

Wenyi Xia

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Employment

HEC Montréal, Department of Logistics and Operations Management 2020–present
Assistant Professor

Education

University of British Columbia, Sauder School of Business, Canada 2015–2020
Ph.D. in Transportation and Logistics

University of British Columbia, Sauder School of Business, Canada 2013–2015
M.Sc. in Transportation and Logistics

Tongji University, China 2010–2013
M.Sc. in Construction Management

Tongji University, China 2006–2010
B.Sc. in Construction Management

Research Interests

Transportation and Logistics, Operations Management, Empirical Research, Data Analytics,
Data-Drive Optimization, Travel Behavior Estimation, Transport Economics and Policy

Publications

Peer-Reviewed Journal Articles

Xia, W. and Lindsey, R., 2021. Port adaptation to climate change and capacity investments under uncertainty. *Transportation Research Part B: Methodological*, 152, pp.180-204.

Choi, J.H., Park, Y., Wang, K. and **Xia, W.** (2020). Whether low-cost-carrier passengers spend more on duty-free goods at the airport? Evidence from Incheon International Airport. *Journal of Air Transport Management*, 86, 101834.

Xia, W., Jiang, C., Wang, K., Zhang, A. (2019). Air-rail revenue sharing in a multi-airport system: Effects on traffic and social welfare. *Transportation Research Part B: Methodological*, 121, 304-319.

Choi, J.H., Wang, K., **Xia, W.**, Zhang, A. (2019). Determining factors of air passengers' transfer airport choice in the Southeast Asia–North America market: Managerial and policy implications. *Transportation Research Part A: Policy and Practice*, 124, 203-216.

Wang, K., **Xia, W.**, Zhang, A., Zhang, Q. (2018). Effects of train speed on airline demand and price: Theory and empirical evidence from a natural experiment. *Transportation Research Part B: Methodological*, 114, 99-130.

Xia, W., Zhang, A. (2017). Effects of air and high-speed rail transport integration on profits and welfare: The case of air-rail connecting time. *Journal of Air Transport Management*, 65, 181-190.

Wang, K., **Xia, W.**, Zhang, A. (2017). Should China further expand its high-speed rail network? Consider the low-cost carrier factor. *Transportation Research Part A: Policy and Practice*, 100, 105-120.

Xia, W., Zhang, A. (2016). High-speed rail and air transport competition and cooperation: A vertical differentiation approach. *Transportation Research Part B: Methodological*, 94, 456-481.

- **Young Author Best Paper Prize, 14th World Conference on Transportation Research, July 2016.**

Peer-Reviewed Book Chapter

Xia, W., Wang, K., Zhang, A. (2019). Air Transport and High-speed Rail Interactions in China: Review on Impacts of Low-cost Carriers, Rail Speed, and Modal Integration, in Xiaowen Fu, James Peoples (ed.) *Airline Economics in Asia (Advances in Airline Economics, Volume 7)*. Emerald Publishing Limited, 103-122.

Currently, I have 400+ citations on Google Scholar.

Teaching Experience

Instructor, HEC Montreal

Supply Chain Management: Fundamentals and Trends (Jan–Apr, 2021, MSc core)

Instructor, Sauder School of Business, University of British Columbia

Logistics and Operations Management (May–June, 2019, undergraduate core)

Teaching Assistant, Sauder School of Business, University of British Columbia.

Air Transportation (Jan.–Apr., 2014, undergraduate elective)

Logistics and Operations Management (Jan.–Apr., 2017, undergraduate core)

Maritime and International Transportation (Jan.–Apr., 2018, undergraduate elective),

Managerial Economics (Dec., 2018–Jan., 2019, International MBA core)

Conference Presentations

2019: INFORMS Annual Conference, October, Seattle, USA (Paper Presenter).

Western Economic Association International 94th Annual Conference, June, San Francisco, USA (Session Chair, Paper Presenter, and Discussant).

Canadian Transportation Research Forum 54th Annual Conference, May, Vancouver, Canada (Paper Presenter).

- 2018:** The International Transportation Economics Association Annual Conference and School on Transportation Economics, June, Hong Kong, China (Session Chair and Paper Presenter).
- 2017:** The 21st Air Transport Research Society World Conference, July, Antwerp, Belgium (Paper Presenter).
- 2016:** The 14th World Conference on Transportation Research, July, Shanghai, China (Paper Presenter).

Research Grants

Principal investigator, FRQSC New Academics Grant (2021–2025, amount: \$45,000)

Principal investigator, HEC Montreal Start-up Grant (2020–2023, amount: \$20,000)

Student Supervision

Jayanti Mishra (2021–present), master’s student, HEC Montreal

Awards and Fellowships

- Paul Chewlos Memorial Scholarship for Teaching Excellence (2019-2020)
- Social Sciences and Humanities Research Council (SSHRC) Joseph-Armand Bombardier Canada Graduate Scholarships Doctoral Program (2017–2020)
- Dean Earle D. MacPhee Memorial Fellowship in Commerce and Business Administration, UBC (2015–2019)
- Canadian National Railway Fellowship in Transportation Studies (2015, 2016, 2018)
- Chinese Government Award for Outstanding Self-financed Students Abroad (2017)
- Four Year Fellowships for Ph.D. Students, UBC (2017–2019)
- Sauder School of Business Graduate Award, UBC (2015, 2016)
- International Tuition Award, UBC (2013, 2014)
- Scholarship for Academic Excellence, Tongji University (2008–2009)

Professional Service

Ad-hoc reviewer: Transportation Research Part B: Methodological, Transportation Research Part A: Policy and Practice, Transportation Research Part E: Logistics and Transportation Review, Transport Policy, Economics of Transportation, Journal of Air Transport Management, Journal of Cleaner Production, Travel Behaviour and Society, Economic Modelling.

Programming Skills

R, MATLAB, LaTeX, STATA

Leaves of Absence

April 2021–April 2022, maternity leave