

PROFESSIONAL EXPERIENCE

- 2025 –** Founding Partner and Head of North American Antitrust and Competition, Econic Partners
- 2013 – 2025** Executive Vice President, Compass Lexecon
- 2009 – 2013** Senior Vice President, Compass Lexecon
- 2007 – 2009** Director, LECG
- 2004 – 2007** Principal, LECG
- 2004** Visiting Professor, University of Southern California, Department of Economics
- 2003 – 2004** Vice President, Economic Analysis LLC
- 2001 – 2003** Senior Economist, Economic Analysis LLC
- 1999 – 2001** Economist, Economic Analysis LLC
- 1997 – 1999** Teaching Associate, Department of Economics, UCLA
- 1998** Teaching Associate, School of Public Policy, UCLA
- 1997** Teaching Associate, Anderson Graduate School of Management, UCLA

EDUCATION AND CERTIFICATIONS

- PhD in Economics | University of California at Los Angeles **1999**
- Master's Degree in Economics | University of California at Los Angeles **1996**
- Bachelors Degree in Economics | University of California at Berkeley **1993**

AREAS OF EXPERTISE

- Antitrust and Competition Economics
- Industrial Organization
- Applied Econometrics
- Analysis of damages in antitrust matters
- Economic and econometric analysis of class certification in antitrust matters

ECONIC PARTNERS

REPORTS, DECLARATIONS, AND TESTIMONY

United States of America, et al., v. Google LLC

United States District Court for the Eastern District of Virginia, Case No. 1:23-CV-108 (LMB/JFA)

Expert Report: July 7, 2025; Expert Rebuttal Report: July 28, 2025; Expert Surrebuttal Report: August 11, 2025; Deposition: August 26, 2025; Live Trial Testimony: October 1-2, 2025

National ATM Council, et al., v. Visa Inc., et al., Case No 1:11-cv-1803-RJL

Andrew Mackmin, et al., v. Visa Inc., et al., Case No 1:11-cv-1831-RJL

Peter Burke, et al., v. Visa Inc., et al., Case No 1:11-cv-1882-RJL

United States District Court for the Eastern District of Columbia

Expert Report: December 19, 2024; Deposition: August 29, 2025

In re Payment Card Interchange Fee and Merchant Discount Antitrust Litigation

United States District Court for the Eastern District of New York, Case No. 05-md-1720 (MKB)

Expert Report: June 10, 2019; Deposition: February 14, 2020; Supplemental Expert Report: October 1, 2024; Deposition: December 6, 2024

In Re Packaged Seafood Products Antitrust Litigation

United States District Court, Southern District of California, Case No. 15-MD-2670 JLS (MDD).

Expert Report: May 10, 2019; Deposition: May 30, 2019; Addendum Expert Report: May 21, 2024

Grubhub Holdings Inc., et al., v. Visa Inc., et al.

United States District Court for the Eastern District of New York, Case No. 05-md-1720 (MKB)

Expert Report: October 7, 2022; Expert Rebuttal Report: January 13, 2023; Deposition: March 16, 2023

Viamedia, Inc., v. Comcast Corporation and Comcast Cable Communications Management, LLC

United States District Court for the Northern District of Illinois Eastern Division, Case No. 16-cv-5486

Expert Report: September 21, 2022; Supplemental Rebuttal Report: October 31, 2022; Deposition: October 14, 2022

The State of Washington v. StarKist Company, Dongwon Industries Co. Ltd., and Christopher Lischewski

Superior Court of Washington for King County, Case No. 20-2-09491-9 SEA

Expert Report: July 19, 2021; Deposition: August 27, 2021

ECONIC PARTNERS

B&R Supermarket Inc., et al. v. Mastercard International Inc., Visa Inc., Visa U.S.A., Inc., Discover Financial Services and American Express Company

United States District Court for the Eastern District of New York, Case No. 17-CV-02738 (MKB)

