

## Curriculum Vita

### DAVID WATERMAN

Department of Telecommunications

Indiana University

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#### RESEARCH AND TEACHING FIELDS:

Economics of communications industries, especially the mass media. Public policy toward communications industries. Competitive strategies of communications firms. Economics of information. Industrial Organization.

#### EDUCATION

1979 Ph. D., Stanford University, Stanford, CA (Economics)  
1972 M.A., Stanford University, Stanford, CA (Economics).  
1969 B.A. University of Southern California, Los Angeles, CA (Economics)

#### EMPLOYMENT

2011 Visiting Fellow, Oxford Internet Institute, U. of Oxford, UK (Jan-June)  
2002- Professor, Dept. of Telecommunications, Indiana University, Bloomington  
1993-02 Associate Professor, Dept. of Telecommunications, Indiana University, Bloomington  
1987-93 Assistant Professor, Annenberg School for Communication, University of Southern California (also appointed in Dept. of Economics); Adjunct Professor, Annenberg School and Economics Dept, Fall 1992-Spring, 1993, Annenberg School, Summer 1994.  
1985-87 Visiting Assistant Professor, USC (Joint appointment, Annenberg School and Department of Economics)  
1981-85 Senior Lecturer, Economics Department, USC; Adjunct Professor, Annenberg School, 1984-85  
1979-85 Principal, Waterman & Associates: a private consulting firm providing economic, policy, and marketing research services to the communications industry and federal government clients.  
1975-78 Research Economist, Research Division, National Endowment for the Arts, Washington, D.C.; Developed and administered economic research projects about arts institutions.  
1970-75 Research and teaching assistantships, Economics Dept., Stanford University.

## COURSES TAUGHT

Graduate: Economics of Communications Industries; Economics of Information; Business Strategies of Communications Firms; Proseminar in Telecommunications Research

Undergraduate: Law and Regulation of Common Carriers; Cable/Broadband Communications; Economics of Communications; Economics of the Mass Media; Business Applications in Telecommunications; Honors Seminar in Industry and Management.

## ACADEMIC AWARDS

*Annual Robert Picard Award for the Best Published Work in Media Management and Economics* (Association for Education in Journalism and Mass Communication), 2000  
*Dean's Award for Teaching Excellence*, College of Arts and Sciences, Indiana University, 1997

*Annual Donald McGannon Communication Policy Research Award*, 1988.

Magna Cum Laude (USC, 1969)

Phi Beta Kappa (USC, 1969)

Woodrow Wilson Fellow (1969-70)

## PUBLICATIONS

### Books

Waterman, D. (2005), *Hollywood's Road to Riches* (Harvard University Press).

MacKie-Mason, J., and D. Waterman (eds.) (1998), *Telephony, the Internet, and the Media: Selected Papers from the 1997 Telecommunications Policy Research Conference* (Lawrence Erlbaum Associates)

Waterman, D. and A. Weiss (1997), *Vertical Integration in Cable Television* (MIT Press and AEI Press)

Rosston, G., and D. Waterman (eds.) (1997), *Interconnection and the Internet: Selected Papers from the 1996 Telecommunications Policy Research Conference* (Lawrence Erlbaum Associates).

### Published articles/chapters

Waterman, D., and S. Choi (2011), "Nondiscrimination Rules for ISPs and Vertical Integration: Lessons for Cable Television, *Telecommunications Policy*, Vol. 35, pp. 970-983.

Waterman, D., and A. Weiss (2010), "Time Consistency and Seller Commitment in Inter-temporal Movie Distribution: An Empirical Study of the Video Window," *Journal of Industrial Economics*, Vol. 58, No 3, September.

