

YIXUAN LIU

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ACADEMIC APPOINTMENTS

Krannert School of Management, Purdue University

Assistant Professor of Management (Management Information Systems Area)

2020 -

EDUCATION

McCombs School of Business, University of Texas at Austin

Ph.D., Information, Risk, and Operations Management

2014 - 2020

Tsinghua University

B.S., Pure and Applied Mathematics

2010 - 2014

B.A., Economics

2011 - 2014

RESEARCH INTERESTS

Topic: Digital Platforms, Healthcare, Sharing Economy, Global Supply Chain Management

Methodology: Economic Modeling, Econometrics, Applied Machine Learning, Field Experiments

RESEARCH PAPERS

Published Papers

“International Taxation and Production Outsourcing,” with Guoming Lai and Wenqiang Xiao, *Forthcoming at Production and Operations Management*.

“Efficient Real-Time Routing for Autonomous Vehicles through Bayesian Correlated Equilibrium: An Information Design Framework,” with Andrew B. Whinston, *Forthcoming at Information Economics and Policy*.

Working Papers

“Pricing, Quality and Competition at On-Demand Healthcare Service Platforms,” with Xiaofang Wang, Steve Gilbert and Guoming Lai, *Major Revision at Manufacturing & Service Operations Management*.

“On-Demand Healthcare Platforms: Impact of Subsidized Q&A Service on Demand for Online Consultation and Offline Appointment,” with Ashish Agarwal, Guoming Lai and Weihua Zhou

“Analysis of Optimal Inventory Management for Dual Blood Products with Dual Sources,” with Youyi Feng and Guoming Lai, *Reject and Resubmit at Management Science*.

Work in Progress

“Gatekeeping Systems with Patient Choice,” with Xiaofang Wang and Guoming Lai.

TEACHING EXPERIENCE

University of Texas at Austin

OM s335 – Operations Management (Undergraduate Core)

Evaluation: 4.5/5. Class size: 55.

Summer 2018

PROFESSIONAL ACTIVITIES

Conference & Seminar Presentations

2020: Fudan University (School of Management), Renmin Business School, CUHK Business School, London Business School, Fordham University (Gabelli School of Business), Purdue University (Krannert School of Management)

2019: Clemson University (College of Business), Michigan State University (Eli Broad College of Business), Southern University of Science and Technology, INFORMS, CIST, POMS

2018: MSOM, INFORMS, TPI's Artificial Intelligence conference, NBER Conference on the Economics of Autonomous and Electric Vehicles

2017: POMS, INFORMS

HONORS & AWARDS

Third Prize, CSAMSE Best Paper Competition,	<i>2019</i>
GS University Graduate Continuing Fellowship, UT Austin	<i>2017</i>
McCombs Dean's Fellowship, UT Austin	<i>2014, 2015, 2016, 2018</i>
Outstanding Undergraduate Award, Tsinghua University	<i>2014</i>
129 Scholarship of Tsinghua University (first class scholarship)	<i>2013</i>