Expert Report: March 22, 2021; Deposition: September 10, 2021

beIN Sports, LLC v. Comcast Cable Communications, LLC and Comcast Corporation

Federal Communications Commission, MB Docket No. 18-90, File No. CSR-8954-P

Declaration: May 14, 2018; Supplemental Declaration: February 11, 2019

Tradeline Enterprises Pvt. Ltd. v. Jess Smith & Sons Cotton, LLC, J.G. Boswell Company, and Supima American Arbitration Association, Case No.: 01-16-0003-8669

Witness Statement and Expert Report: July 28, 2017; Second Witness Statement and Expert Report:

December 19, 2017; Live Hearing Testimony: March 2, 2018

In Re Optical Disk Drive Products Antitrust Litigation

United States District Court, Northern District of California, Case No. 3:10-md-02143 RS.

Expert Reports: April 3, 2017; Deposition: May 8-9, 2017

European Commission v. Google Inc. and Alphabet Inc., CASE COMP/AT.40099 – Google Android

Report: November 11, 2016

Verizon Corporate Services Group Inc. v. Comcast Corporation and SportsChannel New England, LLC American Arbitration Association, Case No. 01-16-000-2320

Expert Report: August 17, 2016; Rebuttal Expert Report: September 20, 2016; Live hearing Testimony: October 7, 2016

Federal Communications Commission, In the Matter of Protecting and Promoting the Open Internet, GN Docket No. 14-28

“The ‘Terminating Access Monopoly’ Theory and the Provision of Broadband Internet Access” (with Janusz Ordovery), January 15, 2015.

“*Competition in Broadband and ‘Internet Openness’*,” July 15, 2014.

ECONIC PARTNERS

Federal Communications Commission, Policies Regarding Mobile Spectrum Holdings, WT Docket 12-269

“Sprint’s Proposed Weighted Spectrum Screen Defies Economic Logic and Is Inconsistent with Established Facts” (with Michael L. Katz, Philip A. Haile, and Mark A. Israel), March 14, 2014.

“Comment on the Submission of the U.S. Department of Justice Regarding Auction Participation Restrictions” (with Michael L. Katz, Philip A. Haile, and Mark A. Israel), June 13, 2013.

“Comments on Appropriate Spectrum Aggregation Policy with Application to the Upcoming 600 MHz Auction” (with Michael L. Katz, Philip A. Haile, and Mark A. Israel), June 13, 2013.

Federal Communications Commission, In the Matter of Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions, GN Docket 12-268

“Spectrum Aggregation Policy, Spectrum-Holdings-Based Bidding Credits, and Unlicensed Spectrum” (with Michael L. Katz, Philip A. Haile, and Mark A. Israel), March 12, 2013.

New Zealand Commerce Commission Evaluation of Dairy Industry Restructuring Act (DIRA) of 2001

“The Effectiveness of DIRA in Fostering Competition and Economic Efficiency in New Zealand Dairy Markets” (with Robert D. Willig and Meg Guerin-Calvert), July 2011.

“Comments on the Proposed Changes to the Milk Price Provisions in the Dairy Industry Restructuring Amendment Bill” (with Robert D. Willig and Meg Guerin-Calvert), February 2012.

“Supplemental Comments on the Dairy Industry Restructuring Amendment Bill” (with Robert D. Willig and Meg Guerin-Calvert), April 2012.

Board of Governors of the Federal Reserve System, Debit Interchange Fees and Routing

“Economic Analysis of the Federal Reserve Board’s Proposed Regulations to Implement EFTA Section 920” (with Benjamin Klein and Kevin Green), February 2011.

Western Pacific Kraft, Inc. v. Duro Bag Manufacturing Company

U.S. District Court, Central District of California, Western Division, Case No. 2:10-cv-06017-DDP.

Expert Report: January 2013; Rebuttal Expert Report: October 2013

SELECTED OTHER EXPERT WORK

Acquisition of Fitbit by Google LLC

Submitted papers and made presentations to the U.S. Department of Justice, European Commission, and other regulatory agencies on behalf of Google LLC.

