue Cross Blue Shield of Minnesota, Blue Cross Blue Shield of Massachusetts, Inc., & Excellus Health Plan, Inc.

Eli Lilly & Co.

Central Waste Services of Urbana, IL

Canadian Competition Bureau

Federal Trade Commission

PRESENTATIONS

2011: UT Arlington Marketing Department Brownbag; Conference on Privatization and Liberalization at Stockholm Institute of Transition Economics and Södertörn University; The Third International Workshop on Social Network Analysis in Naples, Italy; The 9th Economics of Information and Communication Technologies at ZEW

2010: American Economics Association; “Mobile Impact: Developments in Wireless ~ Wireless for Development” at UC Berkeley; 8th International Industrial Organization Conference (IIOC) at U British Columbia; The 8th Economics of Information and Communication Technologies at ZEW, Instituto de Pesquisa Econômica Aplicada (IPEA) in Brasilia, Brazil; Conselho Administrativo de Defesa Econômica (CADE) in Brasilia, Brazil; “The Diffusion of ICT and its Impact on Productivity and Growth” in Parma, Italy

2009: Baylor U; UT Arlington; The 7th Economics of Information and Communication Technologies at ZEW; 4th Annual Conference of the European Policy for Intellectual Property (EPIP) Association at U. Bologna

2008: 33rd Association of Private Enterprise Education (APEE) Conference; 6th International Industrial Organization Conference (IIOC) at George Mason U.; The 6th Economics of Information and Communication Technologies at ZEW; Tilburg Law and Economics Center (TILEC), Tilburg U.

2007: U Kentucky; Conference on The Economics of Information and Communication Technologies at ENST; 5th International Industrial Organization Conference in Savannah, GA; UT Arlington

2006: ZEW Workshop on Internet Policy; 4th International Industrial Organization Conference at Northeastern U.; Pharmaceutical Economics Policy Council at MIT; American Economics Association; 19th Annual CRRI Western Conference

2005: UT Arlington; 18th Annual CRRI Western Conference

2004: Stanford University; London Business School; 4rd ZEW Conference on the Economics of Information and Communication Technologies; 29th Telecommunications Policy Research Conference; UT Arlington

2003: American Economics Association; UT Arlington

2002: 2nd ZEW Conference on the Economics of Information and Communication Technologies; UT Arlington; U. North Texas; Cal State University at Long Beach; U Illinois-UC; Rutgers Advanced Workshop in Public Utilities Economics and Regulation; 27th Telecommunications Policy Research Conference

2001: Western Economics Association Meetings; 3rd Colloque International sur les Usages et Services des Telecommunications at ENST

2000: USDA; Berlin Internet Economics Conference; Federal Trade Commission; 13th Annual CRRRI Western Conference

1999: Berlin Internet Economics Conference; International Communications Forecasting Conference; 24th Telecommunications Policy Research Conference

1998: University of Chicago; University of Missouri; Canadian Competition Bureau; Consortium for Telecommunications Policy Research Conference at U. Michigan.; 11th Annual CRRRI Western Conference

1997: 10th Annual CRRRI Western Conference

1996: Consortium for Telecommunications Policy Research Conference; University of Teeside; 21st Telecommunications Policy Research Conference; 9th Annual CRRRI Western Conference; Southern Economics Association Meetings

1995: University of Illinois at Urbana-Champaign; Cornell University; Loyola University of Chicago; Illinois Commerce Commission; Federal Communications Commission; 20th Telecommunications Policy Research Conference

1993: 19th Telecommunications Policy Research Conference; Rutgers Advanced Workshop in Public Utilities Economics and Regulation

1992: UCLA; Cato Institute; Department of Justice; Antitrust Division

1991: Southern Economics Association Meetings; US Census Bureau; Federal Trade Commission; U. Houston; U. Michigan