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Dr. Chipty is an expert in industrial organization, antitrust economics, and econometrics. Her practice spans both the areas of antitrust litigation and mergers and acquisitions, in a broad array of sectors including: agricultural equipment; airlines; broadcast and satellite radio; cable and satellite television; containerized shipping; healthcare; newspapers; pharmaceuticals; pulp and paper; and tobacco. Her work has been influential both internationally and domestically. She has assisted the U.S. Department of Justice on several investigations and merger reviews. She has assisted the Government of Australia at the World Trade Organization in a dispute surrounding Australia's national tobacco control policy. She was Comcast's antitrust damages expert in *Behrend et al. vs. Comcast* – a U.S. Supreme Court case in which the Court dismissed the case against Comcast because of deficiencies in the plaintiffs' damages model. On behalf of the parties, she studied the competitive effects of the CenturyLink-Level 3 merger and the Charter-Time Warner Cable merger, both of which received approvals from the U.S. Department of Justice and the Federal Communications Commission. She serves as an antitrust advisor to the Massachusetts Health Policy Commission, for whom she has evaluated the competitive effects of healthcare transactions in the Commonwealth, including Partners Healthcare's attempted acquisition of South Shore Hospital and Hallmark Health. Dr. Chipty has submitted testimony, been deposed, and testified at trial in several litigation matters. She has appeared before the Federal Trade Commission, the Department of Justice, the World Trade Organization, the Canadian Mergers Bureau, the U.S. Copyright Board, and the Canadian Copyright Board. She is co-editor of the current edition of the American Bar Association's book *Proving Antitrust Damages*. She has published research on the strategic use of vertical integration, the role of firm size and network effects on bilateral business negotiations, and the effects of regulations on firm behavior.

Prior to founding Matrix Economics, Dr. Chipty was a Managing Principal at Analysis Group, and before that a Vice President at Charles River Associates. She has served on the faculties of the Ohio State University, Brandeis University, and MIT, where she taught courses in antitrust and regulation, industrial organization, and econometrics. Dr. Chipty received her Ph.D. in economics from the Massachusetts Institute of Technology and her undergraduate degree in economics and mathematics from Wellesley College.

EDUCATION

- Ph.D. Economics, Massachusetts Institute of Technology
- B.A. Mathematics and Economics, with honors, Wellesley College

PROFESSIONAL EXPERIENCE

- 2016 – Matrix Economics, LLC
Founder and Managing Principal
- 2010 – 2016 Analysis Group, Inc.
Managing Principal (2010-2016)
- 1999 – 2010 Charles River Associates, Inc.
Vice President (2005-2010)
- 2005 Massachusetts Institute of Technology
Visiting Associate Professor of Economics
- 1997 – 1999 Brandeis University, Graduate School of International Economics and Finance
Visiting Assistant Professor of Economics
- 1995 Osaka University
Visiting Foreign Scholar
- 1993 – 1999 Ohio State University
Assistant Professor of Economics

TESTIMONY EXPERIENCE

- *Federal Trade Commission vs. Qualcomm Incorporated*, Case No. 17-CV-00220-LHK, in United States District Court for the Northern District of California. On behalf of Qualcomm, submitted an expert report on June 28, 2018; testified at deposition on August 10, 2018; and testified at trial on January 22, 2019. Cravath Swaine and Moore (Gary Bornstein and Yonatan Even).
- *In Re: Qualcomm Antitrust Litigation*, Case No. 17-MD-02773-LHK, in United States District Court for the Northern District of California. On behalf of Qualcomm, submitted an expert report on November 16, 2018 and testified at deposition on December 18, 2018. Kecker, Van Nest & Peters LLP (Eugene Paige and Justina Sessions).
- *Djeneba Sidebe et al. v. Sutter Health*, Case No. 3: 12-cv-4854-LB, in United States District Court for the Northern District of California. On behalf of the Djeneba Sidebe *et al.*, submitted expert reports on May 26, 2018, June 22, 2018, and November 26, 2018; and testified at depositions on August 15, 2018, August 16, 2018, and December 20, 2018. Constantine Cannon (Matthew Cantor).
- *In Re: Qualcomm Litigation*, Case No. 17-cv-00108-GPC-MDD, in United States District Court for the Southern District of California. On behalf of Qualcomm, submitted expert reports on June 29, 2018 and October 2, 2018; and testified at deposition on October 10, 2018. Cravath Swaine and Moore (Gary Bornstein and Yonatan Even).
- *United States of America and the State of North Carolina vs. The Charlotte-Mecklenburg Hospital Authority, d/b/a Carolinas Healthcare System*, in the Western District of North Carolina, Charlotte Division, Case No. 3:16-cv-00311-RJC-DCK. On behalf of the United

