

Xiao Alison Chen

Peter T Paul College of Business and Economics, University of New Hampshire
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ACADEMIC POSITION **University of New Hampshire**, Durham, NH August, 2018 - present
Peter T. Paul College of Business and Economics
Assistant Professor

EDUCATION **University of Minnesota**, Minneapolis, MN July, 2018
Ph.D. Industrial Engineering
Advisor: Dr. Zizhuo Wang
Dissertation: Supply Chain Pricing, Risk-Return Analysis, and Online Resource Allocation

Tianjin University June 2012
B.S. Supply Chain and Logistics Engineering
Thesis: Route Optimization with Carbon Emission Cost

PUBLICATIONS AND WORKING PAPERS **Xiao Alison Chen**, Zizhuo Wang. A Near-Optimal Dynamic Learning Algorithm for Online Matching Problems with Concave Returns. *European Journal of Operational Research*, 247(2): 379-388, 2015.

Xiao Alison Chen, Zizhuo Wang, Hongsong Yuan. Optimal Pricing for Selling to a Static Multi-Period Newsvendor. *Operations Research Letters*, 45(5):415-420, 2017.

Xiao Alison Chen, Rowan Wang, Jianghua Zhang. Divide and Conquer: a Hygienic, Efficient, and Reliable Assembly-Line for Housekeeping. *Manufacturing & Service Operations Management*. <https://doi.org/10.1287/msom.2021.0984>.

 Yan Liu, **Xiao Alison Chen**, Zizhuo Wang. Assortment Optimization with Multinomial Logit Choice Model in Multi-Channel Retailing. Working paper. Available at SSRN: <https://ssrn.com/abstract=3319588>.

 Hongguang Bo, **Xiao Alison Chen**, Qian Luo. Manufacturing Rescheduling for Crisis or Disaster Caused Disruption. Working paper. Available at SSRN: <https://ssrn.com/abstract=3902825>

Xiao Alison Chen, Kholekile Gwebu. Impact of COVID-19 Pandemic to the Restaurant Industry. Working paper.

TEACHING **University of New Hampshire**
Peter T. Paul College of Business and Economics

- ADMN 580 Quantitative Decision Making Fall, 2018 - Spring, 2021
- DS 671 Business Analytics and Spreadsheet Modeling Spring, 2021
- DS 671 Data Visualization and Prescriptive Analytics Spring, 2022
- DS 808 Optimization Method II Spring, 2022

University of Minnesota
Department of Industrial and Systems Engineering

- IE 5522 Quality Control and Reliability Spring 2016

- PRESENTATIONS**
- Divide and Conquer: a Hygienic, Efficient, and Reliable Assembly-Line for Housekeeping
- INFORMS Annual Meeting, Virtual, November 2020
- Optimal Pricing for Selling to a Static Multi-Period Newsvendor
- INFORMS Annual Meeting, Houston, TX, October 2017
 - University of Minnesota, Minneapolis, MN, October 2017
 - POMS Hong Kong, Hong Kong, China, January 2019
 - Tianjin University, January 2019
- Optimal Pricing Policy in Multi-Period Newsvendor Models
- IIE Annual Conference, Nashville, TN, May 2015
 - SIAM Student Chapter at UMN, Minneapolis, MN, December 2015
- A Near-Optimal Dynamic Learning Algorithm for Online Matching Problems
- INFORMS Annual Meeting, Minneapolis, MN, October 2013
 - SIAM Conference on Optimization, San Diego, CA, May 2014
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STUDENT ADVISING

Dagny Wilkins, MSBA student, Summer 2021
Carter Mercer, MSBA student, 2020-2021
Ethan Pollet, Undergraduate Honors Program student, Spring 2021
Jake Hewins, Undergraduate Honors Program student, Fall 2019

PROFESSIONAL SERVICES

Journal Reviews:
Production and Operations Management
Operations Research Letters
Journal of Supply Chain and Operations Management
Int'l J of Operations Research and Information Systems
Petroleum Science

Conference and Other Reviews:
Southeast Decision Sciences Institute 2022
AMA Global Marketing SIG 2019

Others:
Paul College Policies & Procedures Committee, Spring 2022
Master of Business Analytics Admissions Committee, Spring 2022
Paul College Business Analytics Initiative - Faculty Advisory Committee, 2021
ISBA Option Redesign Taskforce, Fall 2020
Decision Sciences Department Bylaws Review Committee, Spring 2021
UNH Paul Scholars Discussion Circle, Analytics group organizer, 2020
IIE Annual Conference 2015, Nashville, TN, Session Chair.
INFORMS Annual Meeting 2013, Minneapolis, MN, Session Chair.

COMPUTER SKILLS

MATLAB, Python, R, Tableau, SQL, Mathematica, CPLEX, Visual Basic, AMPL, Microsoft Project, AutoCAD, AnyLogic, Lindo.

MEMBERSHIPS

INFORMS MSOM Society, Analytics Society
Decision Sciences Institute (DSI)