

CURRICULUM VITAE

Wei Tan

CONTACT INFORMATION:

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SUMMARY OF EXPERIENCE

Dr. Tan is a Managing Director at Mingde Economic Research Inc., an Affiliate of Analysis Group and an Adjunct Professor at Johns Hopkins University. He has substantial experience in applying economic analysis and econometric tools to antitrust cases, including mergers, regulatory proceedings, and litigation matters. He has conducted research in a broad spectrum of industries, including insurance, pharmaceuticals, telecommunications, microprocessors, chemicals, shipping, and computer equipment, industrial equipment, food, and many others. He has prepared expert reports and presented before antitrust enforcement agencies, including the US Department of Justice, Federal Trade Commission, the EU Competition Commission, and Chinese agencies including the State Administration for Market Regulation (SAMR), Ministry of Commerce (MOFCOM) and the National Development and Reform Commission (NDRC). Dr. Tan has written academic articles on topics ranging from competition economics, industrial organization, and applied econometrics. His research has been published in international journals such as *Quantitative Marketing and Economics*, *Review of Industrial Organization*, *Journal of Econometric Method*, *Advances in Econometrics*, *Emerging Market Finance and Trade*, *Concurrences and Competition Policy International*. He has taught courses in economics and econometrics at The Johns Hopkins University, Renmin University of China and State University of New York at Stony Brook. Prior to founding Mingde Economic Research Inc., Dr. Tan was a Vice President at Compass Lexecon. Before that, he was the Chair of Economics Department at Hanqing Advanced Institute of Economics and Finance at Renmin University of China.

AREAS OF EXPERTISE

Antitrust and competition economics
Applied econometrics
Intellectual property rights
Damages calculation

EDUCATION

2006 – *Ph.D. in Economics*, Johns Hopkins University, Baltimore, MD

2000 – *M.A. in Economics*, University of Miami, Miami, FL
1998 – *B.A. in Economics*, Wuhan University, Wuhan, China

PROFESSIONAL EXPERIENCE

2018 – Present, *Founder and Managing Director*, Mingde Economic Research Inc.
2018 – Present, *Affiliate*, Analysis Group
2016 – Present, *Associate Editor*, China Antitrust Law Journal
2016 – Present, *Adjunct Professor*, Johns Hopkins University
2014 – 2017, *Vice President*, Compass Lexecon, Washington, DC
2013 – 2014, *Academic Affiliate*, NERA Economic Consulting
2012 – 2014, *Chair of Economics Department*, Hanqing Advanced Institute of Economics and Finance, Renmin University of China
2005 – 2012, *Assistant Professor*, Department of Economics, State University of New York at Stony Brook

SELECTED PROJECT EXPERIENCE

As economic expert, prepared economic analysis and submitted report to State Administration for Market Regulation related to Boeing's acquisition of Embraer commercial business aircraft business (2019).

As economic expert, prepared economic analysis and submitted report to the Beijing Intellectual Property Court on behalf of Plaintiffs In Re: Panjin Dongxing Oil Field Service Company v. Petro China and Beckbery International (2019).

In support of expert, prepared rebuttal report in response to an investigation by SAIC in China related to the alleged conducts that abuse dominant position (2017).

In support of expert, prepared economic analysis and submitted report to the U.S. Federal Trade Commission (U.S. FTC) related to Alarm.com's acquisition of Icontrol Networks (2017).

In support of expert, prepared economic analysis and submitted report to the Taiwan Fair Trade Commission (TFTC) and the U.S. FTC related to the merger of Advanced Semiconductor Engineering (ASE) and Siliconware Precision Industries (SPIL) (2017).

In support of expert, developed economic and econometric evidence, and assisted in the preparation of expert report and testimony on behalf of Defendants – *In Re: U.S. and Plaintiff States v. Aetna and Humana* (2016).

In support of expert, prepared economic analysis and submitted report to MOFCOM related to Marriott International Inc.'s merger with Starwood Hotel and Resorts Worldwide, Inc (2016).

As economic expert, conducted economic analysis and prepared report on the anticompetitive effect of a proposed merger in the semiconductor industry (2015).

In support of expert, developed economic and econometric evidence, and assisted in the preparation of expert report and testimony on behalf of Defendants – *In Re: U.S. v. AB Electrolux and General Electric Company* (2015).

In support of expert, performed economic analysis for the successful acquisition of Globe Specialty Metals by Grupo Ferro Atlantica (2015).

In support of expert, developed economic and econometric evidence, and assisted in the preparation of expert report and testimony on behalf of the U.S. FTC – *In Re: Federal Trade Commission et al. v. Sysco Corporation and USF Holding Corp* (2015).

In support of expert, developed economic and econometric evidence, and assisted in the preparation of expert report in a TiO₂ cartel case (2015).

