

FUQIN ZHOU

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New Jersey Institute of Technology ◇ University Heights, Newark, NJ 07102

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EDUCATION

New Jersey Institute of Technology
Ph.D. candidate in Business Data Science

September 2022 - Present

Renmin University of China
B.A. in Financial Engineering

2014-2018

RESEARCH INTEREST

Food Supply Chain Management, Food Economy, Business Data Science, FinTech.

PUBLICATIONS

- A. Chang, **F. Zhou**, N. El-Rayes, J. Shi, Food Transportation and Price Impacted by Diesel Price and Truck-driver Shortage pre-, amid and post Pandemic, *Transportation Research Part E: Logistics and Transportation Review*, 2024, Volume 192, 103794, ISSN 1366-5545. **ABDC Ranking: A***; **SJR: Q1**.doi:10.1016/j.tre.2024.103794
- **F. Zhou**, A. Chang, J. Shi, How the Economic Policy Uncertainty (EPU) impacts FinTech: The implication of P2P lending markets, *Finance Research Letters*, 2024, 106268, ISSN 1544-6123. **Lead and Corresponding Author; ABDC Ranking: A; SJR: Q1**.doi:10.1016/j.frl.2024.106268

WORKING PAPERS

Food on Road: A Novel County-Level Analysis of Road Density and its Impact on Food Prices in the U.S. Market, with Jasmine (Aichih) Chang, Jim Shi. Preparing for resubmission to *Decision Sciences*(ABDC Ranking: A*).

WORK IN PROGRESS

- **Ripple Effects of Tariff Shocks: Estimating Supply Chain Disruptions and Transportation Cost Spillovers in the U.S. Tomato Market**, with Jasmine (Aichih) Chang, Jim Shi. Target journal: *Production and Operations Management*, *Decision Sciences*
- **Integrating AI-Powered XR Wearables for Real-Time Shelf-Life Estimation and Pricing Optimization**, with Jasmine (Aichih) Chang. Target journal: *Decision Sciences*
- **The Impact and Implications of Bag Tax Policies on Sustainable Operations: A Systems Dynamics Approach**, with Nesreen El-Rayes, Jasmine (Aichih) Chang, Jim Shi. Target journal: *Management Science*

RESEARCH GRANTS

- NSF I-Corps National, **Entrepreneurial Lead**, “Empowering Molecular Discovery: A Graph Neural Network Approach with Explainable AI”, 2025, \$50,000.
- NSF I-Corps Northeast, **Entrepreneurial Lead**, “Empowering Molecular Discovery: A Graph Neural Network Approach with Explainable AI”, 2024, \$3,000.

CONFERENCE PRESENTATION

- “Food on Road: A Novel County-Level Analysis of Road Density and its Impact on Food Prices in the U.S. Market”, 2025 Decision Sciences Institute (DSI) Annual Conference, Doctoral Research Showcase, Orlando, FL
- “Impact of Rising Diesel Prices and Truck Driver Availability on Food Transportation and Distribution”, 2024 Decision Sciences Institute (DSI) Annual Conference, Phoenix, AZ
- “SCGNN: Forecasting Food Prices with Constructed Supply Chain Graph and Adopted Graph Neural Network Model”, 2024 INFORMS Annual Meeting, Seattle, WA
- “Impact of Rising Diesel Prices and Truck Driver Availability on Food Transportation and Distribution”, 2024 Northeast Decision Sciences Institute (NEDSI) Annual Conference, Boston, MA
- “Impact of Rising Diesel Prices and Truck Driver Availability on Food Transportation and Distribution”, Northeast Decision Science Institute (NEDSI) 2023 Annual Meeting, Washington, DC

TEACHING INTERESTS & EXPERIENCE

Teaching Interest

Business Data Analytics, Data Mining (Python), Finance, Fintech, Financial Markets, Statistics, Supply Chain Management.

Teaching experience

Martin Tuchman School of Management, New Jersey Institute of Technology

Instructor

MGMT116 Quantitative Analysis with Applications for Business Spring 2025(Rating: 3.3/4)

MGMT216 Business Data Analytics Fall 2024(Rating: 3.7/4)

Lab Assistant

NJIT Bloomberg Lab 2022-2023

Teaching Assistant

FIN310 Data-Driven Financial Modeling Summer 2023

FIN218 Financial Markets & Institutions Fall 2023

FIN430 Options and Futures Markets Fall 2023

FIN417 Investments Management Fall 2023

FIN641 Derivatives Markets Fall 2023

FIN218 Financial Markets & Institutions Spring 2024

FIN216 Business Data Analytics Spring 2024

Academic Tutor: Accounting, Finance and Management 2022-2023

PROFESSIONAL EXPERIENCE

China Agricultural Bank Shenzhen Branch (Shenzhen, China) June 2018-June 2022
Product Manager, Department of Individual Financing

PROFESSIONAL CERTIFICATES

- CFA Level II Candidate, 2019
- Certification of China Banking Professional, 2016
- Certification of China Wealth Management Professional, 2020
- Certification of China Insurance Professional, 2020

SELECTED HONORS

2025 MTSM Award for **Excellence in Research** (PhD Research Award)
2025-2026 Ph.D. Research Assistant Scholarship, MT School of Management, NJIT
2024 **Best Reviewer** for Omega: The International Journal of Management Science
2023 Leader of NJIT Team - 2023 Bloomberg Trading Challenge (Top 20%)
2023 Ph.D. Summer Research Assistantship for USDA Project
2023 Ph.D. Summer Teaching Assistantship
2022 Ph.D. Teaching Assistant Scholarship for 4 years, MT School of Management, NJIT
2017 Merit Award Scholarship, Renmin University
2016 Outstanding Undergraduate Research, Renmin University

SKILLS & EXPERTISE

Python, R, STATA, Latex, MySQL, Bloomberg, ArcGIS Pro

REFERENCES

Jasmine (Aichih) Chang (Advisor)
Assistant Professor of Business Data Science
Martin Tuchman School of Management
New Jersey Institute of Technology
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Jim (Junmin) Shi (Advisor)
Leir Chair Professor of Supply Chain Management
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Nesreen El-Rayes (Co-author)
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