

ETHAN SINGER

CONTACT

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EDUCATION

2016, *PhD in Economics*, University of Minnesota - Twin Cities
Dissertation: "Import Competition, the Value of Time, and Intermediation in Trade"
Major Fields: Industrial Organization, Applied Econometrics, International Trade
2013, *MA in Economics*, University of Minnesota - Twin Cities
2007, *BA in Economics*, magna cum laude, Carleton College

PROFESSIONAL EXPERIENCE

2023 - Present, *Executive Vice President*, Compass Lexecon, Boston, MA
2019 - 2023, *Senior Vice President*, Compass Lexecon, Boston, MA
2017 - 2019, *Vice President*, Compass Lexecon, Boston, MA
2016 - 2017, *Senior Economist*, Compass Lexecon, Boston, MA
2011 - 2016, *Independent Consultant*, Compass Lexecon, Boston, MA
2013 - 2014, *Research Assistant*, Department of Economics, University of Minnesota
2012 - 2016, *Research Analyst/Visiting Scholar*, Research Department, Federal Reserve Bank of Minneapolis
2010 - 2011, *Advisor (Non-employee Affiliate)*, Transportation Practice, LECG, Cambridge, MA
2009 - 2010, *Senior Associate*, Transportation and Auction Groups, LECG, Cambridge, MA
2008 - 2009, *Associate*, Transportation and Auction Groups, LECG, Cambridge, MA
2007 - 2008, *Research Analyst*, Transportation and Auction Groups, LECG, Cambridge, MA

TEACHING EXPERIENCE

2013 - 2015, *Large Lecture Instructor*, Principles of Microeconomics, Intermediate Microeconomics, University of Minnesota, Department of Economics
2013, *Writing Assistant*, International Trade, University of Minnesota, Department of Economics
2011 - 2012, *Instructor*, Principles of Microeconomics, University of Minnesota, Department of Economics
2010 - 2011, *Teaching Assistant*, Principles of Microeconomics, Principles of Macroeconomics, University of Minnesota, Department of Economics
2006 - 2007, *Teaching Assistant*, Intermediate Price Theory, Carleton College, Department of Economics

PEER REVIEWED PUBLICATIONS

"Pricing by International Airline Alliances: A Retrospective Study Using Supplementary Foreign-Carrier Fare Data," with Jan K. Brueckner. *Economics of Transportation*, Vol. 20, 2019.

"Product Unbundling in the Travel Industry: The Economics of Airline Bag Fees," with Jan K. Brueckner, Darin Lee, and Pierre Picard. *Journal of Economics & Management Strategy*, Vol. 24, 457-484, 2015.

“What’s Your Number? Interpreting the ‘Fair and Equitable’ Standard in Labor Force Seniority Integration”, with Darin Lee. *Economics of Transportation*, Vol. 3, 2-15, 2014.

“City Pairs versus Airport Pairs: A Market-Definition Methodology for the Airline Industry”, with Jan K. Brueckner and Darin Lee. *Review of Industrial Organization*, Vol. 44, 1-25, 2014.

“Airline Competition and Domestic U.S. Airfares: A Comprehensive Reappraisal”, with Jan K. Brueckner and Darin Lee. *Economics of Transportation*, Vol. 2, 1-17, 2013.

“Alliances, Codesharing, Antitrust Immunity and International Airfares: Do Previous Patterns Persist?”, with Jan K. Brueckner and Darin Lee. *Journal of Competition Law & Economics*, Vol. 7, 573-602, 2011.

WORKING PAPERS

“Imports, Heavy Goods, and Competition Away from the Coast”

“Indivisibilities in Distribution” with Thomas Holmes, Working Paper 739, Federal Reserve Bank of Minneapolis

“Economic Cost of Cartels: Misallocation of Resources in U.S. Petroleum Drilling”

“Consumer Heterogeneity and Tied Subsidies: Participation in Automobile Scrapage Programs”, with Thomas Quan

