

WANNING CHEN

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ACADEMIC POSITION

Assistant Professor, Foster School of Business, University of Washington July 2022 - present
Department of Information Systems & Operations Management Seattle, WA

EDUCATION

Stanford University September 2016 - June 2022
Ph.D. in Business Administration (Operations, Information and Technology) Stanford, CA
Graduate School of Business
Advisor: Mohsen Bayati

Pomona College September 2012 - May 2016
Bachelor of Arts in Mathematics Claremont, CA
magna cum laude
Phi Beta Kappa
Pomona College Scholar
Thesis Advisor: Vin de Silva
Academic Advisor: Shahriar Shariari

Budapest Semesters in Mathematics Fall 2014
Study Abroad Program Budapest, Hungary

RESEARCH INTERESTS

Learning and decision-making in high-dimensional statistics; Matrix-shaped data; Sequential decision-making; Synthetic control; Experimental design; Causal inference

WORKING PAPERS

1. **Chen, W.**, Ye, C. (2023). High-Dimensional Learning from Multi-Sourced Data *In Preparation*.
2. Bayati, M., Cao, J., **Chen, W.** (2022). Speed Up the Cold-Start Learning in Two-Sided Bandits with Many Arms. *Under Review at Management Science*.
3. **Chen, W.**, Bayati, M. (2021). Learning to Recommend Using Non-Uniform Data. *Under Review at Management Science*.

PRESENTATIONS

High-Dimensional Learning from Multi-Sourced Data

- POMS 2023 (scheduled) Orlando, FL
- INFORMS Healthcare 2023 (scheduled) Toronto, Canada
- INFORMS Annual Meeting 2023 (scheduled) Phoenix, AZ

Speed Up the Cold-Start Learning in Two-Sided Bandits with Many Arms

- MSOM SIG 2023 (scheduled) Montreal, Canada
- The Chinese University of Hongkong - Shenzhen 2023 Virtual

- University of Washington, ISE Seminar, 2023 Seattle, MA
- Boston University, CISE Seminar, 2023 Boston, MA
- Conference on Artificial Intelligence, Machine Learning, and Business Analytics 2022 Cambridge, MA
- INFORMS Annual Meeting 2022 Indianapolis, IN
- INFORMS Revenue Management and Pricing Section Conference 2022 Virtual
- Marketplace Innovation Workshop (poster session) 2022 Virtual

Learning to Recommend Using Non-Uniform Data

- INFORMS Annual Meeting 2021 Anaheim, CA
- Cornell ORIE Young Researchers Workshop (poster session) 2021 Ithaca, NY
- Manufacturing and Service Operations Management Conference 2021 Virtual
- Canadian Operational Research Society Annual Conference 2021 Virtual
- INFORMS Annual Meeting 2020 Virtual

TEACHING EXPERIENCE

Foster School of Business, University of Washington, *instructor*

Database Management (IS 445, Undergrad) Spring 2023
 Database Systems and Applications (MSIS 545 Accelerated, Master) Spring 2023

Graduate School of Business, Stanford University, *Teaching assistant*

Business Intelligence from Big Data (OIT 367, MBA Core) Fall 2019, Fall 2020
 Data, Learning, and Decision-Making (OIT 604, PhD Course) Winter 2019, Winter 2020

Mathematics Department, Pomona College, *Teaching assistant*

Linear Algebra, Probability, Number Theory and Cryptography, Deterministic Operations Research

AWARDS AND FELLOWSHIPS

The Wells Family Fellowship	2021
The Kevin T. Callaghan Fellowship	2020
The Lee Chang Yung GSB Fellowship	2019
The Kiam Family Fellowship	2018
Froland Family Fellowship	2017
Robert H. Litzberger PhD Fellowship	2016
EDGE Fellowship	2016
Pomona Award and Prize for Math Majors	2013

SERVICE

Ad-hoc Reviewer for *Management Science*, *POMS*

EXTRACURRICULARS:

I am into traditional chinese medicine (TCM), organizing my space and classical music. I went to Vienna, Austria for a music history & performance summer program in 2016 and had great fun there.