States of America, submitted an expert report on August 10, 2018. U.S. Department of Justice (Andy Ewalt and Beth Armington).

- *United States of America v. Deere & Company, Precision Planting LLC, and Monsanto Company*, Civil Action No. 1:16-cv-08515, in the United States District Court for the Northern District of Illinois Eastern Division. On behalf of the United States, submitted expert reports on December 23, 2016 and January 10, 2017; and testified at deposition on March 2, 2017. U.S. Department of Justice (Norm Familant and Bill Jones).
- *United States of America, et al. v. Hillsdale Community Health Center, et. al.*, Case No. 5:15-cv-12311-JEL-DRG in the United States District Court for the Eastern District of Michigan. On behalf of the United States, submitted expert reports on October 27, 2016 and December 5, 2016; and testified at deposition on December 12, 2016. U.S. Department of Justice (Beth Armington and Katrina Rouse).
- *In the Matter of: Statement of Proposed Royalties to be Collected for the Retransmission of Distant Television Signals, In Canada, for the Years 2014 to 2018*, before the Canadian Copyright Board. On behalf of Bell Canada, Cogeco Cable Inc., Rogers Communications Inc, Shaw Communications Inc., Videotron G.P., and Telus Communications Company, submitted an expert report on October 2, 2015 and testified at trial on January 25-26, 2016. Fasken Martineau DuMoulin, LLP (Jay Kerr-Wilson).
- Challenges to Australia's Tobacco Plain Packaging Act, on behalf of Australia, in the World Trade Organization. Submitted written testimony on March 9, 2015, May 31, 2015, September 14, 2015, October 26, 2015, December 8, 2015, and February 1, 2016. Australian Government Solicitor (Simon Sherwood and Damien O'Donovan).
- *Caroline Behrend et al. v. Comcast Corporation et al.*, Civil Action No. 03-6604 in the United States District Court for the Eastern District of Pennsylvania. On behalf of Comcast Corporation, submitted expert reports on April 10, 2009, May 6, 2009, May 11, 2009, August 21, 2009, September 18, 2009, May 22, 2012, and January 15, 2014; testified at deposition on May 22, 2009; and testified at a class recertification hearing on October 26, 2009. Kasowitz Benson Torres & Freidman (Michael Shuster and Sheron Korpus) and Davis Polk (David Toscano and Arthur Burke).
- *American Broadcasting Company Inc., et. al. v. Aereo*, 12 Civ. 1543, in United States District Court in the Southern District of New York. On behalf of Aereo, submitted an expert report on December 20, 2013. Fish and Richardson (David Hosp).
- *DISH Network LLC. f/k/a Echostar Satellite LLC v. ESPN, Inc., and ESPN Classic, Inc.*, No. 09 CIV 6875 (JGK) (FM), in United States District Court in the Southern District of New York. On behalf of DISH Network, submitted an expert report on July 29, 2011; testified at depositions on November 22, 2011 and January 2013; testified at trial February 2013. Flemming Zulack Williamson Zauderer LLP (Dean Nyciper) and Simpson Thatcher (Barry Ostrager and Mary Kay Vyskocil).
- *Echostar Satellite LLC v. ESPN, Inc., ESPN Classic, Inc., ABC Cable Networks Group, Inc., Soapnet L.L.C., and International Family Entertainment Inc.*, Index 08-600282 in the Supreme Court of the State of New York County of New York. On behalf of Echostar Satellite LLC, testified at deposition on June 23, 2011. Flemming Zulack Williamson Zauderer LLP (Dean Nyciper).