- Waterman, D. and S. Han (2010), "Broadcasters vs. MVPDs: Economic effects of digital transition on television program supply," *Info: The Journal of Policy, Regulation, and Strategy for Telecommunications*, Vol. 12, No. 4.
- Waterman, D. with S. Han, and S. W. Ji (2009), "Old Media vs. the Internet", in *From Asia and Beyond, Proceedings of the 7<sup>th</sup> Annual Media Forum and the 2<sup>nd</sup> Asia City Forum*, pp. 23-41.
- Jayakar, K., and D. Waterman (2008), "Hollywood and the Italian Film Industry," in Janet Wasko and Paul MacDonald (eds.) *The Contemporary American Film Industry*, (Lawrence Erlbaum Associates).
- Waterman, D., S. W. Ji, and L. R. Rochet (2007), "Enforcement and Control of Piracy, Copying, and Sharing in the Movie Industry," *Review of Industrial Organization* (Special Issue on the movie industry), Vol. 30, No. 4.
- Waterman, D. (2007), "The Effects of Technological Change on the Quality and Variety of Information Products," *Economics of Innovation and New Technology*, Vol. 16, No. 8.
- Chen, D., and D. Waterman (2007), "Vertical Ownership, Program Network Carriage and Tier Positioning in Cable Television: An Empirical Study," *Review of Industrial Organization*, Vol. 30, No. 3.
- Lee, S-W, and D. Waterman (2007), "Theatrical Feature Film Trade in the United States, Europe, and Japan since the 1950s: An Empirical Study of the Home Market Effect," *Journal of Media Economics*. Vol. 20, No. 3
- Waterman, D (2005), "Economics of Media Programming," Chapter 18 in A. Albarran, S. Chan-Olmsted, and M. Wirth *Handbook of Media Management & Economics*, Lawrence Erlbaum Associates.
- Waterman, D. (2004), "Business Models and Program Content," Ch. 5 in E. Noam, J. Groebel, and D. Gerbarg (ed.), *Internet Television* (Lawrence Erlbaum Associates).
- Waterman, D. (2003), "Economic Explanations of American Media Trade Dominance: Contest or Contribution?" *Journal of Media Economics & Culture*, Vol. 1, No. 1.
- Waterman, D. (2001), "The Economics of Internet Television," *Info: The Journal of Policy Regulation, and Strategy for telecommunications, Information, and the Media*, Vol. 3, No. 3, pp. 215-229.
- Waterman, D., and K. Jayakar (2000), "The Competitive Balance of the Italian and American Film Industries," *European Journal of Communication*, Vol. 15, No. 4, pp. 501-528.
- Waterman, D. (2000), "CBS-Viacom and the Effects of Media Mergers: An Economic Perspective," *Federal Communications Law Journal*, Vol. 52, No. 3, pp. 531-550.
- Waterman, D. and K. Jayakar (1999), "Da che parte pende la bilancia della competizione fra l'industria cinematografica italiana e quella statunitense?," *L'Industria*, Vol. 20, No. 3, September, pp. 393-415. ("How will the Competitive Balance between the Italian and American Film Industries Evolve?")
- Waterman, D., and Z. Yan, (1999) "Cable Television Advertising and the Future of Basic Cable Networking," *Journal of Broadcasting and Electronic Media*, Fall, p. 645-658. (Winner of the 2000 Robert Picard Award for the Best Published Work in Media Management and Economics.)
- Waterman, D. (1998), "Digital Television and Program Pricing," *Prometheus*, Vol. 16, June, pp. 185-195.
- Waterman, D. (1998), "Digital Television and Program Pricing," Ch.11 in D. Garberg (ed.), *The Economics, Technology and Content of Digital TV* (Kluwer), pp.181-196. (revised

