

# MENGSHI LU

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

## EDUCATION

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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

## WORKING EXPERIENCE

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PURDUE UNIVERSITY	West Lafayette, Indiana
<i>Assistant Professor of Management</i>	August 2014 – present
GOOGLE INC.	Mountain View, California
<i>Quantitative Analyst</i>	April 2014 – August 2014
HEWLETT-PACKARD LABORATORIES	Palo Alto, California
<i>Visiting Research Associate</i>	September 2012 – April 2013
ORACLE CORPORATION	Redwood Shores, California
<i>Summer Intern</i>	May 2012 – August 2012

## PAPERS APPEARED/SUBMITTED

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- [1] Optimizing the profitability and quality of service in carshare systems under demand uncertainty. *Manufacturing & Service Operations Management*, accepted (with Zhihao Chen and Siqian Shen).
- [2] Reliable facility location design under uncertain correlated disruptions. *Manufacturing & Service Operations Management* **17**(4), 445–455 (with Lun Ran and Zuo-Jun Max Shen).
- [3] Technical note – Operational statistics: Properties and the risk-averse case. *Naval Research Logistics* **62**(3), 206–214 (with J. George Shanthikumar and Zuo-Jun Max Shen).
- [4] Product substitution and dual sourcing under random supply failures. *Transportation Research Part B: Methodological* **45**(8), 1251–1265 (with Simin Huang and Zuo-Jun Max Shen).
- [5] Integrated order selection and production scheduling under MTO strategy. *International Journal of Production Research* **49**(13), 4085–4101 (with Simin Huang and Guohua Wan).
- [6] Nonprofit resource allocation with cross-subsidization under uncertain resource consumption. under revision (with Siqian Shen).
- [7] Quality of service oriented reliable facility location problem. under review (with Liwen Cui and Zuo-Jun Max Shen).

## COURSES TAUGHT

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PURDUE UNIVERSITY	West Lafayette, Indiana
<i>MGMT562 Project Management</i> (MBA elective)	2017
<i>MGMT690 Doctoral Topics OM</i> (PhD)	2017
<i>MGMT361 Operations Management</i> (undergraduate core)	2015, 2016, 2017
<i>MGMT490 Logistics: Concepts and Models</i> (undergraduate elective)	2014, 2015
<i>IE/MGMT690 Advanced Supply Chain Analytics</i> (MS/PhD)	2014
UNIVERSITY OF CALIFORNIA, BERKELEY	Berkeley, California
<i>IEOR165 Engineering Statistics</i> (undergraduate core)	2013

## STUDENT ADVISING

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DOCTORAL DISSERTATION	
– Chengzhang Li (Committee Chair)	Expected completion 2018
MASTER STUDENT INDIVIDUAL STUDY	
– Yunyang Liu (MBA Student)	August – December 2014
VISITING STUDENT	
– Liwen Cui (PhD Student, Tsinghua University)	November 2015 – May 2016

## INVITED TALKS AND PRESENTATIONS

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INFORMS TSL First Triennial Conference, Chicago, IL, July 2017  
POMS Annual Conference, Seattle, WA, May 2017  
CSAMSE Annual Conference, Shenyang, China, July 2015  
INFORMS Annual Meeting, San Francisco, CA, November 2014  
INFORMS Annual Meeting, Minneapolis, MN, October 2013  
The 8th Workshop on Logistics and Supply Chain Management, Berkeley, CA, October 2013  
INFORMS Annual Meeting, Phoenix, AZ, October 2012  
Hewlett-Packard Laboratories, Palo Alto, CA, December 2011

## PROFESSIONAL ACTIVITIES

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### MEMBER

- Institute for Operations Research and Management Sciences (INFORMS)
- Manufacturing and Service Operations Management Society (MSOM)
- Production and Operations Management Society (POMS)

### JOURNAL REFEREE

- Asia-Pacific Journal of Operational Research
- Journal of Global Optimization

- Journal of Systems Science and Systems Engineering
- Manufacturing & Service Operations Management
- Naval Research Logistics
- Omega: The International Journal of Management Science
- Operations Research
- Production and Operations Management
- Transportation Research Part B: Methodological
- Transportation Research Part E: Logistics and Transportation Review
- Transportation Science

#### INVITED SESSION CHAIR

- CSAMSE Annual Conference, Shenyang, China, July 2015
- INFORMS Annual Meeting, Minneapolis, MN, October 2013

#### REVIEW COMMITTEE

- POMS Supply Chain College Student Paper Competition, 2016, 2017

#### JUDGE

- MSOM Student Paper Competition, 2017

### HONORS AND AWARDS

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John and Mary Willis Young Faculty Scholar Award, 2017  
Krannert Outstanding and Distinguished Teachers, 2015, 2016, 2017  
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