

Jiayu Chen | Curriculum Vitae

Price College of Business, The University of Oklahoma

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Academic Position

Assistant Professor in Marketing and Supply Chain Management *August 2023 - Present*
Price College of Business, The University of Oklahoma Norman, OK

Assistant Professor in Operations and Supply Chain Management *September 2020 - May 2023*
Haskayne School of Business, University of Calgary Calgary, AB, Canada

Education

Ph.D., Management Science *August 2020*
The University of Texas at Dallas Richardson, TX
Naveen Jindal School of Management

M.S., Applied Mathematics *May 2014*
University of Illinois at Urbana-Champaign Champaign, IL
Department of Mathematics

B.S., Mathematics (Honors: Cum Laude) *May 2012*

B.S., Graphic Design *May 2012*

Syracuse University Syracuse, NY
The College of Arts and Sciences/S.I. Newhouse School of Public Communications

Research Interests

Applications: Socially Responsible Supply Chains, Sustainable Operations Management, Behavioral Operations Management.

Methodologies: Game Theory, Behavioral Experiments, Econometrics, Dynamic Programming, Optimization.

Research Papers

Publication.....

Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains, with Anyan Qi and Milind Dawande. *Manufacturing & Service Operations Management*, 22(6), pp. 1199-1214. 2020. [DOI].

– Honorable Mention, POMS College of Sustainable Operations 2019 Best Student Paper Competition.

Working Paper.....

Combating Excessive Overtime in Global Supply Chains, with Chuanya Jiao and Anyan Qi. Reject & Resubmit at *Management Science*. [SSRN]

The Behavioral Peril of Low Cost Sourcing, with Elena Katok and Anyan Qi.

Work-in-Progress.....

Reducing Waste in Online Retailing, with Milind Dawande, Ganesh Janakiraman, and Anyan Qi.

Stage Model of Service Outsourcing: A Behavioral Experiment, with Mei Li, Ning Ma, and Yimin Wang.

Teaching Experience

OPMA 317: Fundamentals of Operations and Supply Chain Management *Winter 2022, 2021*
University of Calgary

- Core undergraduate course
- Instructor Evaluation: 6/7, 6.7/7 (Winter 2022), 7/7, 7/7, 7/7 (Winter 2021).

OPMA 301: Introduction to Operations and Supply Chain Management *Winter 2022*
University of Calgary

OPMA 411: Field Investigation in Operations and Supply Chain Management *Winter 2021*
University of Calgary

- Project-based experiential learning course concerned with operational improvements in collaboration with an organization.
- Supervised a team consisting of 4 students working on a single project. Students were required to complete oral presentations and written reports throughout the semester.
- Met with the student team every week to serve as a combination of consultant and taskmaster.

OPMA 415: Prescriptive Models in Business Analytics *Fall 2022, Winter 2023*
University of Calgary

- Instructor Evaluation: 6.5/7 (Fall 2022), 6.8/7 (Winter 2023).

OPRE 3310: Operations Management *Summer 2019, Spring 2018*
The University of Texas at Dallas

- Core undergraduate course
- Instructor Evaluation: 4.8/5 (Summer 2019), 4.8/5 (Spring 2018).

OPRE 3360: Managerial Methods in Decision Making under Uncertainty *Spring 2019*
The University of Texas at Dallas

- Core undergraduate course
- Designed and developed a classroom game using SoPHIE¹ to practice the concept of expected value, which generated discussions about decision making under uncertainty in the context of social responsibility in supply chains.
- Instructor Evaluation: 4.5/5.

Academic Presentations and Conferences

Invited Seminars

“Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains”

December 2019 - January 2020: The Chinese University of Hong Kong, Shenzhen, School of Management and Economics; Indiana University Bloomington, Kelley School of Business; Michigan State University, Eli Broad College of Business; University of Calgary, Haskayne School of Business.

Invited Talks and Conference Presentations

“Combating Excessive Overtime in Global Supply Chains”

CORS/INFORMS International Conference, Vancouver, CA *2022*

“Reducing Waste in Online Retailing”

INFORMS Annual Meeting (Virtual) *2021*

¹Software Platform for Human Interaction Experiments (www.sophielabs.com).

“The Behavioral Peril of Low Cost Sourcing”

<i>INFORMS Annual Meeting (Virtual)</i>	2020
<i>INFORMS Annual Meeting, Seattle, WA</i>	2019
<i>POMS Annual Conference, Washington D.C.</i>	2019

“Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains”

<i>INFORMS Annual Meeting, Seattle, WA</i>	2019
<i>POMS Annual Conference, Washington D.C.</i>	2019
<i>INFORMS Annual Meeting, Phoenix, AZ</i>	2018
<i>MSOM Conference, Dallas, TX</i>	2018
<i>POMS Annual Conference, Houston, TX</i>	2018
<i>INFORMS Annual Meeting, Houston, TX</i>	2017
<i>POMS Annual Conference, Seattle, WA</i>	2017
<i>INFORMS Annual Meeting, Nashville, TN</i>	2016

Academic Service

PhD Student Supervisory Committee Member: Steven Chou and Seyed Mohammadreza Shahsahebi

Reviewer for Journals: *Production and Operations Management, Decision Sciences, IISE*

Cluster Co-chair: Behavioral Operations Management (BOM) at INFORMS Annual Meeting, Anaheim, CA, 2021

Session Chair: POMS Annual Conference, Washington D.C., 2019

Judge: Student Conference on Operations (SCOPE), April 2022

Honors & Awards

Dean’s Excellence Scholarship at UT Dallas, 2019-2020.

Nomination for Outstanding Student Teacher Award, Spring 2018.

Distinction in Mathematics at Syracuse University, 2012.

Pi Mu Epsilon Honor Society, 2012.

Chancellor’s Scholarship at Syracuse University, 2007-2012.

S.U. Merit Scholarship at Syracuse University, 2007-2012.

Superior Scholarship on the Dean’s List of S.I. Newhouse School of Public Communications, 2010-2011.

Superior Scholarship on the Dean’s List of College of Arts & Sciences, 2008-2011.

Technical Skills and Training

Data Analysis: SAS, STATA, R.

Scientific Computing: MATLAB, Mathematica.

Programming Languages: Python, SQL, SoPHIE.

Training: Optimization, Stochastic Process, Dynamic Programming, Optimal Control Theory, Methods of Applied Statistics, Statistical Inference, Real Analysis, Game Theory, Econometrics, Industrial Organization, Pricing and Revenue Management, Behavioral Operations Management.