

# CURRICULUM VITAE

Ehsan Bolandifar

## **PERSONAL DATA**

Full Name: Ehsan Bolandifar

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Google Scholar:

<https://scholar.google.com.my/citations?user=dQ4xXZEAAAAJ&hl=en>

## **EDUCATION**

- Ph.D. in Business Administration, Operations Management, August 2012

Olin Business School, Washington University in St. Louis

Dissertation Title: *"Contracting and Procurement Mechanisms in Supply Chain: Applications with New Complexities"*.

Committee Chairs: Prof. Panos Kouvelis and Prof. Fuqiang Zhang

- M.Sc. in Business Administration: May 2011

John M. Olin Business School, Washington University in St. Louis

- M.Sc. in Industrial Engineering, January 2006

Sharif University of Technology, Tehran, Iran (with Honors)

Dissertation Title: *"Dynamic Pricing with Discrete Set of Prices"*.

- B.Sc. in Industrial Engineering (System Analysis), September 2003

Iran University of Science and Technology, Tehran, Iran (with Honors)

## **PROFESSIONAL EXPERIENCE**

- PHBS Business School, Peking University Shenzhen Graduate School

Associate Professor of Operations Management, November 2019-present

- CUHK Business School, The Chinese University of Hong Kong

Assistant Professor of Operations Management, August 2012 – October 2019

## **MAIN RESEARCH INTERESTS**

- Operations management interfaces with finance, marketing, and economics
- Procurement in supply chain
- Multi-sided platforms
- Healthcare analytics

## **AWARDS AND HONORS**

- High-level Talent Peacock Program, Shenzhen, China, 2022

- Outstanding Service Award, Production and Operations Management Society, Houston, 2018

For outstanding service as program committee co-chair of the 9<sup>th</sup> POMS-HK International Conference, January 2018, presented at the POMS 29<sup>th</sup> annual conference, May 2018

- Hubert C. Moog Scholar, for Outstanding Performance, Washington University in St. Louis, 2010-2011

- Doctoral Fellowship, Washington University in St. Louis

Ranked 2nd among 3500 participants in the national wide university entrance exam for M.S. program in Industrial Engineering, 2003

- Outstanding performance award in System Analysis concentration at IE undergraduate program, 2002-2003

- Member of Iranian Exceptional Talents Program, 2003-present

## **LIST OF RESEARCH OUTPUTS OR CREATIVE WORKS**

### **Publications (Total 13) Google Scholar Citations: 315**

*Quality Signaling through Crowdfunding Campaign Pricing.*

**Bolandifar, E.**, Z. Chen, P. Kouvelis. Forthcoming at *Manufacturing and Service Operations Management*.

*Modeling abandonment behavior among patients.*

**Bolandifar, E.**, N. Dehoratius, T. Olsen, J. Wiler. Forthcoming at *European Journal of Operational Research*.

*Managing Competitive Levers in a Collaborative Distribution Channel.*

**Bolandifar, E.**, Z. Chen, K. Zhu. *European Journal of Operational Research*. 293:1031-1042

*Hedging through Index-Based Price Contracts in the Supply Chain.*

**Bolandifar, E.**, Z. Chen. *OMEGA, The International Journal of Management Science*. 90: 1-15

*An Empirical Study of the Behavior of Patients Who Leave the Emergency Department Without Being Seen.*

**Bolandifar, E.**, N. Dehoratius, T. Olsen, J. Wiler. *Journal of Operations Management*. 65:430-446

*Simple Contracts to Assure Supply under Noncontractible Capacity and Asymmetric Cost Information.*

**Bolandifar, E.**, T. Feng, F. Zhang. *Manufacturing and Service Operations Management*. 20(2):217-231

*Delegation versus Control in Supply Chain Procurement under Competition.*

**Bolandifar, E.**, P. Kouvelis, F. Zhang. *Production and Operations Management*. 25(9): 1528-1541

*Hedging Commodity Procurement in a Bilateral Supply Chain.*

Turcic, D., P. Kouvelis, **E. Bolandifar**. *Manufacturing and Service Operations Management*. 17(2):221-235

*An Emergency Department Patient Flow Model Based on Queueing Theory Principles.*

Wiler, J., **E. Bolandifar**, R. Griffey, R. Poirier, T. Olsen. *Academic Emergency Medicine*, 20(9): 939-946

*Modeling the Optimal Long Run Investment Strategies of Hybrid Wind-Thermal Firm in the Restructured Power Market.*

Askari, M., A. Zainal Abdin, M. Tahmasbi, **E. Bolandifar**. *Journal of Modern Power Systems and Clean Energy*,7(5):1267-1279

*Component Procurement Strategy in TRIAD Competitive Supply Chains.*

Sedehi, M.S., A. Makui, **E. Bolandifar**. *International Journal of Industrial Engineering & Production Research*, 29(4):443-460

*Integration of Dynamic Pricing and Overselling with Opportunistic Cancellation.*