(2019 to 2020)

ECONIC PARTNERS

ACCC Investigation of Google LLC

Submitted white paper and gave presentation to the Australian Competition and Consumer Commission (ACCC) on behalf of Google LLC.
(2019)

Federal Trade Commission Investigation of Google Search Practices

Submitted papers and made presentations to the U.S. Federal Trade Commission.
(October 2010 to January 2013)

Department of Justice Assessment of Joint Venture and Licensing Agreements between Verizon, Comcast, Time Warner Cable, Cox Communications, and Bright House Networks.

Submitted papers and made presentations to the U.S. Department of Justice.
(2011 to 2012)

SELECTED CONSULTING ENGAGEMENTS

United States of America, et al. v. Google LLC; State of Colorado, et al. v. Google LLC

United States District Court, District of Columbia, Case No. 1:20-cv-03010-APM, 1:20-cv-03715-APM.
(2020 to present)

European Commission v. Google Inc. and Alphabet Inc., CASE COMP/AT.40099 – Google Android

(2015 to 2018)

In the Matter of Applications of AT&T Inc. and DIRECTV For Consent to Assign or Transfer Control of Licenses and Authorizations

U.S. Department of Justice; U.S. Federal Communications Commission
(April 2014 to July 2015)

In re Optical Disk Drive Antitrust Litigation

United States District Court, Northern District of California, Case No. 3:10-md-02143 RS
(October 2012 to October 2015)

Pecover et al. v. Electronic Arts, Inc.

United States District Court, Northern District of California, Case No. 08-cv-02820 VRW
(July 2009 to April 2012)

ECONIC PARTNERS

In Re Abbott Labs Norvir Antitrust Litigation

United States District Court, Northern District of California, Case No. C-04-1511 CW
(November 2006 to March 2011)

In Re Payment Card Interchange Fee and Merchant Discount Antitrust Litigation

United States District Court, Eastern District of New York, Case No. 1:05-md-1720-JG-JO
(August 2006 to February 2011)

Behrend et al. v. Comcast Corporation et al.

United States District Court, Northern District of Pennsylvania, Case No. 03-6604
(April 2008 to September 2010)

Sun Microsystems, Inc. v. Hynix Semiconductor Inc., et al.

United States District Court, Northern District of California, Case No. C-07-01381-PJH
(June 2006 to April 2008)

In the Matter of Realcomp II LTD.

United States of America, Before Federal Trade Commission, Docket No. 9320
(November 2006 to June 2007)

Illinois Tool Works v. Independent Ink, Inc.

United States District Court, Central District of California, Case No. CV 98-6686-NM
(April 2001 to April 2007)

Visa U.S.A. Inc. v. First Data Corp.

U.S. District Court, Northern District of California, Case No. C 02-1786-JSW
(June 2004 to May 2006)

AIDS Healthcare Foundation v. GlaxoSmithKline

United States District Court, Central District of California, Case No. 02-5223-TJH
(June 2004 to April 2006)

ChoiceParts LLC v. General Motors, DaimlerChrysler, Ford Motor, and OEConnection

U.S. District Court for the Northern District of Illinois, Case No. 01 C 0067
(August 2002 to December 2004)

ECONIC PARTNERS

Spirit Airlines, Inc., v. Northwest Airlines, Inc.

United States District Court for the Eastern District of Michigan, Case No. 00-71535
(January to December 2002)

George Lussier Enterprises Inc. et al. v. Subaru of New England et al.

United States District Court, District of New Hampshire, Case No. 03-2715
(February 2001 to December 2002)

Universal Avionics Systems Corporation v. Rockwell International Corporation, et al.

United States District Court, District of Arizona, Case No. CV97-28 TUC-ACM
(December 2000 to June 2001)

Metro-Goldwyn-Mayer Studios Inc., et al. v. RecordTV.com and David Simon

United States District Court, Central District of California, Case No. 00-06443 MMM (MANx)
(February 2001 to March 2001)

Arthur Simon et. al. v. American Telephone and Telegraph Corp., et. al.

United States District Court, Central District of California, Case No. CV 99-11641 RSW
(April 2000 to January 2001)

The Coca-Cola Company, et al. v. Omni Pacific Company, et al. and related counterclaims.

