

Chifty Economics

TASNEEM CHIPTY

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Dr. Chifty is an internationally recognized expert in industrial organization, antitrust economics, and econometrics. She works with both private parties and government agencies in antitrust litigation, merger review, and other regulatory proceedings. For example, she was the Department of Justice's antitrust expert in the federal lawsuit challenging the Aon-Willis Towers Watson merger and the federal lawsuit challenging Atrium Health's use of anti-steering restrictions in insurance contracts with health plans. She was an expert for the Government of Australia, at the World Trade Organization, in a series of disputes surrounding Australia's national tobacco control policy, that resulted in a landmark decision in favor of Australia. She was Comcast's antitrust damages expert in *Behrend et al. vs. Comcast*—a U.S. Supreme Court case in which the Court decertified the class because of deficiencies in the plaintiffs' damages model. She was one of Qualcomm's antitrust experts in a series of lawsuits challenging Qualcomm's licensing practices. Dr. Chifty 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 Canadian Radio-television and Telecommunications Commission, the U.S. Copyright Board, and the Canadian Copyright Board. She is the co-editor of the current edition of the American Bar Association's book *Proving Antitrust Damages* and has published research in peer-reviewed journals.

Prior to forming Chifty Economics, Dr. Chifty was Founder and Managing Principal of Matrix Economics, a boutique competition consultancy that joined AlixPartners. She has also 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. Chifty 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

2022 -	Chifty Economics Founder and Managing Principal
2016 –2022	Matrix Economics, LLC AlixPartners <i>Founder of Matrix Economics</i> <i>Global Leader of the Economics Practice of AlixPartners</i>
2010 – 2016	Analysis Group, Inc. <i>Managing Principal</i>
1999 – 2010	Charles River Associates, Inc. <i>Vice President (2005-2010)</i>

- 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

- *Arconic Corp. Howmet Aerospace, Inc. v. Novelis Inc., Novelis Corp.*, Case No. 2:17-CV-01434, in United States District Court Western District of Pennsylvania. On behalf of Novelis, submitted testimony on February 11, 2022 and March 18, 2022; testified at deposition on April 20, 2022 and May 4, 2022. WilmerHale (Mark Ford and Holly Ovington).
- *Djeneba Sidibe 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 Sidibe *et al.*, submitted testimony on May 26, 2018, June 22, 2018, November 26, 2018, April 22, 2019, April 30, 2019, August 1, 2019, November 18, 2019, March 12, 2020, March 12, 2021, April 16, 2021, September 11, 2021; testified at deposition on August 15, 2018, August 16, 2018, December 20, 2018, June 11, 2019, January 15, 2020, May 14, 2021; testified at trial on February 23-25, March 7, 2022. Constantine Cannon (Matthew Cantor and Jean Kim).
- *Krisdha Buranapiyawong M.D., et al. v. U.S. Anesthesia Partners of Colorado*, Case No. 2020CV34057, in District Court, City and County of Denver, Colorado. On behalf of U.S. Anesthesia Partners of Colorado, submitted testimony on January 5, 2022. McDermott Will & Emery (Katherine O'Connor).
- *Alvogen Pine Brook LLC and Alvogen, Inc. v. Indivior Inc., Indivior UK Limited*, Case Nos: 17-7106 (KM)(CLW) and 18-5285 (KM)(CLW). On behalf of Alvogen, submitted testimony on March 24, 2021, and August 6, 2021; and testified at deposition on October 5, 2021. Axinn, Veltrop & Harkrider LLP (Peter Herrick).
- *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 testimony 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 Litigation*, Case No. 17-cv-00108-GPC-MDD, in United States District Court for the Southern District of California. On behalf of Qualcomm, submitted testimony 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).
- *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 testimony on November 16, 2018; and testified at deposition on December 14, 2018. Kecker, Van Nest & Peters LLP (Eugene Paige and Justina Sessions).
- *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, submitted testimony 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 testimony 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 testimony 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).
- Challenges to Australia's Tobacco Plain Packaging Act, on behalf of Australia, in the World Trade Organization, WT/DS441/DS435. Submitted testimony on March 9, 2015, May 31, 2015, September 14, 2015, October 26, 2015, December 8, 2015, and February 1, 2016. Australian Government Solicitor (Elizabeth Bowes and Damien O'Donovan) and Steptoe & Johnson (Matthew Yeo).
- *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 testimony on October 2, 2015 and testified at trial on January 25-26, 2016. Fasken Martineau DuMoulin, LLP (Jay Kerr-Wilson).
- *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 testimony on April 10, 2009, on May 6, 2009, on May 11, 2009, on 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 testimony 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 testimony on July 29, 2011; testified at deposition on November 22, 2011; testified at deposition in 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 testimony on February 25, 2010 and February 8, 2007, testified at deposition on March 10, 2010, 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 testimony on April 29, 2010 and on 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, submitted testimony 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 testimony 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 testimony 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 testimony 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

Dr. Chipty has extensive experience evaluating the competitive effects of proposed transactions and 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. She has helped clients in many aspects of agency review, including responding to agency requests, identifying studies worth undertaking, and making presentations to staff at the Department of Justice, Federal Trade Commission, and the Federal Communications Commission. Examples of Dr. Chipty’s work in this area include:

- Expert for the United States in the investigation and litigation of the proposed merger of Aon and Willis Towers Watson, 2020-2021. Department of Justice (Patricia Sindel).
- Expert for Liberty Media’s acquisition of AT&T’s business data service assets in Puerto Rico, before the Department of Justice and the Federal Communications Commission, 2019-2020. Dorsey & Whitney (Michael Lindsay) and Arnold & Porter (Debbie Feinstein).
- Expert for the 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).