Modarres, M., **E. Bolandifar**. *Iranian Journal of Operations Research*, 1 (1), 74-93, Fall 2009

*Dynamic Pricing with Periodic Review and a Finite Set of Prices with Cancellation.*

Modarres, M., **E. Bolandifar**. *Journal of Industrial and Systems Engineering*, 3(3): 213-226, Fall 2009

### **Working Papers and Works in Progress (Total: 4)**

*When Should Restaurants Subsidize Online Platforms? The Impact of Delivery Agents.*

**Bolandifar, E.**, Z. Chen. Under R&R at *Manufacturing and Service Operations Management*.

*Crowdfunding as Operational Hedging*

**Bolandifar, E.**, Z. Chen, P. Kouvelis. Work in progress.

*Delegation versus Control in Supply Chain Procurement under Unobservable Contracts.*

**Bolandifar, E.**, Q. Yuan. Work in progress.

*Risk and Budget Disclosure in Crowdfunding*

**Bolandifar, E.**, D. Blaseg. Work in progress.

## Conference papers

*The Optimal Hedging Strategy for Commodity Processors in Supply Chain.*

**Bolandifar, E.**, Z. Chen. Industrial Engineering, Management Science and Applications. 2015 pp 27-34.

Evaluation of FIT Impacts on Market Clearing Price in the Restructured Power Market.

Askari, M.T., M.Z.A. Kadir, E. **Bolandifar**. Proceedings of IEEE SCORed Conference. 2015 pp 224-227

*Hedging Commodity Procurement in a Bilateral Supply Chain,*

**Bolandifar, E.**, P. Kouvelis, D. Turcic. Proceedings of the 2014 *M&SOM* Society Conference.

*An Empirical Study of Reneging Behavior of Patients in an Emergency Department.*

**Bolandifar, E.**, N. Dehoratius, T. Olsen. Proceedings of the 2014 *M&SOM* Society Conference.

*Why Risk-Neutral Manufacturers Ought to Hedge Commodity Material Purchases.*

**Bolandifar, E.**, P. Kouvelis, D. Turcic. Proceedings of the 2011 *M&SOM* Society Conference.

## Book Chapter

*An Approach for Modeling the Deregulated Power Market Based on Cournot Game Theory.*

Askari, M.T., M.Z.A. Kadir, E. **Bolandifar**. Sustainability Modeling in Engineering. Springer. Forthcoming.

## Book Reviews

Ad hoc reviewer: “*Handbook of Integrated Risk Management in Global Supply Chains*”, by P. Kouvelis, L. Dong, O. Boyabatli, and R. Li, Wiley, 2010.

## RESEARCH GRANTS

**Principal Investigator**, GRF, HK\$202207

General Research Fund, 2013/2016

Project Title: “Component Procurement in a Competitive Market”

- This project has resulted in two publications, out of which one is an A journal.
- The project is an attempt to investigate the OEM manufacturer’s incentives to control component procurement of their contract manufacturers in competitive markets.

**Principal Investigator**, “An Empirical Analysis of Patients Who Leave Without Being Seen”

CUHK Research Committee Funding Direct Grants, 2013/2015, HK\$50000.

- This project has resulted in one A publication and another potentially A publication under review.

**Principal Investigator**, “Bilateral Negotiations in Supply Chain Procurement”

CUHK Research Committee Funding Direct Grants, 2015/2016, HK\$50000.

- This project has resulted in one publication.

**Principal Investigator**, “Store Brand Procurement in Asymmetric Retail Channels”

CUHK Research Committee Funding Direct Grants, 2018/2019, HK\$50000.

- This project has resulted in one research paper, under review at an A journal.

