

Sina Moghadas Khorasani

Owen Graduate School of Management
Vanderbilt University
Operations Management and Quantitative Methods

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[Personal Website](#), [Google Scholar](#)

Employment

Vanderbilt University , Owen Graduate School of Management <i>Assistant Professor of Operations Management and Quantitative Methods</i>	2024-present
University of Dayton , School of Business <i>Assistant Professor of Operations, Supply Chain Management, and Business Analytics</i>	2022-2024
University of California San Diego , Rady School of Management <i>Department of Innovation, Technology, and Operations</i> <i>Postdoctoral scholar and lecturer</i>	2019-2022 PI: Prof. Vish Krishnan

Education

University of Utah , David Eccles School of Business <i>Ph.D. in Business Administration (Operations Management)</i> <i>Thesis: Essays on Innovation: Contests and Clockspeed</i> Advisors: Prof. Glen Schmidt (Utah) and Prof. Luis Rayo (Northwestern)	2014-2019 GPA: 4.0/4.0
University Putra Malaysia , Dept. of Mechanical and Manufacturing Engineering <i>Master of Engineering Management</i>	2012-2013
Sharif University of Technology , Dept. of Civil Engineering <i>B.Sc. in Civil Engineering</i>	2005-2011

Research Interests

INNOVATION MANAGEMENT, INFORMATION DESIGN, COMPETITION AND INCENTIVES
SUPPLY CHAIN MANAGEMENT, PREDICTIVE/PREScriptive ANALYTICS

Publications

- (1) Jeffrey Ely, George Georgiadis, Sina Khorasani, Luis Rayo (2023) [Optimal Feedback in Contests](#)
The Review of Economic Studies, 90(5), 2370-2394.
Accepted at ACM EC'21 Conference
Featured in: [Kellogg Insight](#)
- (2) Sina Khorasani, Lakshmi Nittala, Vish Krishnan (2023) [Screening in Multistage Contests](#)
Manufacturing & Service Operations Management, 25(6):2249-2267.
Featured as [INFORMS TIMES paper of the month](#) in August 2023

- (3) Sina Khorasani, Ersin Körpeoğlu, Vish Krishnan (2024) [Dynamic Development Contests](#)
Operations Research, 72(1), 43-59.

Working Papers

- (1) Sina Khorasani, Gizem Körpeoğlu (2024) [Mergers of Consumer Cooperatives](#)
Manufacturing & Service Operations Management, Major Revision
Accepted at Supply Chain Management SIG conference: M&SOM, London, UK, June 2025
- (2) Sina Khorasani, Lakshmi Nittala, Vish Krishnan (2025) [Designing Collaborative Contests under Feasibility Uncertainty](#)
Under Review
- (3) Xiaochen Gao, Sina Khorasani, Vish Krishnan, Lakshmi Nittala, Siqi Wang (2024) [A Machine Learning Framework for Project Performance Prediction, Interpretation, and Inference](#)
- (4) Sina Khorasani, Glen Schmidt (2023) [Firm Clockspeed: Toward a Theory of Relativity](#)

Work in Progress (Analysis ongoing)

- (1) Sina Khorasani, Yasin Alan, Mumin Kurtuluş (2025) Information Design in the Presence of Retail Competition
Initial results complete.
- (2) Syd Hashem Alavi, Sina Khorasani, Glen Schmidt (2023) Towards an Understanding of Nano-Stores as Organized Retailers Expand, Theoretical and Empirical Analysis
Initial results complete.
- (3) Sina Khorasani, Ersin Körpeoğlu, Aydin Alptekinoglu (2022) Multi-Stage Contests with Multi-Path Search
Initial results complete.