Co-authored a white paper that was submitted to the U.S. Department of Justice related to the acquisition of Dresser-Rand by Siemens (2015).

As economic expert for MOFCOM, provided economic analysis in the investigation of a proposed shipping alliance (2014).

As economic expert for MOFCOM, provided expert report on anticompetitive effect of the Merck KGaA's acquisition of AZ Electronic Materials (2014).

As economic expert for a pharmaceutical company, provided economic analysis to assist client in a bribery investigation in China (2014).

As economic expert, conducted economic analysis and prepared report on the anticompetitive effect of a proposed merger in the mobile device industry (2013).

OTHER EXPERIENCE

Participated in an American Bar Association working group to provide comments on the Anti-Monopoly Guideline of Intellectual Property Abuse issued by the National Development and Reform Commission, February 2016.

Participated in an American Bar Association working group to provide comments on the draft template for IPR Policies in Industry Standards Organizations issued by the Electronic Intellectual Property Center of the Ministry of Industry and Information Technology, January 2015.

Participated in an American Bar Association working group to provide comments on draft guidelines issued by the Hong Kong Competition Commission and Communication Authority regarding the First Conduct Rule and the Second Conduct Rule Under the Competition Ordinance, November 2014.

Provided training courses on the economics of antitrust to officials from the National Development and Reform Commission (NDRC), October 2013.

Prepared report to the National Development and Reform Commission (NDRC) on the exemption rules for vertical monopoly agreements, December 2012.

PUBLICATIONS

Zhenguo Wu, Wei Tan, Zhenguo WU (SAMR): A review of achievement and future direction of antimonopoly law enforcement in China, February 2019, *Concurrences Review* N° 1-2019, Art. N° 89414

Wei Tan, Qing Li, Qing LI (SAMR): The implementation of fair competition review system in China, February 2019, *Concurrences Review* N° 1-2019, Art. N° 89006

Merger control (10 years of the Anti-Monopoly Law in China - Beijing, 14 July 2018), with Shan Jiao and Ying Qin, November 2018, *Concurrences Review* N° 4-2018, Art. N° 88350

Introduction (10 years of the Anti-Monopoly Law in China - Beijing, 14 July 2018), with Hanhong Wu, November 2018, *Concurrences Review* N° 4-2018, Art. N° 88340

Is pharmaceutical detailing informative? Evidence from contraindicated drug prescriptions, with Guofang Huang and Matthew Shum, *Quantitative Marketing and Economics*, November 2018.

Cross Border Merger Controls And Notifications in the Asean Context (ASEAN Antitrust: The Future of Competition Law and Policy in the ASEAN Countries, Singapore, 24 April 2015), with Laurence Idot and Jith Jayaratne, February 2016, *Concurrences Review* N° 1-2016, Art. N° 77743

A Simple Estimator for Dynamic Models with Serially-Correlated Unobservables, with Yingyao Hu, Matthew Shum and Ruili Xiao, *Journal of Econometric Method*, November 2015

Which Competition Policy for China? (New Frontiers of Antitrust, 15 June 2015, Paris), with Zhan Hao and Angela Zhang, September 2015, *Concurrences Review* N° 3-2015, Art. N° 74827

China's Antitrust Policy: Recent Developments and Decision Patterns, with S.Sun and S.Evrard, *Emerging Market Finance and Trade*, 2015

A Dynamic Analysis of the U.S. Cigarette Market and Anti-smoking Policies, *Advances in Econometrics, Structural Econometric Models (Advances in Econometrics, Volume 31)*, Emerald Publishing, 2013.

A Preliminary Statistical Examination of China's Merger Review Policy, with S. Sun and S. Evrard, in *China Institute of International Antitrust and Investment*, First Annual Antitrust Symposium 2013, Frank L. Fine, Ph.D., ed., (Lexis Nexis, Inc.-Matthew Bender & Co., 2013), p.155-166, ISBN: 978-7698-6620-8.

SOEs and Competition Policy in China, *Competition Policy International Asia Column*, 2012.

A Theory on Predatory Advertising After a Demand-Reducing Shock, with Y. Chen, *Eastern Economic Journal*, Palgrave Macmillan, Vol. 38(4), pages 460-478, 2012.

The Effect of Anti-Smoking Media Campaign on Smoking Behavior: The California Experience, with H. Liu, *Annals of Economics and Finance*, Vol 10(1), 29-47, 2009.

The Effects of Taxes and Advertising Restrictions on the Market Structure of the U.S Cigarette Market, *Review of Industrial Organization*, Vol 28(3), 231 .251, 2006.