- version)
- Dupagne, M. and D. Waterman (1998), "Determinants of U.S. Television Fiction Imports in Western Europe," *Journal of Broadcasting and Electronic Media*, Vol. 42, pp. 208-220. (Also "Authors' Response to Professor Meyer," (2000), Vol. 44, No. 4, pp. 734-736.
- Waterman, D. (1996), "Local Monopsony and Free Riding," *Information Economics & Policy*, Vol. 8, No. 4, pp. 337-355.
- Waterman, D. and A. Weiss (1996), "The Effects of Vertical Integration between Cable Television Systems and Pay Cable Networks," *Journal of Econometrics*, Vol. 72, pp. 357-395.
- Waterman, D. (1995), "Vertical Integration and Program Access in the Cable Television Industry," *Federal Communications Law Journal*, April, pp. 511-534.
- Waterman, D. (1995), "The Economic Effects of Privatization and New Technology: What Can Be Learned from the American Experience?," in Korean Society for Journalism and Communication Studies and SBS Foundation (eds.) (1995), *The Future of Broadcasting: Policies, Programming and Management* (Seoul, Korea:).
- Waterman, D. and E. Rogers (1994), "The Economics of Television Program Production and Trade in Far East Asia," *Journal of Communication*, Vol. 44, No. 3, Summer, 1994, pp. 89-111.
- Waterman, D. (1993), "World Television Trade: The Economic Effects of Privatization and New Technology" (revised and expanded), in Eli Noam & Joel Millonzi (eds.), *The International Market in Film and Television Programs* (Ablex), pp. 59-81.
- Waterman, D. (1993), "A Model of Vertical Integration and Economies of Scale in Information Product Distribution," *Journal of Media Economics*, Vol. 6, Fall, pp. 23-35.
- Waterman, D. (1992), "Diversity and Quality of Information Products in a Monopolistically Competitive Industry," *Information Economics and Policy*; Vol. 4, No. 4, pp. 291-303.
- Waterman, D. (1992), "'Narrowcasting' and 'Broadcasting' on Non-broadcast Media: A Program Choice Model," *Communication Research*, Vol. 19, No.1; pp. 3-28.
- Waterman, D., R. Schechter, & N. Contractor (1991), "Overcoming Barriers to the Live Arts; Can the Media Compensate?," *Journal of Cultural Economics*; Vol. 15, No.2, pp. 19-40.
- Waterman, D. (1991), "A New Look at Media Chains and Groups: 1977-1989," *Journal of Broadcasting and Electronic Media*, Vol. 35, No. 2, , pp. 167-178.
- Waterman, D., & A. Grant (1991), "Cable Television as an Aftermarket," *Journal of Broadcasting and Electronic Media*, Vol. 35, No. 2, Spring, pp. 179-188.
- Waterman, D. (1989), "Les programmes culturels sur le câble: l'expérience américaine," ("Cultural Programming on Cable Television: The American Experience.") in *Économie et Culture* (Paris: La Documentation Française). Vol III, pp. 133-142.
- Waterman D. (1988), "World Television Trade: The Economic Effects of Privatization and New Technology," *Telecommunications Policy*, Vol. 12, No. 2, pp. 141-151. (Winner, 1988 *Donald McGannon Communication Policy Research Award*.)
- Glass, A.L. & D. Waterman (1988), "Predictions of Movie Entertainment Value and the Representativeness Heuristic," *Applied Cognitive Psychology*, Vol. 2, pp. 173-179.

- Waterman, D. (1987), "Electronic Media and the Economics of the First Sale Doctrine", in R. Thorne, and J.D. Viera (eds.), *Handbook of Entertainment, Publishing and the Arts*, (New York: Clark Boardman & Co., Ltd), Annual, pp. 3-13.
- Waterman, D. (1986), "The Failure of Cultural Programming on Cable Television: An Economic Interpretation," *Journal of Communication*, Vol. 36, No. 3, Summer, pp. 92-107.
- Waterman, D. (1986), "Public Broadcasting and the Pay Media," in J. Miller, ed., *Telecommunication and Equity: Policy Research Issues* (Proceedings of the 13th Annual Airlie House Conference), Elsevier/North Holland, pp. 299-308.
- Waterman, D. (1985), "Prerecorded Home Video and the Distribution of Theatrical Feature Films," in E. Noam, (ed.), *Video Media Competition: Regulation, Economics and Technology* (Columbia University Press), pp. 221-243.
- Waterman, D. (1982), "The Structural Development of the Motion Picture Industry," *The American Economist*, Spring, pp. 17-27.

### Book/Peer Reviews

- Waterman, D. (2007), Peer Review of *Vertical Integration and the Market for Broadcast and Cable Television Programming*, by Austan Goolsbee (Federal Communications Commission Study 9 from Docket 06-121; Media Ownership) [http://www.fcc.gov/mb/peer\\_review/prstudy9.pdf](http://www.fcc.gov/mb/peer_review/prstudy9.pdf)
- Waterman, D. (2003), *Understanding Media Economics*, by Gillian Doyle, *Journal of Media Economics*, forthcoming.
- Waterman, D. (1994), *Video Economics*, by B. Owen and S. Wildman, *Journal of Communication*, Vol. 44, No. 2, Spring.
- Waterman, D. (1993), *Ratings Analysis*, by J. Webster and L. Lichty, *Journal of Broadcasting and Electronic Media*, Vol. 37, No. 2, pp. 243-246.
- Waterman, D. (1990), "Do Viewers Care?" Review of *Television and Its Audience* by P. Barwise & A. Ehrenberg, *Journal of Communication*, Vol. 40, No. 1, pp. 148-149.