Other Publications

- (1) Jeffrey Ely, George Georgiadis, Sina Khorasani, Luis Rayo (2021) [Optimal Feedback in Contests](#)
Proceedings of the 22nd ACM Conference on Economics and Computation (EC'21)
Acceptance rate: 26% out of 500 submissions

Teaching Experience

Instructor, Owen Graduate School of Management, Vanderbilt University

– [MGT 6480: Predictive Analytics \(MBA Elective\)](#),

– **Instructor score: 4.66/5 (Section 1) and 4.82/5 (Section 2)**

Spring 2025

#Students enrolled in class: 67

– [MGT 6478: Business Project Management \(MBA Elective\)](#),

– **Instructor score: 4.52/5 (Section 1) and 4.44/5 (Section 2)**

Fall 2024, 2025

#Students enrolled in class: 100

Instructor, School of Business Administration, University of Dayton

– **Master of Business Administration, MBA 791: Business Analytics (Online)** Spring 2024

Textbook: Albright, S. Christian, and Wayne L. Winston. Business Analytics: Data Analysis & Decision Making. 7th ed.

– **Master of Business Analytics Program, BAN 618: Advanced Business Analytics using Python** Fall 2023

Textbook: Hamdy A. Taha, Operations Research: An Introduction, 11th ed. (London: Pearson, 2022).

Topics Covered: Linear Programming, Dual Problems, Transportation and Assignment Problems, Integer Linear Programming, Network Models, Dynamic Programming, Goal Programming, and Heuristic Programming.

– **OPS 301: Survey of Operations & Supply Management,**

– **Instructor score: 4.3/5 (Section 1) and 4.3/5 (Section 2), Dept. Avg: 4.3** Spring 2024

#Students enrolled in class: ~78

– **Instructor score: 4.5/5 (Section 1) and 4.6/5 (Section 2), Dept. Avg: 4.3** Spring 2023

#Students enrolled in class: ~65

– **Instructor score: 4.4/5 (Section 1) and 4.7/5 (Section 2), Dept. Avg: 4.1** Fall 2022

#Students enrolled in class: ~50

Textbook: Heizer, J., Reeder, B., & Muson, C. (2022). "Operations Management: Sustainability and Supply Chain Management." Pearson. 14th Edition.

Topics Covered: Operations & Productivity, Operations Strategy, Project Management, Decision-Making Tools, Forecasting, Supply Chain Management, Inventory Management, Aggregate Planning and S&OP, MRP & ERP, Short-Term Scheduling, Linear Programming, Managing Quality, Statistical Process Control, Waiting-Line Models, Lean Operations.

Instructor, Rady School of Management, University of California San Diego

– **MGT 172: Business Project Management (Online & In-person),**

– **Instructor score: 98/100 (Section 1) and 100/100 (Section 2)** Spring 2020

#Students enrolled in class: >60

– **Instructor score: 98/100** Spring 2021

#Students enrolled in class: >50

– **Instructor score: 98/100** Winter 2022

#Students enrolled in class: >60

– **Instructor score: 97/100 (Section 1) and 97/100 (Section 2)** Spring 2022

#Students enrolled in class: >160

Textbook: Larson, Erik W., and Clifford F. Gray. "Project management: The managerial process." (2020). McGraw Hill. 8th Edition.

Topics Covered: Modern Project Management, Organizational Structures and Culture, Planning, Scheduling, Estimating, Performance Measurement and Evaluation, Risk Management, Outsourcing, and Leadership.

Instructor, David Eccles School of Business, University of Utah

– **OIS 3660: Operations Management,**

– **Instructor score: 5.8/6** Summer 2017
 #Students in class: 47

– **Recipient of the David Eccles School of Business Doctoral Student Teaching Excellence Award** 2018

– **Recipient of the OIS department Doctoral Student Teaching Excellence Award**

Textbook: Selected chapters of Cachon, G. and C. Terwiesch, “*Matching Supply with Demand: An Introduction to Operations Management*,” 3rd Edition.

Topics Covered: Little’s Law, Process Capacity/Bottleneck Analysis, Line Balancing, Setups, Batching, EOQ, Managing Variability, Queuing, Managing Quality.

– **Summer Bootcamp for Incoming PhD Students,** Summer 2018

Topics Covered: Consumer Theory, Producer Theory, Market Power, General Equilibrium and Pareto Efficiency, Decision Making under Uncertainty, Asset Pricing, Asymmetric Information.

