Jiayu Chen | Curriculum Vitae

Haskayne School of Business, University of Calgary
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Academic Position

Assistant Professor in Operations and Supply Chain Management   *September 2020 - Present*
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   *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

Chen, J., Qi, A., and Dawande, M., 2020. Supplier Centrality and Auditing Priority in Socially Responsible Supply Chains. **Manufacturing & Service Operations Management** (Forthcoming).

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

Work-in-Progress

Chen, J., Katok, E., and Qi, A., 2020. The Behavioral Peril of Low Cost Sourcing. Working Paper.

Chen, J., Dawande, M., Janakiraman, G., and Qi, A., 2020. Reducing Waste in Online Retailing. Work-in-Progress.

Teaching Experience

Primary Instructor

Operations Management   *Summer 2019, Spring 2018*
The University of Texas at Dallas   *Richardson, TX*

– Core undergraduate course with 61 students (Summer 2019) and 47 students (Spring 2018).

– 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: 4.8/5.0 (Summer 2019), 4.8/5.0 (Spring 2018).

Managerial Methods in Decision Making under Uncertainty (Business Statistics) *Spring 2019*
The University of Texas at Dallas   Richardson, TX

- Core undergraduate course with 80 students.
- 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 SoPHIE[1] to practice the concept of expected value, which generated discussions about decision making under uncertainty in the context of social responsibility.
- Instructor Evaluation: 4.5/5.0.

Teaching Assistant

Undergraduate: Operations Management, Managerial Methods in Decision Making under Uncertainty, Application of Linear Algebra.

MS & MBA: Operations Management, Statistics and Data Analysis.

- held office hours and/or tutorial sessions every week; graded assignments.

Honors and 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.

Academic Presentations and Conferences

Invited Talks and Conference Presentations

"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*

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

"The Behavioral Peril of Low Cost Sourcing"

INFORMS Annual Meeting, Seattle, WA 2019
POMS Annual Conference, Washington D.C. 2019

Academic Workshops and Conferences

Behavioral Operations Management Summer Institute for PhD students
(Co-sponsored/supported by Michigan, Wisconsin-Madison, and Harvard) 2019
POMS Doctoral Consortium 2019
POMS Doctoral Consortium 2017

Academic Service

Reviewer for Journals: *Decision Sciences*

Session Chair – *POMS Annual Conference, Washington D.C., 2019*

Professional Membership – *INFORMS, MSOM Society, POM Society*