

PROFESSIONAL EXPERIENCE

2025 –	Senior Principle, Econic Partners, Los Angeles, CA
2019 – 2025	Senior Vice President, Compass Lexecon, Los Angeles, CA
2017 – 2019	Senior Economist, Bates White, Washington, D.C.
2014 – 2016	Researcher & Lecturer, University of Michigan, Ann Arbor, MI

EDUCATION AND CERTIFICATIONS

PhD in Economics University of California, San Diego	2014
MA in Economics University of California, San Diego	2010
BA in Economics Renmin University of China	2008

SELECT EXPERIENCE

- Supported the expert in providing econometric analysis to analyze claims by the U.S. Department of Justice (DOJ) that Live Nation has monopolized alleged markets for concert promotion, concert venues, and primary ticketing.
- In support of the expert, analyzed and critiqued regression methodologies put forth by other participants' experts attempting to measure relative marketplace value of distant signal programming types in the *Matter of Distribution of Cable Royalty Funds, CRB (2022-2023). Copyright Royalty Board proceeding.*
- Supported testifying expert by providing econometric and economic analysis to quantify the potential impact of marketing and sales practices on youth vaping, in *Re JUUL Labs Marketing, Sales Practices, and Products Liability Litigation (2021-2022, 2024).*
- In support of the expert, provided econometric analysis to examine the relationship between manufacturing costs and plant utilization in a merger in the brick manufacturing industry, and analyzed potential divestiture remedies (2021).
- Supported expert by providing merger simulations for the proposed NVIDIA-Arm merger (2020).
- Supported expert by analyzing competition in the electrical components distribution industry and assessing potential competitive effects based on price-concentration models in *the merger of WESCO International & Anixter International (2019-2020)*
- Supported expert by conducting merger simulations and other analysis to evaluate competitive effects of *the merger between NVIDIA and Mellanox (2019).*
- Supported testifying expert by providing causation and damages analysis for a major brand name pharmaceutical company in litigation involving potential False Claims Act (FCA) and anti-kickback violations related to improper marketing tactics.

ECONIC PARTNERS

- On behalf of Express Scripts, provided support to experts in the DOJ's investigation of the \$67 billion merger between Cigna, one of the country's largest health insurers, and Express Scripts Holding Company, a major pharmacy benefit manager (PBM).
- Analyzed possible concerns related to horizontal effects of its proposed merger with Cigna in markets for PBM services and Medicare Part D insurance. DOJ cleared the merger after a six-month review.
- Supported expert in conducting supply and demand analysis to investigate potential price effects and welfare loss in a merger between two newspaper companies.
- In support of the expert, provided econometric analysis to investigate potential price effects and welfare loss in different geographical markets for a merger between two leading environmental solutions providers.
- Supported the expert in providing liability and causation analysis in profitability, price and share variation of products for a pharmaceutical company in the alleged price-fixing investigation.
- Supported testifying expert's analysis of liability and competitive effects for a large international financial services company in litigation involving monopolization issue.

SKILLS

MATLAB, R, Python, Stata, SQL, Databricks.

PUBLICATIONS

Peer reviewed

- "On the Asymptotic Sizes of Subset Anderson-Rubin and Lagrange Multiplier Tests in Linear Instrumental Variable Regression Models" (with Patrik Guggenberger, Frank Kleibergen, and Sophocles Mavroeidis), *Econometrica*, 80, no. 6 (2012): 2649–66

Working papers

- "Identification and Estimation of Linear Transformation Models with Endogeneity: An Instrumental Variables Method."
- "Partial Identification of Differential Misclassification."
- "Size-distortion of Subvector Lagrange Multiplier Tests in Linear IV Models" (with Patrik Guggenberger).