TESTIMONY AND EXPERT REPORTS

- Expert report and deposition testimony in *Hasim A. Mohammed v. American Airlines, Inc.*, Superior Court of the State of California for the County of Santa Clara, Case No. 19CV342788, October 2022-December 2022.
- Expert report and deposition testimony in *Eva Solis v. American Airlines, Inc.*, U.S. District Court for the Central District of California, Case No. 2:19-cv-10181, June 2022.
- Expert report in *Kwanyu Helen Yu, v. American Airlines Group Inc. and American Airlines, Inc.*, District Court of Tarrant County, Texas, Cause No. 017-327138-21, May 2022.
- Expert report in *George E. Jones, III, v. Envoy Air Inc. and American Airlines, Inc.*, U.S. District Court for the Middle District of Louisiana, Case No. 3:20-cv-521, March 2022.
- Expert report in *Kouchi v. American Airlines, Inc.*, U.S. District Court for the Central District of California, Case No. 2:18-cv-7802-PSG-AGR, September 2021.
- Expert analysis in the *Matter of Arbitration between the Association of Professional Flight Attendants and American Airlines, Inc.*, Case #SS-186-2018-APFA-7 (Attendance Policy), June-September 2019.
- Expert report “An Analysis of Serious Prejudice to the Interests of Brazil Attributable to Subsidized Competition from Bombardier’s C Series Aircraft,” (with Darin Lee) in *Canada – Measures Concerning Trade in Commercial Aircraft*, World Trade Organization Dispute Settlement DS522, December 2018.
- Expert report and trial testimony in *John Swint v. Netjets Aviation, Inc.*, United States Department of Labor Office of Administrative Law Judges, Case No. 2014-AIR-00021, 2016-AIR-00011, October-December 2016.

REPRESENTATIVE CONSULTING ENGAGEMENTS

- Co-authored whitepapers evaluating the economic effects of numerous proposed international joint venture agreements:
 - Whitepaper evaluating Transatlantic Airline Competition and Joint Ventures, (with Jan Brueckner) for the U.S. Department of Transportation
 - Ex-post Analysis of Air New Zealand Revenue-Sharing Joint Venture Agreements, (with Jan Brueckner and Darin Lee)

- Economic Benefits of the Amended and Restated Alliance Agreement Between Copa and United Airlines (with Darin Lee)
- Co-authored whitepapers evaluating the impact of COVID-19 on the airline and related industries:
 - For Airlines for America, whitepaper (joint with Eric Amel and Darin Lee) evaluating the economic effects and public benefits of the CARES Act payroll protection grants for U.S. airlines, submitted to the U.S. Treasury Department in support of CARES Act Payroll Support Program relief, April 2020.
 - For American Airlines, whitepaper (joint with Eric Amel and Darin Lee) on the impact of COVID-19 on U.S. airlines submitted to the U.S. Treasury Department in support of CARES Act Payroll Support Program relief, April 2020.
 - For American Airlines, whitepaper (joint with Eric Amel, Darin Lee, and Erin Secatore) on the impact of COVID-19 on U.S. airlines submitted to the U.S. Treasury Department in support of CARES Act Payroll Support Program Extension, July 2020.
 - For the Independent Restaurant Coalition, whitepaper (joint with Eric Amel, Darin Lee, and Erin Secatore) on the impact of COVID-19 on independent restaurants, June 2020.
 - For Avianca, whitepaper (joint with Darin Lee), Economic Impact of Avianca's network on Colombia's air transportation service and the Colombian economy, August 2020.
 - For Air Canada, whitepapers (joint with Darin Lee), Long-Term Impact of Covid-19 on Passenger Airline Competition Between Canada And Europe, submitted to the European Commission, October 2020 and January 2021.
 - For a U.S. airline, whitepaper (joint with Eric Amel, Darin Lee, and Erin Secatore) on the impact of the U.S.-UK travel corridor on economic activity in the United States and United Kingdom, April 2021.
- Co-authored paper on behalf of United Airlines, "Newark's Chronic and Intensifying Congestion Threatens to Undermine the Economic Benefits of EWR as an Aviation and Employment Hub for New York City and the State of New Jersey in the Post-Pandemic World" (joint with Eric Amel, Darin Lee, and Erin Secatore).
- Co-authored paper on behalf of United Airlines, "United's Global Hub Operations at Houston Intercontinental Airport Provides Exceptional and Unique Benefits to Houston's Consumers and Economy" (joint with Darin Lee and Erin Secatore).
- Prepared papers and analysis for a major U.S. airline in support of HSR filings with U.S. Department of Justice.
- Expert consulting to Air Canada related to the proposed merger between Air Canada and Air Transat.
- Analysis for major U.S. airlines on the impact of COVID-19 on passenger demand and the airline industry.
- Presented analysis on issues related to competition and congestion to the U.S. Department of Transportation.
- Consulting expert for multiple airlines in labor and employment matters involving application of California meal period and rest break laws.
- Consulting expert for airline clients in Uniformed Services Employment and Reemployment Rights Act (USERRA) matters.
- Consulting expert in multiple matters related to the application of state and local paid sick leave laws to the airline industry.
- Consulting expert in litigation matter involving valuation of airline employee travel pass privileges.
- Led U.S.-based economics team and prepared and submitted presentations to regulators on competitive effects, network efficiencies and cost efficiencies in support of airline merger requiring antitrust approvals in multiple jurisdictions.
- Prepared and presented damages estimates and model during a settlement mediation in Hickcox-Huffman v. US Airways, Inc.
- Provided arbitration support and assisted in the development of expert exhibits and testimony for numerous labor arbitrations.

