

# ZHAN PANG

Krannert School of Management  
Purdue University  
West Lafayette, IN 47906  
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## EDUCATION

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<b>Chinese University of Hong Kong</b> Ph.D. in Operations Research	Hong Kong, China 2004–2007
<b>Nanjing University</b> M.S. in Mathematics	Nanjing, China 2001–2004
<b>Nanjing University</b> B.S. in Mathematics	Nanjing, China 1997–2001

## ACADEMIC APPOINTMENTS

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<b>Purdue University   Krannert School of Management</b> Professor of Management with Tenure Lewis B. Cullman Rising Star Professorship Associate Professor of Management with Tenure Purdue Innovation and Entrepreneurship Fellow Faculty Affiliate of Purdue Integrative Data Science Initiative (IDSI) Faculty Affiliate of Reginstrief Center of Healthcare Engineering	West Lafayette, IN 2022–present 2020–2025 2018–2022 2021–present 2020–present 2019–present
<b>City University of Hong Kong   College of Business</b> Associate Professor in Management Science Director of PhD Program	Hong Kong, China 2016–2018 2017–2018
<b>Lancaster University   Management School</b> Senior Lecturer (Associate Professor) in Management Science Lecturer (Assistant Professor) in Management Science Director of MSc Program in Operations Research	Lancaster, UK 2014–2016 2010–2014 2013–2015
<b>Norwegian School of Economics</b> Adjunct Professor in Management Science	Bergen, Norway 2014–2015
<b>University of Toronto   Rotman School of Management</b> Postdoctoral Research Fellow	Toronto, Canada 2009.7–2009.12
<b>Cambridge University   Judge Business School</b> Postdoctoral Research Fellow	Cambridge, UK 2009.1–2009.12
<b>University of Calgary   Department of Mathematics</b> Postdoctoral Research Fellow	Calgary, Canada 2008.1–2008.12

## VISITING APPOINTMENTS

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<b>City University of Hong Kong   Department of Computer Science</b> Visiting Professor	Hong Kong 2019/5-6, 2023/5-7
<b>City University of Hong Kong   College of Business</b> Visiting Professor	Hong Kong 2014/10 –2015/5
<b>Alcatel-Lucent Bell Lab</b> Academic Visitor	Dublin 2014/5
<b>Washington University at St. Louis   Olin Business School</b> Visiting Scholar	St. Louis 2010/5,2011/11, 2012/5, 2013/10
<b>Nanjing University   School of Engineering Management</b> Visiting Scholar	Nanjing 2014/7, 2015/7

## ADMINISTRATIVE SERVICES

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<b>Purdue University   Krannert School of Management</b> Krannert SC&OM Area PhD Program Coordinator Krannert SC&OM Area PhD Admission Committee Chair Krannert School PhD Program Committee Member Krannert School MPC Committee Ad-hoc Member Purdue Graduate Council Committee Member Organizing 2023 SCOM Operations Analytic Conference SC&OM Faculty Search Committee Member SC&OM Faculty Search Committee (Chair) Curriculum Development Committee for Online GSC Program Ad-hoc Member Review Committee for Undergraduate Core of SCOM Ad-hoc Member Review Committee for BSIM 2.0 Ad-hoc Member Organize Operations Management Doctoral Symposium (canceled later due to COVID) Judge for Case Competition of Global Supply Chain Master Program	West Lafayette, IN 2020–present 2021–present 2018–present 2020–present 2019–2022 2022-2023 2020, 2022 2018, 2019 2020 2020 2020 2020 2019
<b>City University of Hong Kong   College of Business</b> Director of PhD Program in Management Science	Hong Kong, China 2017 –2018
<b>Lancaster University   Management School</b> Director of MSc Program in Operations Research	Lancaster, UK 2013 –2015

