# QIUXIA (KATALIA) CHEN

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## EDUCATION

The University of Texas at Dallas — Richardson, TX
*Ph.D. in Operations Management* — *Aug 2021 - Present*
Advisor: Elena Katok
Committee Members: Ernan Haruvy, Dorothee Honhon, Andrew Frazelle

The University of Texas at Dallas — Richardson, TX
*M.S. in Supply Chain Management* — *Aug 2019 - May 2021*

Harbin Engineering University — Harbin, China
*B.S. in Sociology* — *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*.

   - Finalist, 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 — *Jun 2020 - Aug 2020 & Feb 2021 - Apr 2021*
*Supply Chain Intern*

- 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 — *Nov 2015 - Jul 2019*
*Business Development Supervisor*

- 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
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