- In multiple RLA preliminary injunction and TRO matters, utilized economic and statistical techniques to determine whether there was evidence of a work slowdown and provided trial support for expert testimony.
- Supported expert witness testimony and expert reports in a variety of matters including large class action litigations, anti-trust litigation, and Airline Deregulation Act preemption litigation.
- Provided analysis of issues surrounding union seniority integration.
- Provided economic analysis of the competitive effects of potential U.S. airline mergers.
- Analyzed economic and anti-trust effects of proposed slot transaction involving two major airlines.
- Presented economic research and analysis to the U.S. Department of Justice in support of the United/Continental merger.
- Analyzed economic implications of a proposal to reduce congestion at a major U.S. airport.
- Developed bidding strategy and provided real-time strategy support for Google in FCC Auction 73.

SEMINARS AND CONFERENCE PRESENTATIONS

Panelist, American Bar Association, Section of Antitrust Law, Transportation and Energy Industries Committee: "Economic Analysis of Partial Acquisitions, JVs, and Alliances", June 2018

Panelist at American Bar Association, Section of Antitrust Law, Transportation and Energy Industries Committee: "Airlines and Antitrust: Fundamentals". Washington, D.C., May 2017

International Industrial Organization Conference, Boston, 2017

U.S. International Trade Commission, 2016

U.S. Bureau of Economic Analysis, 2016

U.S. Federal Trade Commission, 2016

Midwest Economic Association Meeting, Minneapolis, 2015

North America Summer meetings of the Econometric Society, Minneapolis, 2014

International Industrial Organization Conference, Chicago, 2014

International Industrial Organization Conference, Boston, 2011

Midwest Economic Association Meeting, Minneapolis, 2007

JOURNAL REFEREE

Contemporary Economic Policy, International Journal of Industrial Organization, Journal of Air Transport Management, Journal of Economics & Management Strategy, Journal of Industrial Economics, Regional Science and Urban Economics, Review of Economic Analysis, The Review of Economics and Statistics, Review of Industrial Organization, Review of Network Economics, Transport Policy, Transportation Research Part A, Transportation Research Part E

OTHER AFFILIATIONS

2013 - 2022, *Special Sworn Status Researcher*, U.S. Census Bureau

HONORS AND AWARDS

2020, Global Competition Review 40 Under 40

2015 - 2016, *Henry R Sandor Fellowship*, Department of Economics, University of Minnesota
2015, *Graduate Research Program Partnership Fellowship*, University of Minnesota
2013, *First Place, Third Year Paper Competition*, Department of Economics, University of Minnesota
2011, *Distinguished Instructor*, University of Minnesota
2010, 2011, *Distinguished Teaching Assistant*, University of Minnesota
2010 - 2011, *Mudgett Fellow*, Department of Economics, University of Minnesota
2007, *Best Paper, Undergraduate Paper Session*, Midwest Economic Association Meeting
2007, *Distinction on Senior Comprehensive Paper*, Department of Economics, Carleton College, 2007
2007, *A.M. Harrison Prize in Economics*, Carleton College
2006, *Winfield A. Foreman '37 Endowed Scholarship for Academic Excellence in Economics*