

Jiayu Chen | Curriculum Vitae

Haskayne School of Business, University of Calgary
2500 University Drive NW, T2N 1N4

✉ jiayu.chen1@ucalgary.ca 🌐 www.jiayu-chen.com

Academic Position

Assistant Professor in Operations and Supply Chain Management
Haskayne School of Business, University of Calgary

September 2020 - Present
Calgary, AB, Canada

Education

Ph.D., Management Science
The University of Texas at Dallas
Naveen Jindal School of Management

August 2020
Richardson, TX

M.S., Applied Mathematics
University of Illinois at Urbana-Champaign
Department of Mathematics

May 2014
Champaign, IL

B.S., Mathematics (Honors: Cum Laude)
B.S., Graphic Design

May 2012
May 2012

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

Syracuse, NY

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. Under Review 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
- Taught twice a week; held weekly office hours; coordinately developed teaching materials (assignments and exams) with other instructors.
- 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

- Taught twice a week; held weekly office hours; developed and tailored teaching materials (lectures slides, assignments and exams) for non-business undergraduate students.

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

- Core undergraduate course
- Taught every week; held weekly office hours; designed in-class activities; developed teaching materials (lectures slides, assignments and exams) with other instructors; graded assignments and exams.
- 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
- Taught every week; held weekly office hours; developed teaching materials (lectures slides, assignments and exams) with other instructors; graded assignments and exams.
- 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*

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

“Reducing Waste in Online Retailing”

INFORMS Annual Meeting (Virtual) 2021

“The Behavioral Peril of Low Cost Sourcing”

INFORMS Annual Meeting (Virtual) 2020

INFORMS Annual Meeting, Seattle, WA 2019

POMS Annual Conference, Washington D.C. 2019

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

INFORMS Annual Meeting, Seattle, WA 2019

POMS Annual Conference, Washington D.C. 2019

INFORMS Annual Meeting, Phoenix, AZ 2018

MSOM Conference, Dallas, TX 2018

POMS Annual Conference, Houston, TX 2018

INFORMS Annual Meeting, Houston, TX 2017

POMS Annual Conference, Seattle, WA 2017

INFORMS Annual Meeting, Nashville, TN 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.