## RESEARCH GRANTS

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Purdue Designing for Data Grant, PI <i>Designing Strategic Sourcing and Procurement Course for Data Science, USD 1000</i>	2022-2024
2023 Krannert Post-Doctoral Fellows Grant, CO-PI <i>Operational Data Analytics for Supply Chain Networks, USD 157,629.50</i>	2022-2024
Takeda Global CSR Program, CO-I <i>Developing and Implementing Efficient, Pull Driven Tools to connect Patient Demand with Supply in Ethiopian Pharmaceutical Supply Chains, bid for USD5.38M</i>	Submitted Feb 2021
Federal Grant Agency for USAID, partnership with Catholic Relief Services, CO-I <i>Remote, Real-Time Tracking (R2T2) System for the Humanitarian Supply Chain, bid for USD7.9M</i>	EOI Submitted Jan 2021
National Science Foundation Partnerships for Innovation (PFI), CO-PI <i>PFI-RP: Partnerships for innovations in intelligent urban excavation systems, bid for USD550,000</i>	Submitted Jan 2021

Sure Champ Ever Group Limited (Hong Kong) Gift Fund <i>Data and Decision Analytics for Smart Health, USD100,000</i>	2019 –now
HK General Research Fund No. 9042713 (CO-I) <i>Inventory Management under Corporate Income Tax, HKD560,000</i>	2019 –2022
HK General Research Fund No. 11501917(PI) <i>Integrated Operational and Financial Hedging in Commodity Risk Management, HKD581,404</i>	2017 –2020
Overseas and Hong Kong, Macau Young Scholars Collaborative Research Fund (NSFC): No. 71528003 <i>Coordinating Pricing and Inventory Control Strategies under Supply Capacity Uncertainty, RMB180,000</i>	2016 –2017

## PUBLICATIONS

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- Zhan Pang, Yixuan Xiao (2022) Inventory management under corporate income tax and accrual accounting. *IISE Transactions*, forthcoming.
- Dong Li, Zhan Pang, Lixian Qian (2022) Bid-price controls for car rental network revenue management. *Production and Operations Management*, forthcoming.
- Lixian Qian, Zhan Pang, Didier Soopermanien (2022) Consumer preference for car sharing and the role of car plate lottery policy: A stated preference experiment in Beijing. *Journal of Cleaner Production*, **362**(15).
- Julie Liu, Zhan Pang, Linggang Qi (2020) Dynamic pricing and inventory management with demand learning: A Bayesian Approach. *Computers & Operations Research* **124** 105078.
- Houyuan Jiang, Zhan Pang, Sergei Savin (2020) Performance incentives and competition in healthcare markets. *Production and Operations Management* **29**(5): 1145-1164.
- Xuying Zhao, Zhan Pang, Wenqiang Xiao (2019) Pre-order price guarantee in e-commerce. *Manufacturing & Service Operations Management* **23**(1) 123-138.
- Xin Chen, Xiangyu Gao, Zhan Pang (2018) Preservation of structural properties in optimization with decisions truncated by random variables and its applications, *Operations Research* **66**(2): 340-357.
- Panos Kouvelis, Zhan Pang, Qing Ding (2018) Integrated financial hedging and inventory management for storable commodity: A mean-variance approach. *Production and Operations Management* **27**(6): 1052–1073.
- Dong Li, Zhan Pang (2016) Dynamic booking control for car rental revenue management: a decomposition approach. *European Journal of Operational Research*, **256**(3):850-867.
- Yue Jin, Zhan Pang (2016) Smart data pricing: The value of shared data plans. *Service Science*, **8**(4):386-405.
- Xuying Zhao, Zhan Pang, Kathryn Stecke (2015) When does advance selling benefit manufacturer, retailer or both? *Production and Operations Management* **25**(6):1073-1087.
- Pedro Crespo Del Granado, Zhan Pang, Stein W. Wallace (2016) Synergy of smart grids and hybrid distributed generation on the value of energy storage. *Applied Energy* **170**:476-488.
- Pedro Crespo Del Granado, Stein W. Wallace, Zhan Pang (2016) The impact of wind uncertainty on the strategic valuation of distributed electricity storage. *Comp. Management Sci.* **13**(1):5-27.
- Zhan Pang, Oded Berman, Ming Hu (2015) Up then down: the bid price trends in revenue management. *Production and Operations Management* **24**(7):1135-1147.
- Zhan Pang (2014) Optimal control of a single-product assemble-to-order system with multiple demand classes and backordering. *IEEE Transactions on Automatic Control* **60**(2):480-484.
- Xin Chen, Zhan Pang, Limeng Pan (2014) Coordinating inventory control and pricing strategies for perishable products. *Operations Research* **62**(2):284-300.