- *Casitas Municipal Water District v. United States*, Case No. 05-168L in the United States Court of Federal Claims. On behalf of the United States, submitted expert reports on February 25, 2010 and February 8, 2007; testified at deposition on March 10, 2010; and testified at trial on October 28, 2010. U.S. Justice Department (James Gette and Barrett Atwood).
- *Royalties To Be Collected By CSI and SOCAN For the Reproduction and the Communication to the Public by Online Music Services, In Canada, of Musical or Dramaticomusical Works, for the years 2007 to 2010*, before the Canadian Copyright Board. On behalf of Apple Inc., Bell Canada Enterprises Inc., Rogers Communications Inc., Telus Communications Company, and Videotron Ltd., submitted expert reports on April 29, 2010 and June 9, 2010, and testified at trial on June 28-9, 2010. Goodmans LLP for Apple Inc. (Michael Koch); and Fasken Martineau DuMoulin, LLP for the rest (Jay Kerr-Wilson).
- *United States of America v. Daily Gazette Company and MediaNews Group, Inc.*, Civil Action No. 2:07-0329 in the United States District Court Southern District of West Virginia. On behalf of the United States of America, submitted an expert report on September 1, 2009. U.S. Justice Department (John Reed, Mark Merva and Norm Familant).
- *In re. ASARCO LLC, et al.*, Case No. 05-21207 in the United States Bankruptcy Court for the Southern District of Texas, Corpus Christi Division. On behalf of Ready Mix USA, LLC., submitted an expert report on August 1, 2008 and testified at deposition on August 7, 2008. Baker, Donelson, Bearman, Caldwell & Berkowitz P.C. (Gary Shockley).
- *SOCAN Tariff No. 16 – Royalties To Be Collected By SOCAN For the Public Performance or the Communication to the Public by Telecommunication, In Canada, of Musical or Dramaticomusical Works, for the years 2007 to 2009*, before the Canadian Copyright Board. On behalf of a consortium of Canadian background music users, including Bell ExpressVu, Chum Satellite Services, and DMX Canada, submitted an expert report on November 30, 2007 and testified at trial in January 2008. Fasken Martineau DuMoulin, LLP (Jay Kerr-Wilson and Aidan O'Neill).
- *In the Matter of Digital Performance Right in Sound Recordings and Ephemeral Recordings for a New Subscription Service*, CRB Proceeding 2005-5, before the U.S. Copyright Board. On behalf of Sirius Satellite Radio and XM Satellite Radio, submitted expert reports on October 30, 2006 and July 24, 2007; testified at deposition on May 8, 2007; and testified at trial in June 2007. Wiley Rein, LLP for Sirius (Bruce Joseph) and Weil, Gotshal & Manges for XM (Ralph Miller).

MERGERS AND ACQUISITIONS AND OTHER GOVERNMENT INVESTIGATIONS

Dr. Chipty has extensive experience evaluating the competitive effects of proposed transactions and has advised clients at various stages of their deals, including strategic advice in identifying targets, assistance with agency review, and analyses for post-merger contestations. She has employed economic and econometric tools to evaluate issues of market definition, critical loss analysis, direct evidence of unilateral effects, and efficiencies. She has studied the likelihood of temporary or permanent foreclosure, as part of a raising rivals cost strategy. In addition, she has assessed regulatory structures and their associated effect on competition. Examples of Dr. Chipty's work in this area include:

- Assisted parties in the formation of a joint venture between Nippon Yusen Kabushiki Kaisha Ltd., Mitsui O.S.K. Lines, Ltd., Kawasaki Kisen Kaisha Ltd, before the Department of Justice, 2017. WilmerHale (Hartmut Schneider).
- Assisted parties in the CenturyLink-Level 3 merger, before the Department of Justice and the Federal Communications Commission, 2017. Wachtell, Lipton, Rosen & Katz and Jones Day (Ilene Gotts and Bruce McDonald) and Covington & Burling (Yaron Dori).
- Assisted parties in the Charter-Time Warner Cable merger, before the Department of Justice and the Federal Communications Commission, 2015-2016. Wachtell, Lipton, Rosen & Katz and Jenner Block (Ilene Gotts and John Flynn).
- Submitted white paper evaluating the impact of tobacco plain packaging on smoking prevalence in Australia, to the Australian Parliament on behalf of the Government of Australia, in Australia's post implementation review of tobacco plain packaging legislation, 2016. Australian Government Solicitor (Simon Sherwood and Simon Daley).
- Expert for the U.S. Department of Justice in its review of the One Main-Spring Leaf merger, 2015. U.S. Department of Justice (Stephanie Fleming and Nicholas Hill).
- Coauthored a white paper, on behalf of Aeromexico, evaluating the competitive effects of airport slot allocation governing air traffic to and from Mexico City Airport, submitted to Mexico's competition authority, 2015, (joint with Professor Robert Pindyck).
- Expert for Olin Corporation in its acquisition of Dow Chemical's chlor-alkali business unit, before the Federal Trade Commission, 2014-2015. Baker Botts (William Henry and Thomas Dillickrath).
- Expert for the Mergers Bureau of Canada in its review of Post Media's acquisition of Sun Media. Canadian Mergers Bureau (Steve Sansom and Nicholas Janota).
- Assisted the U.S. Department of Justice in its challenge of American Express's use of merchant restraints, 2014-2015. U.S. Department of Justice (Craig Conrath and John Read).
- Advised the Massachusetts Health Policy Commission on the likely competitive impact of Partners HealthCare System's proposed acquisition of Hallmark Health System, including submitting a written statement in the HPC's Cost and Market Impact Review of the transaction, 2014. Health Policy Commission (Karen Tseng and Kate Scarborough).
- Advised the Massachusetts Health Policy Commission on the likely competitive impact of Partners HealthCare System's proposed acquisition of South Shore Hospital, including submitting a written statement in the HPC's Cost and Market Impact Review of the transaction, 2013-2014. Health Policy Commission (Karen Tseng and Kate Scarborough).
- Assisted Saint Alphonsus Medical Center to evaluate the competitive effects of St. Luke's Health System's acquisition of Saltzer Medical Group, in Nampa, Idaho, 2012-2013. Honigman, Miller, Schwartz and Cohn (David Ettinger).
- Assisted Arris Group in its acquisition of Motorola Home business unit from Google, before the Department of Justice, 2013. Hogan Lovells (Logan Breed) and Troutman Sanders (Daniel Anziska).
- Coauthored a white paper, on behalf of Televisa, evaluating the competitive impact in the mobile telephone marketplace of Televisa's proposed acquisition of 50% of GSF Telecom

Holdings, S.A.P.I. de C.V., which owns 100% of Grupo Iusacell, S.A. de C.V. (joint with Almudena Arcelus and David Sosa). Submitted to Mexico's competition authority, Federal Commission of Economic Competition, 2012.

- Conducted analyses and presented before staff of the FTC, in an investigation of two joint venture partners involving allegations of potentially anticompetitive conduct, 2011-2012. Baker Botts (Thomas Dillickrath and William Henry).
- Authored a white paper analyzing the likely effects of Steward Healthcare's acquisition of Morton Hospital, in the greater Boston area, submitted to the State Attorney General's office, June 14, 2011. Edwards Angell Palmer & Dodge (Patricia Sullivan).
- Evaluated the likely effects of the Southwest Airlines-Airtran merger, on behalf of the United States, Winter 2011. U.S. Justice Department (Michael Billiel and Oliver Richard).
- Coauthored a white paper, on behalf of Time Warner Cable, analyzing brinkmanship tactics and broadcast retransmission consent rules established by the 1992 Cable Act, submitted to the Federal Communications Commission (joint with Prof. Steven Salop, Dr. Martino DeStefano, Dr. Serge Moresi, and Dr. John Woodbury), June 3, 2010.
- Authored Federal Communication Commission Media Study #5, on behalf of the Commission, as part of its periodic review of the media ownership rules, analyzing the effects of ownership structure in broadcast radio, on program variety and advertiser and listener welfare, released June 2007.
- Coauthored a white paper analyzing bidding behavior and the potential competitive effects of the merger of Alcatel and Lucent, submitted to the Department of Justice (joint with Drs. Andrew Dick and Stanley Besen), April 28, 2006. Skadden, Arps, Slate Meagher & Flom LLP (James Keyte and Neal Stoll).
- Conducted and presented analysis before the Federal Trade Commission on behalf of Barr Pharmaceuticals regarding its acquisition of a hormone contraceptive product (joint with Prof. Steven Salop), Fall 2005. Kirkland & Ellis LLP (Mark Kovner).
- Conducted an analysis of efficiencies on behalf of Time Warner and Comcast, in their joint bid for Adelphia Communications (joint with Dr. Stanley Besen). Paul Weiss Rifkind Wharton & Garrison, LLP (Joseph Simons).
- Assisted NorthShore University HealthSystem (formerly Evanston Northwestern Health Corporation) with the Federal Trade Commission's post-merger investigation of the 2000 merger of Evanston Hospital and Highland Park Hospital. Winston & Strawn LLP (Michael Sibarium).