### RESEARCH REPORTS

- Waterman, D., *Vertical Integration in Cable Television*, American Enterprise Institute, September, 1993.
- Waterman, D., Schechter, R., and Contractor, N.S., *Public Participation in the Arts via the Media*, National Endowment for the Arts, September, 1987.
- Dordick, H. & Waterman, D., *Arts and Cultural Programming on Cable Television: Past Experience and Future Prospects*, Corporation for Public Broadcasting, 1984.
- Waterman, D., *Economic Essays on the Theatrical Motion Picture Industry*, Stanford Studies in Industry Economics, No.101, Dept. of Economics, 1979 (doctoral dissertation, directed by James N. Rosse).
- Waterman, D., *An Economic Data Series for Arts and Cultural Institutions*, National Endowment for the Arts, 1977.

## COMPETITIVE CONFERENCE PAPERS

- Waterman, D. and S. W. Ji, "Online v. Offline: Are the media shrinking?" 39<sup>th</sup> Annual TPRC, Arlington, VA, Sept. 23-25, 2011.
- Waterman, D. and S. Choi (2010), "Network neutrality and vertical control: Lessons from cable Television," 38<sup>th</sup> Annual TPRC, Arlington, VA, Oct., 2010
- Waterman, D. and S. Han (2009), "Broadcasters vs. MVPDs: Economic effects of digital transition on television program supply," Paper prepared for presentation to the TPRC, Arlington, VA, Sept.25-27, 2009
- Wang, X., and D. Waterman (2008), "Market Size, Preference Externalities, and the Availability of Foreign Language Radio Programming in the U.S.," International Industrial Organization Conference, 6<sup>th</sup> Annual International Industrial Organization Conference, May 16-18, 2008, Washington, D.C.
- Waterman, D., S. W. Ji, and L. R. Rochet (2007), "Enforcement and Control of Piracy, Copying, and Sharing in the Movie Industry," 35<sup>th</sup> Annual TPRC Conference, Sept.-Oct, Washington, D.C.
- Waterman, D., A. Weiss, and S-C Lee (2007), "Time Consistency and Seller Commitment in Inter-temporal Movie Distribution: An Empirical Study of the Video Window," Intl. Industrial Organization Conference, Savannah, GA, May.
- Chen, D. and D. Waterman (2006), "Vertical Ownership in Cable Television: A New Study of Program Network Carriage and Positioning," 34<sup>th</sup> Annual TPRC Conference, Sept. 29-Oct. 1, 2006, Washington, D.C.
- Wang, X., and D. Waterman (2006), "The Economics of Foreign Language Media in the United States: An Empirical Study of Radio Markets, 34<sup>th</sup> Annual TPRC Conference, Sept. 29-Oct. 1, 2006, Washington, D.C.
- Chen, D. and D. Waterman (2006), Vertical Foreclosure in the U.S. Cable Television Market: An Empirical Study of Program Network Carriage and Positioning, presented at the Intl Industrial Organization Conference, April, Boston.
- Lu, Weiting, D. Waterman, and M.Z. Yan (2005), "Changing Markets, New Technology, and Violent Content: An Economic Study of Motion Picture Genre Trends," 33<sup>rd</sup> annual TPRC conference, Washington, D.C., September 23-25.
- Waterman, D (2004), "The Political Economy of Audio-Visual Copyright Enforcement," 32<sup>nd</sup> annual TPRC Conference, Washington, D.C., October 1-3, 2004.
- Waterman, D. (2004), "The Effects of Technological Change on the Quality and Variety of Information Products, Intl. Industrial Organization Conference, Chicago, April 23-24.
- Waterman, D. (2003), "The Effects of Technological Change on the Quality and Variety of Information Products," Paper presented to the 31<sup>st</sup> Annual TPRC Conference, Washington, D.C., September
- Waterman, D. and S.C. Lee (2003), "Time Consistency in the Distribution of Theatrical Films: An Empirical Study of the Video Window," presented at the Econometric Society Annual Winter Meeting (American Economic Association), Washington, D.C., January 3-5, 2003 (revised December 17, 2002).
- Waterman, D. and S.C. Lee (2002), "Time Consistency and the Distribution of Theatrical Films: An Empirical Analysis of the Video Window, TPRC 30<sup>th</sup> Annual Conference, Washington, D.C., September 28-30 (revised August, 2002).