17. Zhan Pang, Houcai Shen, T.C.E. Cheng (2014) Inventory rationing in a make-to-stock system with batch production and multiple demand classes. *Production and Operations Management* **23**(7):1243–1257.
18. Zhan Pang, Frank Y. Chen (2014) Coordinated pricing and inventory control for batch production systems with Erlang leadtimes. *Probability in Engineering and Information Sci.* **28**(4):529–563.
19. Houyuan Jiang, Zhan Pang, Sergei Savin (2012) Performance-based contracting on outpatient medical services. *Manufacturing & Service Operations Management* **14**(4):654-669.
20. Zhan Pang, Frank Y. Chen, Youyi Feng (2012) A note on the structure of joint inventory-pricing control with lead times. *Operations Research* **60**(3):581-587.
21. Pedro Crespo Del Granado, Zhan Pang, Stein W. Wallace (2014) The value of energy storage in domestic homes: A smart grid perspective. *Energy Systems* **5**:211-232.
22. Lei Rao, Xue Liu, Le Xie, Zhan Pang (2011) Hedging against uncertainty: A tale of Internet Data Center operations under smart grid environment. *IEEE Transactions on Smart Grid* **2**(3):555-563.
23. Zhan Pang (2011) Optimal dynamic pricing and inventory control with stock deterioration and partial backordering. *Operations Research Letters* **39**(5):357–379.
24. Houcai Shen, Zhan Pang, T.C. Edwin Cheng (2011) The component procurement problem for the loss-averse manufacturer with spot purchase. *Int. J. of Production Economics* **132**(1):146–153.
25. Liuxin Chen, Frank Y. Chen, Zhan Pang (2011) Dynamic pricing and inventory control in a make-to-stock queue with information on the production status. *IEEE Transactions on Automation Science and Engineering* **8**(2):361–373.
26. Houyuan Jiang, Zhan Pang (2011) Network capacity management under competition. *Computational Optimization and Applications* **50**(2):287–326.
27. Youyi Feng, Zhan Pang (2010) Coordination of production and sales admission control in the presence of a spot market. *Naval Research Logistics* **57**(4):309–329.
28. Youyi Feng, Jihong Ou, Zhan Pang (2008) Optimal control of price and production in an assemble-to-order system. *Operations Research Letters* **36**(4):506–512.
29. Shen, H., J. Xu, Z. Pang (2004) Decision analysis for order-specific component procurement with loss-averse utility. *Chinese Journal of Management Science* **7**(6):37–45.

## WORKING PAPERS

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1. Zhan Pang, Linggang Qi (2022) Price competition in service markets under discrete choice model and rational expectations equilibrium. RR for *Operations Research*.
2. Houyuan Jiang, Zhan Pang, Sergei Savin (2021) Consolidation in healthcare markets: Can performance incentives preserve access to care? Under review for *MSOM*.
3. Zhan Pang, Linggang Qi (2023) Patient choice and imperfect quality information in hospital markets. Target *MS*
4. Zhan Pang, Shuming Wang (2023) Data-driven appointment scheduling: A Wasserstein distributionally robust optimization approach. R&R for *MSOM*.
5. Qiulin Yang, Zhan Pang (2022) Eliciting risk reference in cumulative prospect theory: a stochastic dominance approach. R&R for *Management Science*.
6. Youyi Feng, Zhan Pang (2022) On the optimality of *modified (generalized) (s, S) policies* for capacitated inventory systems.
7. Zhan Pang, Xuying Zhao, Jennifer Zhang (2022) Biases in online consumer review valence: Implications for pricing and social interaction strategies. R&R for *POM*.

## IN PREPARATION

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1. Zhan Pang, Chi-hua Wang (2023) Online learning and dynamic pricing: A Thompson sampling approach
2. Zhan Pang (2023) Optimal policies for co-production systems

## CONFERENCE PROCEEDINGS

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1. To share or not to share: Smart data pricing in mobile services (with Yue Jin), INFOCOM 2014.  
Featured on IEEE Comsoc Blog: <https://www.comsoc.org/publications/ctn/smart-data-pricing>
2. Value, trading strategies and financial investment of natural gas storage assets (with Y. Feng), *Northern Finance Association Conference 2008, Kananaskis*.
3. Supply chain coordination via capacity options with uncertain demand and supply (with H. Shen), *IEEE, Systems, Man and Cybernetics, 2004 IEEE Int. Conference on Vol 7, 10-13 Oct. 5997 - 6002*.

