

MENGSHI LU

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Krannert School of Management, Purdue University
403 W State Street, West Lafayette, Indiana 47907

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY	Berkeley, California
<i>Ph.D. Industrial Engineering and Operations Research</i>	2014
<i>M.A. Statistics</i>	2012
TSINGHUA UNIVERSITY	Beijing, China
<i>M.Eng. Management Science and Engineering</i>	2009
<i>B. Eng. Industrial Engineering</i>	2007

ACADEMIC POSITIONS

PURDUE UNIVERSITY	West Lafayette, Indiana
<i>Assistant Professor of Management</i>	August 2014 – present

PUBLISHED AND ACCEPTED ARTICLES

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- [1] Qi Annabelle Feng, Chengzhang Li, Mengshi Lu, J. George Shanthikumar, 2021. Implementing environmental and social responsibility programs in supply networks through multi-unit bilateral negotiations. *Management Science*, in press (Honorable Mention, *POMS College of Sustainable Operations Student Paper Competition*, awarded to Chengzhang Li).
 - [2] Yong Liang, Mengshi Lu, Zuo-Jun Max Shen, Runyu Tang, 2020. Data center network design for Internet-related services and cloud computing. *Production and Operations Management*, in press.
 - [3] Chengfan Hou, Mengshi Lu, Tianhu Deng, Zuo-Jun Max Shen, 2020. Coordinating project outsourcing through bilateral contract negotiations. *Manufacturing & Service Operations Management*, in press.
 - [4] Mengshi Lu, Zuo-Jun Max Shen, 2020. A review of robust operations management with model uncertainty. *Production and Operations Management*, in press.
 - [5] Mengshi Lu, Hideaki Nakao, Siqian Shen, Lin Zhao, 2021. Nonprofit resource allocation with cross-subsidization under uncertain resource consumption. *Omega: International Journal of Management Science* 99, 102191.
 - [6] Yiling Zhang, Mengshi Lu, Siqian Shen, 2021. On the values of vehicle-to-grid electricity selling in electric vehicle sharing. *Manufacturing & Service Operations Management* 23(2), 488–507
 - [7] Mengshi Lu, Zhihao Chen, Siqian Shen, 2018. Optimizing the profitability and quality of service in carshare systems under demand uncertainty. *Manufacturing & Service Operations Management* 20(2), 162–180 (Featured Article).
 - [8] Mengshi Lu, Lun Ran, Zuo-Jun Max Shen, 2015. Reliable facility location design under uncertain correlated disruptions. *Manufacturing & Service Operations Management* 17(4), 445–455.
 - [9] Mengshi Lu, J. George Shanthikumar, Zuo-Jun Max Shen, 2015. Technical note – Operational statistics: Properties and the risk-averse case. *Naval Research Logistics* 62(3), 206–214.
 - [10] Mengshi Lu, Simin Huang, Zuo-Jun Max Shen, 2011. Product substitution and dual sourcing under random supply failures. *Transportation Research Part B: Methodological* 45(8), 1251–1265.
 - [11] Simin Hunag, Mengshi Lu, Guohua Wan, 2011. Integrated order selection and production scheduling under MTO strategy. *International Journal of Production Research* 49(13), 4085–4101.

SUBMITTED MANUSCRIPTS

- [1] Qi Annabelle Feng, Chengzhang Li, Mengshi Lu, J. George Shanthikumar. Dynamic substitution for selling multiple products under supply and demand uncertainties. *Production and Operations Management*, minor revision.
- [2] Chengfan Hou, Mengshi Lu, Tianhu Deng, Zuo-Jun Max Shen. Robust incentive contract design for project outsourcing. *Production and Operations Management*, under review.
- [3] Chengfan Hou, Mengshi Lu, Tianhu Deng, Zuo-Jun Max Shen. Contractor selection in project outsourcing via request-for-quote. *Operations Research*, under revision for resubmission.
- [4] Lin Zhao, Kemal Guler, Mengshi Lu, Zuo-Jun Max Shen. Learning asymmetric forecast preferences in supply chain forecast sharing. *Production and Operations Management*, major revision.

