

Yiyuan Zhang, Ph.D.

Economist
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Professional Summary

Dr. Zhang specializes in applying microeconomic, econometric and statistical methods to litigation matters. He has extensive experience analyzing big data, including corporate administrative data and web scraped data. Dr. Zhang is proficient in various statistical tools and well-versed in econometric methodologies. He has conducted analyses in matters related to antitrust, commercial disputes, and damage estimations across a range of industries – including energy, health care and financial markets. Dr. Zhang has supervised and managed analyst teams to develop analytical frameworks and interactive products that suit the needs of the clients.

Education

2017 Ph.D., Economics, The University of Michigan
2010 M.A., Economics, Peking University
2008 B.S., Geology, Peking University

Selected Engagements

- Investigation of ICE daily index manipulation in the western electricity market and quantification of associated damages to trading parties
- Analysis of high-frequency trading data to show evidence, or lack thereof, that the benchmark indices in the foreign exchange market have been rigged by the participating banks
- Assessment of exposure and damages in a breach of contract class action related to payment card processing services
- Assisting expert in evaluating the reasonableness of top executives' compensation in a major media corporation
- Evaluation of whether certain undisclosed information in the IPO process has material impact on the client's revenues and costs
- Evaluation of fuel security risks in the New England electricity market and identifying market solutions

- Developing interactive models for damage assessment in opioid related lawsuits

Professional Experience

- Economist, Advanced Analytical Consulting Group, Inc. 2019–present.
- Associate, Analysis Group, 2017-2019.
- Graduate Student Instructor, University of Michigan, 2012-2016.

Invited Presentation

- AAEA Annual Meeting, Analysis Group, Brattle Group, Empirical Microeconomics Workshop (hosted by the University of Calgary), Heartland Environmental and Resource Economics Workshop (hosted by UIUC), Hong Kong University of Science and Technology, New York University, MSU/UM/WMU Energy & Environmental Economics Workshop (hosted by Michigan State University), Western Economic Association Annual Conference