## SUPERVISED DOCTORAL STUDENTS

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<b>Zhendong Pan</b> (Purdue University)	2019–2020 (Quited)
Topic: <i>Sourcing from Unreliable Suppliers</i>	
<b>Linggang Qi</b> (City University of Hong Kong)	2016–2023
Ph.D. in Management Science	
Dissertation: <i>Competition and Performance Incentives in Healthcare Services</i>	
<b>Qiulin Yang</b> (Lancaster University Management School)	2014–2019
Ph.D. in Management Science	
Dissertation: <i>Risk Preferences and Risk Measures in Cumulative Prospect Theory</i>	
Affiliation: Research Assistant Professor, Southern University of Science and Technology (China)	
<b>Pedro Crespo del Granado</b> (Lancaster University Management School)	2010–2014
Ph.D. in Management Science	
Dissertation: <i>The Strategic Role and Value of Energy Storage with Renewables</i>	
Affiliation: Senior Researcher, Norwegian University of Science and Technology	

## MENTORING AND STUDENT PROJECT ADVISING

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<b>SC&amp;OM PhD Students</b>	2020–present
PhD Advisor: Xuejun Zhao, Lei Xie, Jjianing Li, Qianli Xu, Poyraz Bozkurt, Jian Wu	
Activities: Individual mentoring, assessments, self-organized brown bag discussions	
Facilitated the joint seminar series with MIT Data Science Lab from 2021 summer	
<b>Executive MBA Experiential Learning Project</b>	Fall 2022
Advisor for OESD team: Bryce Foldy, Jordyn Mayorga, Moe Salahuddin, Chris Waldron, Jolene Betterly	
Topic: <i>Strategic Sourcing</i>	
<b>Executive MBA Experiential Learning Project</b>	Fall 2021
Advisor for Kardex Remstar team: Buddy Brooks, Carrie Cupp, Alex Itsell-Olson, Sandy Yang, Vidhya Iyer	

Topic: *Business Model Innovation and Channel Expansion for Automated Storage Systems*  
**Boiler Blockchain Lab (Student-led Association)** Fall 2021  
Shane Steidl and Antonio Dominguez Palomar  
Topic: *Organizing student-led blockchain forum*  
**Boilermaker Consulting Group (Student-led Association)** Fall 2021  
Rene Ingea, Vishal Urs, SonnyGhosh, Arda Demirel  
Topic: *Indiana Pacer: Non-Fungible Tokens Marketing Strategy*  
**Integrative Data Science Initiative/ Data Mind Internship** Fall 2020  
Advisor for Kraft Heinz supply chain project team  
Advisor for Becks Hybrid project team  
**Office of Undergraduate Research (OUR) Scholarship** Fall 2022–Spring 2023  
Sitong Chen, Jiayi Zou, Chelsea Elizabeth Lu  
Topic: *Sustainable Supply Chain Operations*  
**Office of Undergraduate Research (OUR) Scholarship** Fall 2021–Spring 2022  
Hui Zeng (Senior, SC, Info & BA), Congshi Pu (Senior, Finance BA), Yuxuan Wu (Senior, CS& Math)  
Topic: *Optimizing Covid-19 Vaccine Distribution and Allocation Strategies*  
**Office of Undergraduate Research (OUR) Scholarship** Fall 2020–Spring 2021  
Hui Zeng (Senior, SC, Info & BA), Quan Wang (Senior, Economics), Sol Li (Senior, SC, Info & BA)  
Topic: *Managing PPE Supply Chain Disruption Risk*  
Present in 2020 Fall/2021 Spring Purdue Undergraduate Symposiums  
Received the 2021 Indianapolis Transportation Scholarship sponsored by Indianapolis Transportation Club (\$1,500)  
**Discovery Park Undergraduate Research Internship (DURI)** Spring 2021  
Evelyn Cai (Purdue), Sophie Qi (University of Pennsylvania)  
Topic: *Managing Long-term Care and End-of-Life Care*  
Present in 2020 Fall Purdue Undergraduate Symposium  
**Undergraduate Research Internship** Spring 2020  
Megha Reddy (Senior, Public Health)  
Topic: *Predictive Analytics for Coronary Heart Disease*  
Present in 2020 Spring Purdue Undergraduate Symposium  
**Discovery Park Undergraduate Research Internship (DURI)** Fall 2019–Spring 2021  
Juliet Aygun (Mathematics), Alaina Bartfeld (Krannert), Sahana Rayan (CS and Applied Stat)  
Topic: *Predicting Postoperative Deliverium after Intracranial Surgery*  
Present in 2020 Spring Purdue Undergraduate Symposium  
Research published in Journal of Purdue Undergraduate Research as a snapshot  
**City University of Hong Kong** 2016–2018  
Msc SCM student team (2016)  
Topic: *Optimize Tier Supplier Base* (Consulting for Pentland)  
Msc SCM student team (2017)

