

# YU NU

Cornell SC Johnson College of Business ◊ Cornell Tech/Cornell University

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## EDUCATION

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<b>Cornell Tech/Cornell University</b>	New York, NY
Ph.D. in Operations, Technology & Information Management	2019 - 2025
Samuel Curtis Johnson Graduate School of Management	(expected)
Cornell SC Johnson College of Business	

<b>Wuhan University</b>	Wuhan, China
B.S. in Management Science and Engineering (with highest honors)	2015 - 2019

## RESEARCH INTERESTS

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*Topic:* Food Waste, Perishable Inventory Management, AI and Operations, Digital Technology

*Methodology:* Causal Inference, Machine Learning, Data-Driven Optimization, Experiment

## RESEARCH PAPERS

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### Published and Under-Review Papers

1. “[Using Artificial Intelligence to Reduce Food Waste.](#)” with Elena Belavina and Karan Girotra, *Under review at Management Science*.
2. “[Pricing and Capacity Allocation: Implications for Manufacturers with Product Sharing.](#)” with Bin Dai. *Naval Research Logistics* 2020, 67(3): 201-222.
3. “[Interactions of Traceability and Reliability Optimization in a Competitive Supply Chain with Product Recall.](#)” with Bin Dai and Jianbin Li. *European Journal of Operational Research* 2021, 290(1): 116-131.

### Work in Progress

1. “AI Co-Pilots for Data-driven Perishable Inventory Management.” with Meng Qi, Elena Belavina and Karan Girotra, *In Preparation for Manuscript*.
2. “Identification of Behavioral Decision Models for Perishable Products Using Moment Inequalities.” with Elena Belavina and Karan Girotra, *Work in Progress*.

## HONORS & AWARDS

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Climate Solutions Fund Award (\$102,312), Cornell University	2024
Byron E. Grote Johnson Professional Scholarship, Cornell University	2020, 2022
Graduate School Fellowship, Cornell University	2019–2024
Wuhan Outstanding Graduates Award, Wuhan University	2019
National Scholarship (Top 1.8%), Wuhan University	2016–2018

## TEACHING EXPERIENCE

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<b>Co-instructor</b>	Cornell Tech
◊ Review Session for NCCW 5080 Managing Operations (Healthcare EMBA), 4.80/5	Fall 2022
◊ Review Session for NCCY 5080 Operations Management (MBA), 4.85/5	Fall 2021

<b>Teaching Assistant</b>	Cornell Tech
◇ NCCY 5080 Operations Management (MBA), 4.82/5	Fall 2022
◇ NCCE 5080 Managing Operations (EMBA), 4.60/5	Spring 2022
◇ NCCE 5080 Managing Operations (EMBA)	Spring 2021
◇ NCCY 5080 Operations Management (MBA)	Fall 2020

## SELECTED INVITED TALKS

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“AI Co-Pilots for Data-driven Perishable Inventory Management”	
◇ INFORMS MSOM Conference, Minneapolis, MN ( <i>scheduled</i> )	Jun 2024
◇ INFORMS Annual Meeting, Indianapolis, IN	Oct 2022
“Using Artificial Intelligence to Reduce Food Waste”	
◇ INFORMS Annual Meeting, Seattle, WA ( <i>scheduled</i> )	Oct 2024
◇ First OM Workshop on Food Waste Reduction, Munich, Germany ( <i>scheduled</i> )	Sep 2024
◇ INFORMS Annual Meeting, Phoenix, AZ	Oct 2023
◇ INFORMS MSOM Conference, Montreal, QC, Canada	Jun 2023
◇ Early-Career Sustainable OM Workshop, Amherst, MA	Feb 2023
◇ CHR Board Annual Meeting, New York, NY	Nov 2022
◇ Johnson OTIM PhD Forum, Ithaca, NY	Dec 2021
◇ INFORMS Annual Meeting, Anaheim, CA	Oct 2021
“Pricing and Capacity Allocation: Implications for Manufacturers with Product Sharing”	
◇ POMS-HK International Conference, Hong Kong	Jan 2018 & 2019
“Interactions of Traceability and Reliability Optimization in a Competitive Supply Chain with Product Recall”	
◇ International Workshop on Behavioral Operations Management, Guangzhou	Dec 2018

## SERVICE & MISCELLANEOUS

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### Professional Service

◇ Session Co-chair, INFORMS Annual Meeting	2024
◇ Reviewer for BOM Best Student Paper Competition	2024
◇ Program Committee Member for INFORMS Data Science Workshop	2024
◇ Co-chair, Johnson OTIM PhD Forum, Cornell University	2021–2022

### Skills

- ◇ **Programming:** Python, R, Matlab, SQL, L<sup>A</sup>T<sub>E</sub>X, Lyx
- ◇ **Language:** Mandarin (native), English (fluent)
- ◇ **Music:** Violin (Member of the Musicians Association, China)

## REFERENCES

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**Prof. Karan Girotra**

Operations, Technology & Information Management  
SC Johnson College of Business & Cornell Tech  
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**Prof. Qi Meng**

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