OTHER CONSULTING EXPERIENCE, BY TOPICAL AREA

Dr. Chipty has also provided consultation to litigation clients on matters some of which eventually settled, and she has provided business guidance to clients for strategic planning. Examples of Dr. Chipty's work in this area include:

Tobacco

- Assisted the Department of Justice, in *United States v. Philip Morris et al.*, Civil Action No. 99- 2486, a RICO case against the major tobacco manufacturers and associations involving allegations of conspiracy to suppress information and to suppress innovation. U.S. Department of Justice (Steve Brody, Renee Brooker, and James Gette).
- Assisted Appalachian Oil Company, in *R.J. Reynolds Tobacco Company v. Market Basket Food Stores, Inc., et al.*, Civil Action No. 5:05-CV-253. Baker, Donelson, Bearman, Caldwell & Berkowitz P.C. (Gary Shockley).
- Assisted Star Scientific, in *Star Scientific, Inc. v. R.J. Reynolds Tobacco Company*, Case No. AW 01-CV-1504 and AW 02-CV-2504. Crowell and Moring (Richard MacMillan and Kathryn Kirmayer).

Pharmaceutical and Health Care

- Advised the working groups of the Advanced Market Commitment (“AMC”), an initiative of the Gates Foundation to pilot the first AMC for the pneumococcus vaccine. The goal of this AMC is to provide appropriate market-based incentives to induce capacity investments by the major pharmaceutical companies for manufacturing sufficient vaccines for low-income countries.
- Assisted a pharmaceutical manufacturer against Medicaid reimbursement, fraud, and unfair trade practices claims brought by numerous State Attorneys General. O’Melveny & Meyers LLP (Steve Brody and Brian Anderson) and Baker Botts LLP (Richard Josephson).
- Advised Regional Urology, in *Willis-Knighton Health System and Health Plus of Louisiana, Inc. v. Regional Urology LLC, et al.*, Civil No. CV02-1094-S. Breazeale Sachse & Wilson, LLP (Claude Reynaud).

Media and Sports

- Assisted the YES Television Network in evaluating the value to the network of carriage rights for certain New Jersey Nets games, for contract renegotiation and possible arbitration. Boies Schiller & Flexner, LLP (Robert Dwyer).
- Assisted the Monte Carlo Tennis Tournament, in a dispute with the ATP Tour, alleging abuse of market power. Sidley Austin LLP (Alan Unger).
- Assisted a team of the National Football League, in a dispute with a cable operator, alleging vertical foreclosure. Boies Schiller & Flexner, LLP (Robert Dwyer).
- Assisted Major League Baseball in *Major League Baseball Properties, Inc. v. Salvino*, involving a challenge to the league’s use of centralized trademark licensing. Foley & Lardner LLP (Jim Mckeown).
- Advised HBO on reasonable fees for music performance rights in their negotiation with BMI. Cravath, Swaine & Moore LLP (Kenneth Lee).
- Advised XM Satellite Radio on reasonable fees for music performance rights for business negotiations. Shaw Pittman LLP (Cynthia Greer).