Topic: *Cyclic Economics for Lead-acid Battery* (Consulting for Qianhai Supply Chain)

**Lancaster University Management School**

2010–2016

Mohammad Rahman (Msc in Operational Research 2014)

Topic: *Propensity modeling* (Consulting for Shop Direct)

Nabham Hussian (Msc in OR 2014) and Zhijie Hu (Msc in Marketing Analytics 2014)

Topic: *Direct marketing call center outsourcing* (Consulting for Shop Direct Group)

Rebecca Lee and Siyuan Ye (Msc in Marketing Analytics 2014)

Topic: *CRM Analytics* (Consulting for Carphone Warehouse)

Meiqi Liu (Msc in Marketing Analytics 2013)

Topic: *Call Center Analytics and Online Consumer Behavior* (Consulting for Shop Direct Group)

Boya Liu (Msc in Logistics and Supply Chain 2013)

Topic: *Center Analytics and Online Consumer Behavior* (Consulting for Shop Direct Group)

Tan Jiang (Msc in Marketing Analytics 2012)

Topic: *Strategy in Direct Catalog Mailing* (Consulting for Shop Direct Group)

Fei Liu (Msc in Operations Research 2012)

Topic: *Renewables in Distributed Energy Systems* (Research)

Min Xiao (Msc in Quantitative Finance 2012)

Topic: *Modelling Electricity Price Dynamics in the Presence of Renewable Energy* (Research)

Vishal Kahate (Msc in Operations Research 2010)

Topic: *Modeling Product Returns* (Consulting for Shop Direct Group)

Xin Yu (Msc in Marketing Analytics 2011)

Topic: *Modeling Good-Lost-in-Transit (GLIT) and Proof-of-Delivery (PoD)* (Consulting for Shop Direct Group)

Cheng-Ta Hsieh (Msc in Marketing Analytics 2011)

Topic: *Patient Choice Behavior: The Case of Shanghai* (Research)

Mrudula Venkatachalam (Msc in Marketing Analytics 2011)

Topic: *Modeling Consumer Choice for Tablets* (Research)

Alex Dong (Msc in Marketing Analytics 2011)

Topic: *Modeling the Impact of Events in Forecasting for Pharmaceutical Products* (Consulting for Astra Zeneca)

Berina Bokan (Msc in Marketing Analytics 2011)

Topic: *Modeling for Preference Share in Pharmaceutical industry* (Consulting for Astra Zeneca)

## TEACHING

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### Purdue University

**2018-present**

Supply Chain Management (Master)

2021/2022/2023 Spring

Strategic Sourcing and Procurement (Undergraduate)

2020 (new course)/2021/2022/2023 Spring

Operations Management (Undergraduate)

2018 Fall, 2020 Spring

SCOM Brownbag and Seminar Series	2020/2021/2022/2023 Spring
<b>Singapore University of Social Sciences</b>	<b>2022</b>
BUS601 Contemporary Topics in Business and Management (DBA)	2022 May
<b>City University of Hong Kong</b>	<b>2015 –2018</b>
Operations Management (EMBA)	2018 Spring
Strategic Sourcing and Procurement (MSc in SCM)	2016 –2018
Transportation Logistics (MSc in SCM)	2015 –2018
<b>Norwegian School of Economics</b>	<b>2013 –2015</b>
Pricing Optimization and Revenue Management (MSc)	2013 –2015
<b>Lancaster University</b>	<b>2010 –2016</b>
Pricing Analytics and Revenue Management (MSc)	2012 –2014
Revenue Management and Demand Forecasting (Undergraduate)	2010 –2014
Business Statistics (Undergraduate)	2010 –2013
Introduction to Operations Research (MSC in OR)	2013 Fall