## PROFESSIONAL SOCIETIES

INFORMS, since 2008-present

MSOM, since 2009-present

POMS, since 2011-present

INFORMS Healthcare, 2017-present

IEOM, since 2018-present

## INVITED PRESENTATIONS/ LECTURES

*Quality Signaling through Crowdfunding Campaign Pricing*

-Ozyegin University, Istanbul, Turkey, 2022

-INFORMS national meeting, Anaheim, California, 2021

-CSAMSE conference, Shanghai, China, 2021

- Shanghai Jiao Tong University, Shanghai, China, 2021
- Huazhong University of Science and Technology, 2021
- Modeling the Behavior of Patients Who Leave the ED without Being Seen*
- Asian Europe Business School, Shanghai, China, 2021
- POM-HK annual conference, Hong Kong, 2020
- Managing Competitive Levers in a Collaborative Distribution Channel*
- INFORMS International Meeting, Taipei, Taiwan, 2018
- National University of Singapore, Singapore, 2017
- Quality Signaling through Crowdfunding Campaign Design*
- POM-HK annual conference, Hong Kong, 2020
- MSOM conference, Singapore, 2019
- IEOM conference, Bangkok, 2019,
- POM-HK annual conference, Hong Kong, 2018
- On-demand Service Platforms: Ride-hailing Platforms and Competition*
- International Industrial Engineering Conference, Iran, 2018.
- An Empirical Study of the Behavior of Patients Who Leave the ED without Being Seen*
- Chinese Economics Annual Conference, Shenzhen, China, 2020
- Peking University HSBC Business School, Shenzhen, China, 2018
- Nanyang Technological University, Singapore, 2018
- Zhejiang University, China, 2018
- INFORMS healthcare meeting, Rotterdam, Netherlands, 2017
- When Higher Efficiency Hurts: Store Brand Procurement in Asymmetric Retail Channels*
- INFORMS national meeting, Nashville, Tennessee, 2016
- National University of Singapore, Singapore, 2016
- Single Contract to Assure Supply: Non-contractible Capacity and Asymmetric Cost Information*
- INFORMS national meeting, Nashville, Tennessee, 2016
- Delegation versus Control in Supply Chain Procurement*
- Korea Advanced Institute of Science and Technology, Seoul, 2015
- The Optimal Hedging Strategy for Commodity Processors in Supply Chain.*
- INFORMS national meeting, Nashville, Tennessee, 2016
- MSOM annual conference, Toronto, 2015
- An Empirical Study of Reneging Behavior of Patients in an Emergency Department*
- International Conference of Industrial and Systems Engineering, Ferdowsi University, Mashhad, Iran, 2017
- Polytechnic University of Hong Kong, Hong Kong, 2013
- MSOM, SIG in Healthcare Management, INSEAD, 2013
- INFORMS national meeting, Charlotte, NC, 2011
- Why Risk-Neutral Manufacturers Ought to Hedge Commodity Material Purchases*
- National Chengchi University, Taiwan, 2014
- National University of Singapore, Singapore, 2012
- Singapore Management University, Singapore, 2012
- California State University in Fullerton, Los Angeles, CA, 2012
- Honk Kong University of Science and Technology, Hong Kong, 2012
- Chinese University of Hong Kong, Hong Kong, 2012
- POMS national meeting, Reno, NV, 2011
- INFORMS national meeting, Charlotte, NC, 2011

- University of Missouri in St. Louis, St. Louis, Missouri, 2011
- INFORMS national meeting, Austin, Texas, 2010
- Supply Contracting under Asymmetric Information and Different Compliance Regime*
- INFORMS national meeting, Austin, Texas, 2010
- Modeling Reneging from an Emergency Department using Queueing Theory*
- INFORMS national meeting, San Diego, California, 2009

### **KEYNOTE SPEECHES/ DISTINGUISHED LECTURES**

International Conference of Industrial and Systems Engineering, Ferdowsi University, Mashhad, Iran, 14/09/2016.

International Industrial Engineering Conference, Iran University of Science and Technology, Tehran, Iran, 07/02/2018.

### **CONFERENCE ORGANIZATION**

- 2019: Judge, Student Paper Competition, POMS-HK International Conference, Hong Kong, 2020.
- 2018: Co-chair, Program Committee, POMS-HK International Conference, Hong Kong, 2018.
- 2015: Judge, Student Paper Competition, POMS-HK International Conference, Hong Kong, 2016.
- 2013: Judge, Student Paper Competition, POMS-HK International Conference, Hong Kong, 2014.
- 2012: Judge, Student Paper Competition, POMS-HK International Conference, Hong Kong, 2013.

### **POSTGRADUATE STUDENTS** (Please refer to the Teaching File for further details)

#### **Graduated PhD students**

Co-Supervisor, Zhong Chen, 2012-2017, Ph.D.; Thesis Title: “*Three Essays on Operations Management Interfaces with Marketing and Finance*”. Assistant professor at East China Normal University.

### **TEACHING**

- Operations management
- Supply chain management
- Decision making using spreadsheet
- Operations analytics
- Statistics
- Healthcare analytics

### **INTERNAL SERVICE**

#### **Department**

- PhD and MPhil program admission committee, 09/2015-08/2016
- MSc in Business Analytics committee member, 09/2014-09/2019
- Department seminar coordinator, 09/2014-09/2019

#### **Faculty**

- MiM program committee member, 10/2016-9/2017
- Elected Faculty Board, 09/2017-09/2019

### **EXTERNAL SERVICE**

- Associate director of Asian Institute for supply chain and logistics, 09/2013-10/2019
- External examiner for BBA-SCM Program. Department of Supply Chain and Information Management. Hang Seng University, 08/2017-08/2019.
- Reviewer at:  
-*Management Science*

- Manufacturing & Service Operations Management*
- Journal of Operations Management*
- Production and Operations Management*
- Operations Research Letters*
- European Journal of Operational Research*
- Naval Research Logistics*
- Operations Research Society*
- International Journal of Production Economics*
- Omega, The International Journal of Management Science*
- IIESE Transaction*
- Managerial and Decision Economics*
- Asia-Pacific Journal of Operational Research*
- IEEE Transactions on Systems, Man and Cybernetics: Systems*