ECONOMETRICS AND STATISTICS

Dr. Chipty is an expert in the area of statistics and econometrics and has been successful at using econometric arguments both to construct affirmative arguments in litigation as well as to evaluate the use of econometrics by opposing experts. Many of the projects described above used econometric analysis. Other examples of Dr. Chipty's work in this area are described below:

- Submitted a white paper to the European Commission, DG Competition Bureau, on behalf of the European Liner Affairs Association, analyzing the impact of shipping conferences on carriers' ability to collude on prices (joint with Professor Fiona Scott Morton and Mr. Nils Von Hinten-Reed).
- Developed analyses and drafted a report on behalf of defendants in the *In Re: Monosodium Glutamate Litigation* in support of a defendants' motion to dismiss plaintiff's expert testimony based upon improper use of econometrics. Dorsey & Whitney LLP (Michael Lindsay) and Haynes & Boone LLP (Ronald Breaux).
- Used advanced statistical techniques along with a large volume of administrative data, on behalf of United Parcel Service, to evaluate the Postal Service's expert testimony on variable costs. Piper & Marbury LLP (John McKeever).
- Evaluated and criticized the econometric testimony of a defendants' expert, on behalf of a generic pharmaceuticals firm alleging vertical foreclosure and unlawful delay of entry. Solomon Zauderer (Colin Underwood).

TRISTATE RESEARCH PARTNERSHIP

Dr. Chipty was a member of the research team from 1997-1999 in this Department of Health and Human Resources funded collaboration that included the states of Massachusetts, Alabama, and Florida. Dr. Chipty worked with state governments to design research experiments, develop econometric models, and process large administrative databases, in an effort to understand the structure, administration, and impact of minimum standards regulations.

- "The Black-White Wage Gap in the Deep South: Location, Location, Location?" (with Ann Dryden Witte), Working Paper 98-03, Tri-State Child Care Research Partnership, Miami, FL.
- "Employment Patterns of Workers Receiving Subsidized Child Care: A Study of Eight Counties in Alabama," (with Ann Dryden Witte), Available from Margie Curry, Executive Director, Childcare Resources, 1904 First Ave. North, Birmingham, AL 35203-4006.
- "Parents Receiving Subsidized Child Care: A Study of Alabama's Labor Force," (with Ann Dryden Witte), Working Paper 98-01, Tri-State Child Care Research Partnership, Miami, FL.
- "Employment of Parents Receiving Subsidized Child Care in Dade County, Florida," (with Harriet Griesinger and Ann Dryden Witte), Working Paper 98-03, Department of Economics, Wellesley College, Wellesley MA 02481.

PAPERS AND PRESENTATIONS

Published Articles

“US: Economics” (with Michael Chapman), *Global Competition Review, The Antitrust Review of the Americas 2016*, available at:

<http://globalcompetitionreview.com/reviews/74/sections/275/chapters/2983/us-economics/>.

“Economists’ Perspective on the Efficiency Defense in Provider Consolidations: What Works, What Doesn’t Work, and What We Still Don’t Know” (with Asta Sendonaris), *American Health Lawyer’s Association Connections Magazine*, September 2015.

“Competitor Collaborations in Health Care: Understanding the Proposed ACO Antitrust Review Process,” *CPI Antitrust Chronicle*, May 2011 (1).

“Vertical Integration, Market Foreclosure, and Consumer Welfare in the Cable Television Industry,” *American Economic Review*, Vol. 91, No. 3, June 2001, pp. 428-453.

“The Role of Buyer Size in Bilateral Bargaining: A Study of the Cable Television Industry” (with Christopher Snyder), *Review of Economics and Statistics*, May 1999, 81(2): 326-340.

“Economic Effects of Quality Regulations in the Daycare Industry,” *American Economic Review*, Vol. 85, No. 2, May 1995, pp. 419-424.

“Horizontal Integration for Bargaining Power: Evidence from the Cable Television Industry,” *Journal of Economics and Management Strategy*, Vol. 4, No. 2, Summer 1995, pp. 375-397.

“A Marginal Cost Transfer Pricing Methodology,” *Tax Notes*, Nov. 26, 1990 (with Ann Dryden Witte, Wellesley College and NBER).

Chapters in Books

“Hospital-Physician Integration: The St. Luke’s Case” (with Deborah Haas-Wilson), in *The Antitrust Revolution, 7th Edition* (Oxford University Press), edited by John Kwoka and Lawrence White.

