

# Bing Bai

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CONTACT INFORMATION	Bronfman Building 517 1001 rue Sherbrooke Ouest Montreal, Quebec, Canada H3A1G5	<i>Phone:</i> +1 (438) 867-8439 <i>E-mail:</i> <a href="mailto:bing.bai3@mcgill.ca">bing.bai3@mcgill.ca</a> <i>Website:</i> <a href="http://www.bingbai.net">www.bingbai.net</a>
RESEARCH INTERESTS	Online Platforms; Human-algorithm Connection; Field Experiments; Structural Estimation; Machine Learning.	
ACADEMIC POSITION	<b>Desautels Faculty of Management, McGill University</b> <ul style="list-style-type: none"><li>Assistant Professor of Operations Management</li></ul> 2023–Present	
EDUCATION	<b>Olin Business School, Washington University in St. Louis</b> <ul style="list-style-type: none"><li>Ph.D. Candidate in Supply Chain, Operations, and Technology</li><li>Advisor: Dennis J. Zhang, Fuqiang Zhang</li></ul> <b>Tsinghua University</b> <ul style="list-style-type: none"><li>B.S. in Mathematics and Physics</li><li>Minor in Finance</li></ul> 2017–2023 2013–2017	
PUBLISHED PAPER	1. Bing Bai, Hengchen Dai, Dennis J. Zhang and Fuqiang Zhang (2022). The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments. <b>Manufacturing &amp; Service Operations Management</b> . <a href="#">[Link]</a>	
WORKING PAPERS	2. Bing Bai, Tat Y. Chan, Dennis J. Zhang, Fuqiang Zhang, Yujie Chen and Haoyuan Hu. The Value of Logistic Flexibility in E-commerce, Major revision at <b>Management Science</b> . 3. Bing Bai, Tat Y. Chan, Dennis J. Zhang and Fuqiang Zhang. Motivating E-commerce Sustainability: Structural Estimation From a Package Recycling Program. <i>Work in Progress</i> . 4. Bing Bai, Nick Clyde and Dennis J. Zhang. Ridesharing Platforms Impact on Healthcare Access. <i>Work in Progress</i> .	
HONORS AND AWARDS	<ul style="list-style-type: none"><li>Honorable Mention, CBOM Junior Scholar Paper Competition, 2023</li><li>Second Place, CSAMSE Best Paper Award Competition, 2021</li><li>Third Place, Wharton People Analytics White Paper Competition, 2021</li><li>One of the best accepted papers, Academy of Management Annual Meeting program, 2021</li><li>Moog Scholar Award, Olin Business School, 2021</li><li>Finalist, CBOM Junior Scholar Paper Competition, 2020</li></ul>	

## PROFESSIONAL SERVICES

- Referee for Management Science, Manufacturing & Service Operations Management, Production and Operations Management
- Track chair for 2024 POMS College of Behavioral Operations Management
- Session chair for INFORMS Annual Meeting, 2021-2024
- Session chair for POMS Annual Conference, 2022-2024
- Judge for TIE SIG of MSOM, 2023-2024
- Judge for INFORMS Service Science Student Paper Competition, 2023
- Judge for iFORM SIG of MSOM, 2023
- Session chair for ISMS Marketing Science Conference, 2022

## TEACHING EXPERIENCE

### Instructor

- Undergraduate Core: Operations Management 2024 Winter

### Teaching Assistant

- PhD Core: AI & Machine Learning for Business Applications 2022 Fall
- EMBA Core: Data Analytics and Decisions 2022 Spring
- Master Core: Introduction to Python and Data Science 2021 Fall, 2020 Fall, 2019 Fall
- Undergraduate Core: Data Analytics in Python 2021 Fall, 2020 Fall
- EMBA Core: Data-Driven Decision Making for Executives 2021 Fall

## CONFERENCE PRESENTATIONS

### “The Value of Logistic Flexibility in E-commerce”

- POMS Annual Meeting, Orlando, FL 2023
- INFORMS Annual Meeting, Indianapolis, IN 2022
- AOM Annual Meeting, Seattle, WA 2022
- POMS International Meeting, Virtual Conference 2022
- ISMS Marketing Science Conference, Virtual Conference 2022
- POMS Annual Meeting, Virtual Conference 2022
- INFORMS Annual Meeting, Anaheim, CA 2021
- INFORMS Annual Meeting, Virtual Conference 2020

### “The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments”

- POMS Annual Meeting, Orlando, FL 2023
- INFORMS Annual Meeting, Indianapolis, IN 2022
- POMS Annual Meeting, Virtual Conference 2022
- Psychology of Technology Conference, Santa Barbara, CA 2021
- INFORMS Annual Meeting, Anaheim, CA 2021
- Annual Meeting of the Academy of Management, Virtual Conference 2021
- International Annual Conference of CSAMSE, Virtual Conference 2021
- MSOM SCM SIG Conference, Virtual Conference 2021
- POMS Annual Conference, Virtual Conference 2021
- INFORMS Annual Meeting, Virtual Conference 2020

INDUSTRY EXPERIENCE	<b>Research Intern, Alibaba Group</b> <span style="float: right;">2019–present</span>  <b>Consulting Project Lead</b> <ul style="list-style-type: none"> <li>• Bunge (2020 Fall), Bayer (2020 Summer, 2019 Spring), Anheuser-Busch InBev (2020 Spring), Emerson (2019 Fall), TricorBraun (2018 Fall)</li> </ul>
SKILLS	<b>Programming Languages:</b> Python, R, SQL, Matlab, C/C++, VBA, HTML, Mathematica, L <sup>A</sup> T <sub>E</sub> X.  <b>Software and Tools:</b> Python IDE (Spyder), R Studio, MySQL workbench, High performance computing system

## REFERENCES

### **Professor Tat Y. Chan**

Marketing  
Olin Business School  
Washington University in St. Louis  
St. Louis, MO, USA  
*E-mail:* [chan@wustl.edu](mailto:chan@wustl.edu)

### **Professor Fuqiang Zhang**

Supply Chain, Operations, and Technology  
Olin Business School  
Washington University in St. Louis  
St. Louis, MO, USA  
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### **Professor Dennis J. Zhang**

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