TEACHING

PURDUE UNIVERSITY	West Lafayette, Indiana
MGMT660 <i>Introduction to Operations Management</i> (MS elective)	2021
MGMT562 <i>Project Management</i> (MBA/MS elective)	2017–2021
MGMT361 <i>Operations Management</i> (undergraduate core)	2015–2017, 2019–2020
MGMT361H <i>Operations Management-Honors</i> (undergraduate core, honors section)	2018
MGMT690 <i>Doctoral Topics OM</i> (PhD elective)	2017–2018
MGMT490 <i>Logistics: Concepts and Models</i> (undergraduate elective)	2014–2015
IE/MGMT690 <i>Advanced Supply Chain Analytics</i> (MS/PhD elective)	2014
UNIVERSITY OF CALIFORNIA, BERKELEY	Berkeley, California
IEOR165 <i>Engineering Statistics</i> (undergraduate core)	2013

STUDENT SUPERVISING

DOCTORAL STUDENTS

- Chengzhang Li (committee co-chair) graduated 2019
- Current Position: Assistant Professor, Shanghai Jiao Tong University
- Jian Wu (committee member) expected graduation 2024

VISITING DOCTORAL STUDENTS

- Liwen Cui 2015 – 2016
- Zihao Jiao 2017 – 2018
- Lin Zhao 2017 – 2018
- Chengfan Hou 2018 – 2020

DEPARTMENT SERVICE

Virtual Department Seminar Committee	2020 to present
Sustainability Research and Teaching Committee	2019 to 2020
Undergraduate Program Faculty Oversight Committee	2017 to 2019

PROFESSIONAL SERVICE

JOURNAL REFEREE

- Applied Mathematical Modeling
- Asia-Pacific Journal of Operational Research
- Computers & Operations Research
- Decision Sciences
- European Journal of Operational Research
- IISE Transactions
- INFOR: Information Systems and Operations Research
- INFORMS Journal on Computing
- International Journal of Production Research
- Journal of Global Optimization
- Journal of Operational Research Society
- Journal of Systems Science and Systems Engineering
- Management Science
- Manufacturing & Service Operations Management
- Naval Research Logistics
- Omega: The International Journal of Management Science
- Operations Research
- Operations Research Letters
- Production and Operations Management
- Service Science
- Transportation Research Part B: Methodological
- Transportation Research Part E: Logistics and Transportation Review
- Transportation Science

REVIEWER/JUDGE

- MSOM Sustainable Operations SIG Conference, 2020
- MSOM Service Management SIG Conference, 2019
- Research Grants Council of Hong Kong, 2018-2019
- POMS Supply Chain College Student Paper Competition, 2016–2018
- MSOM Student Paper Competition, 2017

AD HOC SENIOR EDITOR

- Production and Operations Management

CONFERENCE ORGANIZATION

- Session Chair, POMS Annual Conference, online, May 2021
- Track Co-chair, POMS Annual Conference, Washington, D.C., May 2019
- Session Co-chair, POMS Annual Conference, Washington, D.C., May 2019
- Session Co-chair, POMS Annual Conference, Houston, TX, May 2018
- Session Chair, CSAMSE Annual Conference, Shenyang, China, July 2015
- Session Chair, INFORMS Annual Meeting, Minneapolis, MN, October 2013

HONORS AND AWARDS

Blake Family Research Grant on Business Ethics, 2018-2019 (with Gökçe Esenduran, Qi Annabelle Feng, and J. George Shanthikumar)

Principal Investigator, National Science Foundation Award CMMI-1727478, 2018-2020
John and Mary Willis Young Faculty Scholar Award, 2017
Krannert Outstanding and Distinguished Teachers, Fall 2014–2020
Purdue Research Foundation International Travel Grant, 2015
Doug and Maria DeVos Faculty Support Award, 2014
INFORMS Future Academician Colloquium Nominee, 2013
IEOR Department Summer Fellowship, 2013
Berkeley Fellowship for Graduate Study, 2009-2013

OTHER EXPERIENCES

GOOGLE INC.
Quantitative Analyst

Mountain View, California
April 2014 – August 2014

HEWLETT-PACKARD LABORATORIES
Visiting Researcher

Palo Alto, California
September 2012 – April 2013

ORACLE CORPORATION
Summer Intern

Redwood Shores, California
May 2012 – August 2012