Teaching Assistant, David Eccles School of Business, University of Utah

– **Operations Management:** Prof. Glen Schmidt (MBA class) Summer 2017

– **Game Theory:** Prof. Adam Meirowitz (PhD class) Spring 2017

– **Microeconomics I:** Prof. Adam Meirowitz (PhD class) Fall 2016

– **Global Supply Chain Management** (2 sections): Prof. Krishnan Anand Spring 2015

– **Operations Management** (3 sections): Prof. Jaelynn Oh Fall 2014

Awards and Honors

Management Science Meritorious Service Award 2025

David Eccles School of Business Doctoral Student Teaching Excellence Award 2018

OIS department Doctoral Student Teaching Excellence Award 2018

David Eccles School of Business Fellowship, University of Utah 2014-2019

Ranking 260/500,000 (top 0.05%) in Iran’s nationwide university entrance exam 2005

Ranking 42 in Iran’s 22nd National Mathematical Olympiad 2004

Invited Talks

“Mergers of Consumer Cooperatives”

– INFORMS Annual Meeting, 2025.

– POMS Annual Conference, 2025.

“Curated Contests”

– INFORMS Annual Meeting, 2024.

“Dynamic Development Contests”

- INFORMS Annual Meeting, 2023.
- POMS Annual Conference, 2023.
- INFORMS Annual Meeting, 2021.
- Manufacturing & Service Operations Management Conference 2021.

“Optimal Feedback in Contests”

- INFORMS Annual Meeting, 2022.
- INFORMS Annual Meeting, 2021.
- POMS Annual Conference, Virtual 2021.
- Mays Innovation Research Center, Texas A&M University, Nov 2020.

“Screening in Multi-Stage Contests”

- POMS Annual Conference, Virtual 2021.
- INFORMS Annual Meeting, Virtual 2020.
- INFORMS Annual Meeting, Seattle, Washington, Oct 2019.

“Dynamic Innovation Contests and Information Design”

- POMS Annual Conference, Washington, D.C., May 2019.
- Product and Service Innovation Conference, Midway, Utah, Feb 2019.
- INFORMS Annual Meeting, Phoenix, Arizona, Nov 2018.
- DSI Annual Meeting, Chicago, Illinois, Nov 2018.
- POMS Annual Conference, Houston, Texas, May 2018.

“Firm Clockspeed: Toward a Theory of Relativity”

- INFORMS Annual Meeting, Phoenix, Arizona, Nov 2018.
- POMS Annual Conference, Houston, Texas, May 2018.
- Product and Service Innovation Conference, Midway, Utah, Feb 2018.
- DSI Annual Meeting, Washington D.C., Nov 2017.
- INFORMS Annual Meeting, Houston, Texas, Oct 2017.

Professional Activities and Service

Vice President of Community Engagement and Growth: INFORMS Technology, Innovation Management and Entrepreneurship Section (TIMES) - (2026-present)

Board Member at Large: INFORMS Technology, Innovation Management and Entrepreneurship Section (TIMES), Co-chairing TIMES Best Working Paper Award Competition (2024, 2025)

Referee: The Review of Economic Studies, Management Science, Manufacturing & Service Operations Management, Production and Operations Management, Decision Sciences, Annals of Operations Research, HICSS

Judge: M&SOM Student Paper Competition (2022, 2023, 2024), PITM Best Student Paper Competition (2023, 2025), The Technology, Innovation, and Entrepreneurship (TIE) Special Interest Group (SIG) of M&SOM (2024, 2025) , TIMES Best Dissertation Award (2024)

Conference Track Chair: POMS 2024 (PITM Track Chair)

Conference Session Chair: INFORMS (2021, 2023, 2024, 2025), POMS (2023, 2024, 2025)

Panelist: INFORMS Academic Job Search Panel (2024)

Other

Tools: Python, R, MATLAB, Mathematica, Stata, LATEX

References

Prof. Vish Krishnan, Endowed Chair in Management and Engineering Leadership

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Prof. Glen Schmidt, David Eccles Professor of Business

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David Eccles School of Business, University of Utah
Email: Glen.Schmidt@eccles.utah.edu
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Prof. Ersin Körpeoglu, Associate Professor of Operations Management

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Email: e.korpeoglu@ucl.ac.uk
Phone: (0)20 3108 6052 (internal 56052)

Prof. Luis Rayo, Erwin P. Nemmers Professor of Strategy and Department Chair

Kellogg School of Management, Northwestern University
Research Fellow, CEPR
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