- Waterman, D., and S.W. Lee (2002), "Theatrical Feature Film Trade and Media Policies in the United States, Europe and Japan since the 1950s," International Communications Association Annual Convention, Seoul, Korea, July (revised March, 2002)..
- Waterman, D. and S.C. Lee (2002), "Time Consistency in Movie Distribution," International Communications Association Annual Convention, Seoul, Korea, July.
- Waterman, D. (2001), Internet TV: Business Models and Program Content," 29<sup>th</sup> Annual Telecommunications Policy Research Conference, Washington, D.C., October.
- Waterman, D. (2001), "The Economics of Internet TV: New Niches or More for the Masses?," International Communications Association Annual Convention, Washington, D.C., May 24-28.
- Waterman, D. and K. Jayakar (2000), "The Competitive Balance of the Italian and American Film Industries," 28<sup>th</sup> Annual Telecommunications Policy Research Conference, Washington, D.C., Sept. 24-26.
- Waterman, D. and K. Jayakar (1999), "The Economics of American Movie Exports: An Empirical Analysis," Association for Education in Journalism and Mass Communications Annual Conference, New Orleans, August
- Jayakar, K. and D. Waterman (1998), "The Economics of American Movie Exports: An Empirical Analysis," 26<sup>th</sup> Annual Telecommunications Policy Research Conference, October.
- Waterman, D. and Z. Yan (1997), "Cable Advertising and the Future of Basic Cable Networking," Penetration and CPMs," International Communications Association Annual Conference, Montreal, June.
- Dupagne, M. and D. Waterman (1997), "The Economics of U.S. Fiction Imports in Western Europe," International Communications Association Annual Conference, Montreal, June.
- Waterman, D. and Z. Yan (1997), "Cable Advertising and the Future of Basic Cable Networking," 25<sup>th</sup> Annual Telecommunications Policy Research Conference, Washington, DC, October.
- Waterman, D. (1996), "Monopsony in Information Industries," International Telecommunications Society European Regional Workshop, Vienna, Austria, September 4-6.
- Waterman, D. (1996), "Local Monopsony and Free Riders," Annual EARIE conference on industrial organization economics, Vienna, Austria, Sept. 7-10.
- Waterman, D. (1996), "Local Monopsony and Free Riding," Annual Consortium for Research in Telecommunications Policy, Northwestern University, May 10-11.
- Waterman, D. (1995), "Local Monopsony, Free Riding, and Antitrust Policy," Annual Conference of the American Law and Economics Association," University of California at Berkeley, Berkeley, CA, May 13-14.
- Waterman, D. (1995), "Vertical Integration and Program Access in the Cable Television Industry," International Communications Association Annual Conference, May 25-29.
- Waterman, D. and A. Weiss (1994), "Program Access, Vertical Integration, and the 1992 Cable Television Act," 22<sup>nd</sup> Annual Telecommunications Policy Research Conference, Solomon's Island, MD, October 1-3.
- Waterman, D. (1992), "Some Consequences of Vertical Ownership Relationships Between Information Suppliers and Information Retailers," International Communication Association Annual Convention, Miami, May.
- Waterman, D. (1991), "Television Program Trade in Ten Asian Countries: Does U.S. Fare Dominate?" International Communication Association Annual Convention, Chicago, May.