Books Edited

Proving Antitrust Damages, 3rd Edition, (American Bar Association, 2017).

Book Reviews

The Antitrust Source, October 2007, Book Review of Michael D. Whinston, *Lectures on Antitrust Economics* (Cambridge, MIT Press, 2006).

The Journal of Economic Literature, June 1992, Vol. XXX, No. 2, Book Review of Frank Cowell, *Cheating the Government* (with Ann Dryden Witte, Wellesley College and NBER) (Cambridge, MIT Press, 1990).

Working Papers

“In a Race Against the Clock: Auctioneer Strategies and Selling Mechanisms in Live Outcry Auctions,” 2014 (with Lucia Dunn and Stephen Cosslett, the Ohio State University).

“Efficient Estimation Via Moment Restrictions,” (with Whitney K. Newey).

“Antidumping and Countervailing Orders: A Study of the Market for Corrosion-Resistant Steel,” (with Brian L. Palmer).

“Firms’ Responses to Minimum Standards Regulations: An Empirical Investigation” (with Ann Dryden Witte), NBER Working Paper # 6104.

“Effects of Information Provision in a Vertically Differentiated Market” (with Ann Dryden Witte), NBER Working Paper # 6493.

“Unintended Consequences? Welfare Reform and the Working Poor” (with Ann Dryden Witte, Magaly Queralt, and Harriet Griesinger), NBER Working Paper # 6798.

Select Invited Presentations and Interviews

FTC Hearings #3: Competition and Consumer Protection in the 21st Century, October 2018.

Interview with the Antitrust Practice Group, *AHLA Antitrust Spotlight Series*, March 2018.

ABA Webinar: “Market Definition in section 2 and section 7: The same but not the same? Questions of fact or law?” November 2017.

International Congress of Addictology Albatros, “Economics of Tobacco Plain Packaging: Australian Legislation,” May 2017.

Federal Communication Commission’s Event on Challenges Facing Independent Programmers, April 2016, available at: https://www.youtube.com/watch?v=8yxC_3M4IWA.

Federal Communication’s Panel on Challenges Facing Multichannel Video Programming Distributors, March 2016, available at: <https://www.youtube.com/watch?v=03CMDtdpRDQ>.

ABA Webinar: “Sports Leagues Claims After 5 Years After American Needle,” 2015.

NYSBA Antitrust Class Action Program: “Comcast v. Behrend: Interpretation and Application of *Comcast* to Damages Issues in Class Certification,” 2015.

AHLA Annual Meetings: “Antitrust and Provider Mergers and Affiliations: Competition vs. More Affordable Care?” 2015.

AHLA Webinar: “Antitrust Implications and Lessons Learned from the Ninth Circuit Decision in *St. Luke’s*,” 2015.

ABA Webinar: “St. Lukes: State and Federal Enforcement in Non-Reportable Program,” 2015.

NYC Bar Antitrust and Healthcare Program, 2015.

NYSBA Antitrust Law Section Annual Meetings: “Efficiencies: The Cheshire Cat of Merger Analysis,” 2014.

NYC Bar Antitrust & Trade Regulation Committee: “Approaches to Antitrust Damages,” 2014.

PROFESSIONAL SERVICE

Defendant's expert at the ABA Mock Trial involving the issue exclusivity, in the form of theaters' use of clearances, 2017.

Vice Chair of the Antitrust Practice Group of the American Health Lawyers Association, 2014-2016.

Advisory board of the Pricing Conduct Committee, 2011-2012.

Editorial comments on a chapter of the ABA's *Price Discrimination Handbook*, 2011.

Plaintiffs' expert at the ABA Mock Trial involving the issue of resale price maintenance, 2008.

Editorial comments on a chapter of the ABA's book on *Market Definition*, 2008.

Contribution to the ABA's *Econometrics Legal, Practical, and Technical Issues*, 2005.

MEMBERSHIPS

American Health Lawyers Association

American Bar Association

American Economic Association

HONORS

National Science Foundation Fellowship, 1989-1992

Phi Beta Kappa, 1988