

# YIXUAN LIU

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## ACADEMIC APPOINTMENTS

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### Krannert School of Management, Purdue University

Assistant Professor of Management (Management Information Systems Area)

2020 -

## EDUCATION

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### 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

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

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

## RESEARCH PAPERS

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### 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

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### University of Texas at Austin

OM s335 – Operations Management (Undergraduate Core)

Summer 2018

*Evaluation: 4.5/5. Class size: 55.*

## PROFESSIONAL ACTIVITIES

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## 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

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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>