- Waterman, D. (1990), "The Effects of Vertical Integration of Cable Television Systems with Pay Cable Networks: Viacom and Time, Inc. in 1988-89," International Communication Association Annual Convention, Dublin, Ireland, June 24-29.
- Waterman, D. (1990), "Multiple Cable Television System Operators and Monopsony Power," 18<sup>th</sup> Annual Telecommunications Policy Research Conference, Airlie House, Airlie, Virginia, October 1-3.
- Waterman, D. (1989), "A New Look at Media Chains, 1977-87," International Communication Association Annual Convention, San Francisco, California, May.
- Waterman, D., Weiss, A., & Valente, T. (1989), "Vertical Integration in Cable TV: An Empirical Analysis," 17<sup>th</sup> Annual Telecommunications Policy Research Conference, Airlie House, Airlie, Virginia, Oct. 1-3.
- Blumler, J.G., in collaboration with D. Waterman & C. M. Spicer (1989), "New Television Industry Developments in the United States: Some Policy Implications," 17<sup>th</sup> Annual Telecommunications Policy Research Conference, Airlie House, Airlie, Virginia, October 1-3.
- Waterman, D (1988)"Public Participation in the Arts" (with Russell Schechter and Noshir Contractor), International Communication Association Annual Convention, New Orleans, Louisiana, May.
- Waterman, D. (1988)"Narrowcasting' on Cable Television: A Program Choice Model," 16<sup>th</sup> Annual Telecommunication Policy Research Conference, Airlie House, Airlie, Virginia, October 30-November.
- Waterman, D. (1987), "Electronic Media and the First Sale Doctrine of the Copyright Act," International Communications Association Annual Convention, Montreal, Canada, May.
- Waterman, D. & Grant, A. (1987), "Narrowcasting on Cable Television: An Economic Assessment of Programming and Audiences," International Communication Association Annual Convention, Toronto, Canada, May.
- Waterman, D. (1986), "Narrowcasting on Cable Television: A Preliminary Assessment," 14<sup>th</sup> Annual Telecommunications Policy Research Conference, Airlie House, Airlie, Virginia, April 27-30.
- Waterman, D. (1986), "Arts and Cultural Programming on Non-Broadcast Television: Lessons from the U.S. Experience," Fourth International Conference on Cultural Economics and Planning, Avignon, France, May 12-14.
- Waterman, D. (1985), "Public Television and the Pay Media," 13<sup>th</sup> Annual Telecommunications Policy Research Conference, Airlie House, Airlie, Virginia, April 21-24.

## **INVITED PAPERS/PRESENTATIONS**

- Waterman, D. (2011), "Digital Media Transition in the U.S.," Presentation to the Expert's Conference on the Economics of the Media and Content Industry, IPTS, European Commission; Sevilla, Spain, May 30-31, 2011.
- Waterman, D. (2011), "Technology and the U.S. Movie Industry," Presentation to the Expert's Conference on the Economics of the Media and Content Industry, IPTS, European Commission; Sevilla, Spain, May 30-31, 2011.
- Waterman, D. (2011), "Online v. Offline Media," Presentation to the EuroCPR 2011 Annual Conference, Ghent, Belgium, March 27-29, 2011.

