

# Jiayu Chen | Curriculum Vitae

Price College of Business, The University of Oklahoma

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## Academic Position

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*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

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*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

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

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

## Research Papers

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### 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. Major Revision at *Management Science*. [SSRN]

– Finalist in 2022 INFORMS PSOR Best Paper Award

– Third place in 2022 ISCOM Best Paper Award

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

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**SCM 3523: Production/Operations Management** *Spring 2024*  
University of Oklahoma

**SCM 3113: Principles of Supply Chain Management** *Spring 2024*  
University of Oklahoma

**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).

**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.

**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 SoPHIE<sup>1</sup> 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.

**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).

## Academic Presentations and Conferences

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### 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 .....

<sup>1</sup>Software Platform for Human Interaction Experiments ([www.sophielabs.com](http://www.sophielabs.com)).

<b>“Combating Excessive Overtime in Global Supply Chains”</b> <i>POMS Annual Conference, Minneapolis, MN</i>	2024
<b>“Combating Excessive Overtime in Global Supply Chains”</b> <i>CORS/INFORMS International Conference, Vancouver, CA</i>	2022
<b>“Reducing Waste in Online Retailing”</b> <i>INFORMS Annual Meeting (Virtual)</i>	2021
<b>“The Behavioral Peril of Low Cost Sourcing”</b> <i>INFORMS Annual Meeting (Virtual)</i>	2020
<i>INFORMS Annual Meeting, Seattle, WA</i>	2019
<i>POMS Annual Conference, Washington D.C.</i>	2019
<b>“Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains”</b> <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

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**PhD Student Supervisory Committee Member (University of Calgary):** Steven Chou and Seyed Mohammadreza Shahsahebi

**Reviewer for Journals:** *Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, Decision Sciences, IISE*

**Session Co-chair:** POMS Annual Conference, Atlanta, GA, 2025

**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

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*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

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**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.