- Expert for the parties in the CenturyLink-Level 3 merger, before the Department of Justice and the Federal Communications Commission, 2017. Wachtell, Lipton, Rosen & Katz (Ilene Gotts), Jones Day (Bruce McDonald), and Covington & Burling (Yaron Dori).
- Expert for the parties in the Charter-Time Warner Cable merger, before the Department of Justice and Federal Communications Commission, 2015-2016. Wachtell, Lipton, Rosen & Katz (Ilene Gotts) and Jenner Block (John Flynn).
- Expert for the United States in its review of the One Main-Spring Leaf merger, 2015. U.S. Department of Justice (Stephanie Fleming and Nicholas Hill).
- 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 Canadian Mergers Bureau in its review of Post Media's acquisition of Sun Media. Canadian Mergers Bureau (Steve Sansom and Nicholas Janota).
- 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.
- Expert for the parties in an investigation by the Federal Trade Commission 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).
- Expert for the United States in its review of the likely effects of the Southwest Airlines-Airtran merger, Winter 2011. U.S. Justice Department (Michael Billiel and Oliver Richard).
- Coauthored a white paper analyzing bidding behavior and the potential competitive effects of the merger of Alcatel and Lucent, submitted to Department of Justice (joint with 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 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, before the Department of Justice and the Federal Communications Commission. Paul Weiss Rifkind Wharton & Garrison, LLP (Joseph Simons).
- Assisted NorthShore University Health System (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 GOVERNMENT INVESTIGATIONS

Dr. Chipty has also assessed the effects of regulatory structures on marketplace outcomes, including investment incentives, both in the context of legal proceedings and policy debates. Examples of Dr. Chipty's work in this area include:

- Expert for the Canadian Competition Bureau in CRTC 2019-57: Review of Mobile Wireless Services: submitted report studying the state of competition in the retail wireless marketplace and the benefits of additional competition among wireless service providers, to the Canadian Radio-Television and Telecommunications Commission, November 22, 2019 and testified before the CRTC on February 18, 2020 (live testimony at <https://www.cpac.ca/episode?id=75336a2d-295f-41b0-ab1a-d5ff50d55602>). Competition Bureau of Canada (Laura Sonley and Matthew Boswell).
- 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).
- 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 Robert Pindyck).
- 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 Steven Salop, Martino DeStefano, Serge Moresi, and 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.
- 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 Fiona Scott Morton and Nils Von Hinten-Reed), 2004.
- 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 the United States, 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).

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, to understand the 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.

PUBLICATIONS

“Market design to accelerate COVID-19 vaccine supply,” (with Susan Athey, Arthur Baker, Eric Budish, Juan Camilo Castillo, Rachel Glennerster, Scott Duke Kominers, Michael Kremer, Greg Larson, Jean Lee, Canice Prendergast, Christopher Snyder, Alex Tabarrok, Brandon Joel Tan, Witold Wiecek), *Science*, Vol. 371, Issue 6534, March 12, 2021, pp. 1107-1109.

“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.

“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).

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

“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).

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).

SELECT INVITED PRESENTATIONS AND INTERVIEWS

ABA Spring Meetings, “Goldilocks Asks: When Are Prices Too Low?” April 7, 2022.

ABA and NYU Law School Conference: Next Generation of Antitrust, Data Privacy, and Data Protection Scholars, Antitrust in Digital Market, January 28, 2022.

AHLA, “Impact of Presidential Executive Order on Competition Preservation in the Health Care Industry,” August 18, 2021.

Georgetown on the Hill, “New Debates and New Tensions in Antitrust: What’s Different About Platforms?” March 2, 2020 (video available at <https://cbpp.georgetown.edu/events/new-debates-and-tensions-in-antitrust-whats-different-about-platforms/>).

ABA Teleseminar: “The Role of Intent in Monopolization, Merger and Other Civil Cases,” February 28, 2020.

ABA Teleseminar: “Are You Ready for Some Football (and Antitrust)?! What Does the NFL Sunday Ticket Litigation Bode for Sports Collaborations?” December 9, 2019.

ABA Teleseminar: “Nuts & Bolts Program: Market Definition,” June 27, 2019.

Federal Trade Commission 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=8yx3M4IWA>.

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

Member of the Accelerating Health Technologies working group, 2021-

Vice Chair of the ABA's Pricing Conduct Committee, 2020-

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

Defendant's expert at the ABA Mock Trial, 2017.

Vice Chair of the Antitrust Practice Group of the AHLA, 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, 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