- Waterman, D. (2011), "Digital Transition in the United States," Presentation to the International Expert's Workshop: Evidence about Changing Industries in the Digital Economy, IPTS, European Commission; Brussels, Belgium, March 25, 2011.
- Waterman, D. (2010), "The experience of vertical control in cable television: Implications for network neutrality," Presentation at the Federal Communications Commission, Washington, D.C., February 25, 2010.
- Waterman, D. (2009), "Old Media vs. the Internet," Presentation to the 7<sup>th</sup> Annual Asian Media and Communications Forum and Asian City Forum, Changchun, Jilin, China, August 16<sup>th</sup>.
- Waterman, D. (2009), "Time Consistency and Seller Commitment in Inter-temporal Movie Distribution: An Empirical Study of the Video Window," Paper presented at the Innovation & Regulation Chair's Conference; Producers and distributors: Can regulation of retail help for better regulation of the Internet?, Telecom Paris Tech, Paris, France, Feb. 2.
- Waterman, D. (2008) "Economic Effects of Digital Transition on the Entertainment Industry," Columbia Institute for Tele-Information Conference on Economics of the Digital TV Transition, Columbia University, Dec. 12, 2008.
- Waterman, D. (2008), "Prospects for a Virtual Video Store on GENI," Paper presented at the GENI-Web Workshop on End-User Opt-In, Cambridge, MA, July 22, 2008.
- Lu, Weiting, D. Waterman, and M.Z. Yan (2006), "Changing Markets, New Technology, and Violent Content: An Economic Study of Motion Picture Genre Trends," 8th Annual Business and Economics Scholars Workshop in Motion Picture Industry Studies, The DeSantis Center, Florida Atlantic University, November 10-11.
- Waterman, D (2005), "Regulation and Digital Cable Development in the U.S.A., International Telecommunications Society Workshop on Digital Cable Television, Berlin, Germany, February 4.
- Waterman, D., (2004) "The Effects of Technological Change on the Quality and Variety of Information Products," NBER All Universities Conference on the Economics of the Information Economy, Cambridge, MA, May 7-8.
- Waterman, D. (2000) "Economic Models for Internet Television Content Providers," "Television over the Internet" Conferences, Columbia Institute for Tele-Information (CITI): (1) Columbia University, New York, November 10, and (2) Düsseldorf, Germany, December 8.
- Waterman, D (1997) "Digital Television and Program Pricing," Conference on the Future of Digital Television, Columbia Institute for Tele-Information (CITI), Columbia University, November 11.
- Waterman, D. (1995), "Economic Effects of Privatization and New Video Technology: What Can be Learned from the American Experience?," Future of Broadcasting Policies, Programming, and Management International Symposium, Seoul, Korea, October 10-11.
- Waterman, D (1991), "Some Economic Effects of New Video Technology Diffusion in the U.S." First Conference of TV Studies in the Republic of China, Taipei, Taiwan, March 9-10.
- Waterman, D. (1987), "World Television Menus: The Economic Effects of Privatization and New Technology," Conference on the International Market in Film and Television Products, Sponsored by the Columbia University Graduate School of Business, New York, October 23.

- Waterman, D. (1988), "Television Import Quotas and Regulatory Constraints," Trans-Atlantic Cooperation in Television Broadcasting: Investment, Production, and Distribution, a Conference sponsored by the Council for Italy and the U.S. in Rome, Italy, March 14-15. (Also presented to officials of the RAI in Rome, March 16, and at the University of Florence, March 17, with sponsorship of the USIA.
- Waterman, D. (1985), "Electronic Media and the First Sale Doctrine of the Copyright Act," The MIT Communications Forum, The Bartos Theater, Massachusetts Institute of Technology, Cambridge, Mass., November 21.
- Waterman, D. (1984), "Videocassettes, Videodiscs and the Distribution of Theatrical Feature Films," Arden House Conference on Video Media Rivalry, Sponsored by Columbia University Graduate School of Business, Harriman, New York, April 13-15.
- Waterman, D. (1980), "The Structural Development of the Motion Picture Industry," American Economic Association Annual Convention, December

### **OTHER INVITED PRESENTATIONS** (selected)

Northwestern University, University of Oxford, Federal Communications Commission, Rice University, Yonsei University, Yale University, Los Angeles County Bar Association, U.S. Department of Justice, American Enterprise Institute, Pennsylvania State University, Princeton University, Deutsches Institut Fur Wirtschaftsforschung (Berlin), University of Brighton (UK).

### **RESEARCH IN PROGRESS**

- The economic effects on online media: Are the media shrinking? (with Sung Wook Ji)  
 Electronic vs. print resources in college level courses: economic and learning effects (with Sung Wook Ji and Sherri Michaels)
- Production Technology and Trends in Movie Content: An empirical Study, with Sung Wook Ji.
- The economic limits to minority and other niche programming on cable television (with Haizhen Lin)

### **RESEARCH FUNDING**

- Office of Vice Provost for Research, Grant-in-Aid; Indiana University, 2009 (\$2395)
- Research and University Graduate School Grants-in-Aid: Indiana University; 1996 (\$2500), 1998 (\$1740); 2001 (\$500).
- Research and University Graduate School Summer Faculty Fellowships, Indiana University: 1994 (\$5000), 1997 (\$6000)
- American Enterprise Institute, "Vertical Integration in Cable Television," 1992 (\$10,000)
- Corporation for Public Broadcasting, "Arts and Cultural Programming on Cable Television," 1987 (with Herb Dordick) (\$60,000)
- National Endowment for the Arts: "Public Participation in the Arts," 1986 (\$7900)

## CONGRESSIONAL TESTIMONY/EXPERT PANELS

“Symposium on a la carte and themed programming and pricing options for programming distribution on cable television and direct broadcast satellite systems,” Panelist, Federal Communications Commission, July 29, 2004.

