

QIUXIA (KATALIA) CHEN

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EDUCATION

The University of Texas at Dallas
Ph.D. in Operations Management

Advisor: Elena Katok

Committee Members: Ernan Haruvy, Dorothee Honhon, Andrew Frazelle

Richardson, TX
Aug 2021 - Present

The University of Texas at Dallas
M.S. in Supply Chain Management

Richardson, TX
Aug 2019 - May 2021

Harbin Engineering University
B.S. in Sociology

Harbin, China
Aug 2011 - Jun 2015

RESEARCH INTERESTS

- Topics: Animal Shelters, Societal Impact, Sustainability, non-Profit Organizations
- Methodologies: Empirical Econometric, Machine Learning, Lab Experiment

PAPERS UNDER REVIEW AND WORKING PAPERS

1. Saving Lives in Animal Shelters: Strategic Time Allocation Under Capacity Constraints, with Elena Katok and Ernan Haruvy. *under review at Management Science* [\[Link\]](#).
 - Winner, First Place, 2025 INFORMS Doing Good with Good OR student paper competition
 - Accepted by 2025 ISOM Research Workshop at University of Florida
 - Collaboration with Dallas Animal Services, one of the largest municipal animal shelters in the US
2. From Theory to Impact: Applying Strategic Time Allocation at Dallas Animal Services, with Elena Katok. *Work in Progress*.

INDUSTRY EXPERIENCE

Sara's Market and Bakery, Dallas, Texas
Supply Chain Intern

Jun 2020 - Aug 2020 & Feb 2021 - Apr 2021

- Built a demand forecast model with R and EXCEL and created a supplier scoreboard to evaluate suppliers.
- Improved work efficiency by identifying the bottlenecks of internal operation process.
- Analyzed Return on Investment of importing overseas with sales movement data in the past years.

AUKEY International Limited, Shenzhen, China
Business Development Supervisor

Nov 2015 - Jul 2019

- Led a team of 4 members and managed the global distribution business for AICOOK with contracts of \$3M.
- Adopted new supply chain strategies and built a creative business model with a lower cost for distributors.
- Expanded AUKEY's business into Latin America, India, and Poland, contributing \$0.13M to \$1M profit turnaround.
- Developed a system processing each procedure including orders integration, production, and international payment.

TEACHING INTERESTS

Statistics and Data Analysis, Business Programming (R/Python), Predictive Analytics and Forecasting, Spreadsheet Modelling and Analytics, Machine Learning, Operations Management, AI in Supply Chain Management

TEACHING EXPERIENCE

- *Independent Instructor*, The University of Texas at Dallas
 - Undergraduate core: Managerial Methods in Decision Making Under Uncertainty
 - Fall 2025, class size: 74, main topics: business statistics
 - Spring 2025, class size: 65, main topics: business statistics, evaluation: 4.75/5.0
- *Teaching Assistant*, The University of Texas at Dallas
 - MS/BS courses: Predictive Analytics, Quantitative Business Analytics, Purchasing, Sourcing, and Contract Management, Spreadsheet Modeling and Analytics, Retail Operations
 - Nomination for President's Teaching Excellence Award for Teaching Assistants

PRESENTATIONS AND INVITED TALKS

- INFORMS Annual Meeting 2021, 2022, 2023, 2024, scheduled 2025
- INFORMS MSOM Conference 2024
- POMS Annual Conference 2025
- Behavioral Operations Conference 2022, 2023, 2024
- BOMSI Workshop at Harvard University 2023
- DSI Annual Conference scheduled 2025
- 2025 ISOM Research Workshop, invited by the University of Florida 2025

HONORS AND AWARDS

- Graduate Studies Scholarship, UT Dallas 2021 - 2026
- Nomination for President's Teaching Excellence Award for Teaching Assistants, UT Dallas 2025
- Dean's Excellence Scholarship, UT Dallas 2020
- High Scholar of Distinction at JSOM (Summa Cum Laude), UT Dallas 2021

PROGRAMMING SKILLS

R, Python, STATA, Mathematica, Tableau, LaTeX

PROFESSIONAL AND COMMUNITY SERVICE

- Session Chair, DSI Annual Conference 2025
- Founding President, JSOM PhD Social Club (*first PhD-level student organization at UT Dallas*) 2022-2024
- External Consultant (*pro bono*), Dallas Animal Services 2023-2025
- Ambassador, The Doctorate in Operations Management Embassy (DOME) 2025

MEDIA COVERAGE

- Scene on Campus: Dogs of UTD, [UTD Social Media](#), Jul 22, 2024
- Student Speaker at Master Student's Graduation Ceremony, [UTDallas Website](#), Aug 12, 2021

MISCELLANEOUS

- Hobbies: rock climbing, swimming, cooking, listening to classical music
- Volunteer: walk dogs at the animal shelter and post dogs' pictures on social media to network with potential adopters once a week

REFERENCES

Elena Katok (Chair)

Ashok and Monica Mago Professor
Professor of Operations Management
Naveen Jindal School of Management
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Dorothee Honhon

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