United States District Court, District of Northern California, Case No. C-98-0784-SI
(November 1999 to October 2000)

Kropinski, et al. v. Johnson & Johnson, et al.

Superior Court of New Jersey, Case No. 8886-96
(September 1999 to January 2000)

PROFESSIONAL RECOGNITIONS, HONORS, AND AWARDS

Who's Who Legal and Global Competition Review, *Who's Who Legal: Competition – Future Leaders* (2017), economist aged 45 and under.

Who's Who Legal Competition – Competition Economists (2013 to present).

ECONIC PARTNERS

PUBLICATIONS

“Real Estate Commissions: Some Insights from the Economics of Multi-Sided Platforms,” CPI Antitrust Chronicle, March 2024.

“Price-Cost Tests in Antitrust Analysis of Single Product Loyalty Contracts,” (with Benjamin Klein), Antitrust Law Journal, Vol. 80, No. 3 (2016), pp. 631-679.

“‘Big Data’ and User Privacy in Antitrust: An Economic Perspective,” prepared for Antitrust and Intellectual Property Conference, American Bar Association, Section of Antitrust Law, October 8, 2015.

“The Role of ‘Big Data’ in Online Platform Competition,” August 26, 2014.

“The Law and Economics of Bundled Pricing: LePage’s, PeaceHealth, and the Evolving Antitrust Standard,” (with Benjamin Klein) Antitrust Bulletin, 2008.

“The Firm in Economics and Antitrust Law,” (with Benjamin Klein), in W. Collins (ed.), Issues in Competition Law and Policy, American Bar Association Antitrust Section, 2008.

“The Economics Revolution in Antitrust Law,” in Economics of Antitrust Law, Economic Approaches to Law Series, (with Benjamin Klein), Benjamin Klein and Andres V. Lerner (eds.), Series editors Richard A. Posner and Francesco Parisi, Edward Elgar Publishing Ltd., April 2008.

“The Expanded Economics of Free-Riding: How Exclusive Dealing Prevents Free-Riding and Creates Undivided Loyalty,” (with Benjamin Klein), Antitrust Law Journal, Vol. 74, No. 2 (2007), pp. 473-519.

Economics of Antitrust Law, Economic Approaches to Law Series, (with Benjamin Klein), Series editors Richard A. Posner and Francesco Parisi, Edward Elgar Publishing Ltd., April 2008.

“Competition in Two-Sided Markets: The Antitrust Economics of Payment Card Interchange Fees,” (with Benjamin Klein, Kevin Murphy, and Lacey Plache), Antitrust Law Journal, Vol. 73, No. 3 (2006), pp. 571-626.

“The Economics of Copyright ‘Fair Use’ in a Networked World,” (with Benjamin Klein and Kevin Murphy), American Economic Review Papers & Proceedings, Vol. 92, No. 2 (May 2002), pp. 205-208.

ECONIC PARTNERS

RECENT PROFESSIONAL PRESENTATIONS

Network Effects and “Big Data” in Digital Platform Competition, Executive Committee of the New York State Bar Association, Antitrust Section, September 18, 2019.

Two-Sided Markets in Modern Antitrust: Beyond *Ohio v. American Express*, ABA Section of Antitrust Law, Federal Civil Enforcement & State Enforcement Committees, February 15, 2018.

USC Gould School of Law, Antitrust Enforcement in a Global Context: Extraterritoriality and Due Process, Transparency Requirements in Global Antitrust panel, January 13, 2017.

“Big Data and User Privacy in Antitrust: An Economic Perspective,” Antitrust and Intellectual Property Conference, American Bar Association, Section of Antitrust Law, October 8, 2015.

“Big Data, User Privacy, and Competition Between Online Platforms,” Law & Economics Center, George Mason University School of Law, Briefing on Big Data, Privacy, and Antitrust, March 18, 2015.

“Economic Challenges in the Antitrust Analysis of Online Platforms,” Federal Trade Commission, Microeconomics Conference, November 7, 2013.