“The Viacom-CBS merger” Invited Testimony before the Senate Judiciary Committee, Antitrust Subcommittee, Washington D.C. October 28, 1999.

“Telecommunications: The Changing Status of Competition to Cable Television,” U.S. General Accounting Office Expert Panel in support of the GAO’s July, 1999 report to the Subcommittee on Antitrust, Judiciary Committee, U.S. Senate. Washington, D.C., January 14, 1999.

"Markets, regulation, and telecommunications policy for the next 20 years," a one-day conference at The Annenberg School for Communications, Public Policy Center, Annenberg School, U. of Pennsylvania, Philadelphia, October 27, 1995.

## SERVICE

### Indiana University

Elected Member, Bloomington Faculty Council (2005-2009); Bloomington Campus Budgetary Affairs Committee (2008-2010); College of Arts and Sciences Faculty Promotion Committee (2004-05; 2006-07); Dept. of Telecommunications: Director of Graduate Studies (2000-01); Member: Personnel Committee (2002-03); Graduate Committee (1993-01, 04-06, 07-10); Merit Review Committee (2006-07, 2011-12); various faculty search committees. University Library Committee (2006-2008); Transportation and Parking Advisory Committee (2000-01); Cable Television Subcommittee, Campus Telecommunications Committee (1994-97); Fringe Benefit Committee (2005-2006).

### University of Southern California, Annenberg School for Communication

Member: Masters Admissions Committee (1987-1993); Masters Comprehensive Exam Committee (periodic, 1987-1994); Faculty Search Committees.

### Professional/Editorial Positions

Coordinating Editor (Editor-in-chief), *Information Economics and Policy*, Jan. 2008-Dec. 2010.

Principal Editor, *Information Economics and Policy*, 2004-2007

Member, Bd. of Directors, Telecommunications Policy Research Conference (TPRC): 1996-99

Chair, TPRC Conference Organizing Committee, 1996 conference

Member, TPRC Conference Organizing Committee, 1994 and 1995 conferences.

Member, Programme Committee, International Telecommunications Society (ITS) Annual European Conference; 1995, 1996, 1997 conferences

### Editorial boards

*Journal of Communication* (1992-97; 2008-current); *Journal of Media Economics* (1990-current)

## Conference and Award Reviewing Service

Judge for Robert Picard Award for the Best Economics & Management paper; TPRC Student paper contests: Donald J. McGannon Award for Communications Policy Research; Reviewer for AEJMC (Media Economics & Management Division), ICA (Communications Law and Policy Division), ITS European Conference.

## Ad Hoc Refereeing Service

**Journals:** *Asian Communication Research, Communications Law & Policy, Communication Research, Communications Yearbook, Economic Inquiry, Economics of Innovation and New Technology, Information Economics & Policy* (also guest reviewer for a special issue), *The Information Society, International Journal of Industrial Organization, International Journal of Media Management, Journal of Broadcasting & Electronic Media, Journal of Communication, Journal of Computer-Mediated Communications, Journal of Economic Behavior & Organization, Journal of Economics & Management Strategy, Journal of Industrial Economics, Journal of Media Economics, Journal of Network Economics, Journal of Political Economy, Journal of Regulatory Economics, Management Science, Popular Communications, Prometheus, Review of Economics & Statistics, Review of Industrial Organization, Southern Economic Journal, Telecommunications Policy. **Books:** Harvard University Press; **Proposed books:** Columbia University Press, Lawrence Erlbaum Associates, Morgan Kaufman Publishers, Inc; Ashgate Publishing. **Research proposals:** National Science Foundation, National Endowment for the Arts, Social Science Research Council (United Kingdom).*

**Professional Memberships:** International Communications Association, American Economic Association; International Industrial Organization Society

## Consulting

Clients include: Arnold & Porter; Davis & Polk; U.S. Federal Trade Commission; Kirkland & Ellis; McKinsey & Co; National Endowment for the Arts; Simpson, Thatcher, & Bartlett; U.S. Dept. of Justice; Wilmer, Cutler, & Pickering; Competition Bureau, Industry Canada.