TEACHING EXPERIENCE

Johns Hopkins University, 2016 – Present

- Graduate: Microeconometrics, Law and Economics

Renmin University of China, 2012 – 2014

- Graduate: Industrial Organization, Econometrics, Antitrust Economics

SUNY-Stony Brook, 2005 – 2012

- Undergraduate: Industrial Organization, Intermediate Microeconomics
- Graduate: Industrial Organization

PRESENTATIONS

Panel speaker on Google cases and loyalty discount at Big Data and Anti-monopoly Conference, June 2019

Panel speaker on privacy and abuse of dominance at 3rd Annual CUPL/UNCTAD Conference, September 2018

Cohost of Panel Discussion on Merger Reivew at 10 year Anniversary of Antimonopoly Law conference, July 2018

Cohost of Panel Discussion on Artificial Intelligence and the Problem of Tacit Collusion at the 3rd Annual Conference on Technology and Antitrust, January 2018

Panel speaker at Annual Competition Policy and Law Conference (2017/2018), January 2018

Panel speaker at Navigating Antitrust Investigations in China, American Bar Association, October 2016

Panel speaker at Globalized Competition and International Cooperation in Antitrust Enforcement, September 2016

Panel speaker at China's Anti-Monopoly Law: Balancing IP & Antitrust Enforcement Issues LIVE

Webcast, September 2016

IP Roundtable, The Application of Antitrust Law to the Internet and Intellectual Property, Beijing, December 2015

Workshop on Non-Practicing Entities, Beijing, December 2015

Private Antitrust Enforcement in China, New Frontiers of Antitrust, Paris, June 2015

The Use of Economics in Chinese Antitrust Proceedings, The Coca Cola Company Global Antitrust Forum, November 11th – 12th 2014

An Empirical Analysis of Credit Ratings Game in Subprime Mortgage-Backed Security Market, Renmin University China, March 2014

An Empirical Analysis of Credit Ratings Game in Subprime Mortgage-Backed Security Market, Federal Reserve Board November 2013

Discussant at Federal Trade Commission Sixth Annual Microeconomics Conference, November 7 – 8, 2013

Discussant at Workshop on State Aid and Service of General Economic Interest in Competition Policy, Kunming, China, October 21, 2013

Economic Analysis of Joint Ventures in the M&A, Economic Analysis and Antitrust Seminar, September 15, 2013

A Simple Estimator for Dynamic Models with Serially-Correlated Unobservables, Econometric Society China Meetings, June 2013

How Optimal are Credit Card Companies? Comparing Randomized vs. Non-randomized offers, Econometric Society China Meetings, June 2013

Discussant at the First Annual Symposium of China Institute of International Antitrust and Investment (CIIAI), March 21 –22 2013

A Simple Estimator for Dynamic Models with Serially-Correlated Unobservables, Renmin University of China

China's Antitrust Policy: Recent Developments and Decision Patterns, World Conference on Sinology 2012, November 2012

How Optimal are Credit Card Companies? Comparing Randomized vs. Non-randomized offers, CKGSB, December 2012

Estimating the Demand for Credit Card, A Regression Discontinuity Approach, Cornerstone, Federal Reserve Board

A Dynamic Analysis of Credit Rating Market, International Industrial Organization Society Meeting, Boston, April 2009

Does Competition improve the quality of product? Evidence in the ABS market, Southern Economic Association Meetings, Washington DC, November 2008

Model Specific Weighting for Non-Response, Econometric Society Winter Meetings, New Orleans, January 2008

Predatory Advertising: Theory and Evidence in the Pharmaceutical Industry, American Economic Association Meetings, New Orleans, January 2008

Estimating the Demand for Credit Card, A Regression Discontinuity Approach, International Industrial Organization Society Meeting, Washington DC, May 2008, The Federal Reserve Bank at New York, March 2008, Shanghai University of Finance and Economics, May 2007

Predatory Advertising: Theory and Evidence in the Pharmaceutical Industry, Southern Economic

Association Meetings, New Orleans, November 2007, Yale University, November 2007, Drexel University, November 2007, Shanghai Jiaotong University, May 2007, Summer Workshop on Industrial Organization and Management Strategy, May 2007, Econometric Society Summer Meetings, Durham, June 2007, International Industrial Organization Society Meeting, Savannah, April 2007

Empirical Testing of Adverse Selection and Moral Hazard in the Consumer Credit Card Market, Econometric Society Winter Meetings, Chicago, January 2007, International Industrial Organization Society Meeting, Savannah, April 2007

A Dynamic Analysis of the U.S. Cigarette Market and Anti-smoking Policies New York University, Johns Hopkins University, Arizona State University, Rutgers, North Carolina State University, University of Oklahoma, Georgia State University, SUNY-Stony Brook, Charles River Associates, NERA, 2006

The Effects of Taxes and Advertising Restrictions on the Market Structure of the U.S. Cigarette Market, Western Economic Association International Meeting, San Francisco