## EDITORIAL SERVICES

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Senior Editor, <i>Productions and Operaitons Management</i> (Healthcare Operations)	2018 –present
Editor, <i>Journal of Blockchain Research</i>	2019 –present
Guest Editor of Special Issue on Blockchain Theory and Application for <i>Journal of Blockchain Research</i> 2020 –present	
Frequent ad-hoc reviewers for OR/MS/POM/MSOM/EJOR/IJPE/IJPR	2008 –present

## OTHER PROFESSIONAL SERVICES

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Session-Chair, INFORMS Annual Meeting at Indianapolis	2022
Co-Chair, Smart and Future Mobility Workshop in Suzhou	2022
Reviewer for faculty promotions for Nanjing University	2022
Organizing a blockchain online forum (a series of online webinar sessions in conjunction with the release of the first issue of <i>Journal of Blockchain Research</i> ) (in preparation)	2021-present
Founding member of China Society for Industrial and Applied Mathematics Activity Group on Blockchain	2020
Healthcare Operations Management Cluster Chair, POMS Annual Meeting at Washington DC	2019
Data-driven Operations Management Cluster Chair, POMS International Meeting at Tianjin	2019
External PhD Committee Member for Reza Azad Gholami, Norwegian School of Economics	2018
External Examiner of MSc Program in Business Analytics, Xi'an Jiaotong University	2015

## INVITED UNIVERSITY PRESENTATIONS

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2022: Singapore University of Social Sciences
2021: MIT (Data Science Lab)
2020: North Carolina State University, Nanjing University



2019: University of Science and Technology of China, University of Chinese Academic of Science, Purdue University  
 2018: Purdue University, Tsinghua University, University of Chinese Academic of Science  
 2017: UIUC, West China Hospital, Shanghai Jiaotong University, Nanjing University  
 2016: Sichuan University, City University of Hong Kong, Hong Kong Polytechnic University  
 2015: Aarhus University, University of Edinburgh  
 2014: York University, Nanjing University, China University of Science and Technology, Jinan University, Sun-Yat-Sen University, Southern China University of Technology, Suzhou University  
 2013: Warwick University, Nanjing University  
 2012: Norwegian School of Economics  
 2011: Norwegian University of Technology and Science  
 2009: University of Cambridge  
 2008: University of Calgary

## CONFERENCE PRESENTATIONS

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**The 8th ICCM-CAM Annual Workshop (2019)** Hefei, China  
 Blockchain for Food Supply Chain

**INFORMS 2019 Annual Meeting** Seattle, WA  
 Inventory Management under Corporate Income Tax  
 Risk-sensitive Appointment Scheduling  
 Managing Quality Of Care In Competitive Healthcare Markets: A Rational Expectations Equilibrium Approach  
 Session Chair for WA65 - Decision and Data Analytics for Healthcare Service Operations

**POMS 2019 Annual Meeting** DC  
 Cluster Chair: Healthcare Operations Management  
 Managing Quality of Care for Healthcare Services: The Role of Social Learning and Competition  
 Managing Food Supply Chain: Traceability and Blockchain Enabled Sourcing Strategies Blockchains in Supply Chains: A Prototype in a Food Supply Chain

**2019 POMS International Conference in China** Tianjin  
 Cluster Chair: Data-driven Operations Management  
 Risk-sensitive Appointment Scheduling: A Data-driven Approach

**MOSTLY OM 2019 Workshop at The Chinese University of Hong Kong (Shenzhen)** Shenzhen  
 Session Chair: Decision-making Under Risk and Uncertainty  
 Risk-sensitive Appointment Scheduling with Multiple Patient Types: A Data-driven Approach  
 Risk Measure and Risk Preferences in Cumulative Prospect Theory: A Stochastic Dominance Approach

**INFORMS 2018 Annual Meeting** Phoenix, AZ  
 Is on Demand Car Rental a Complement or Substitute for Private Car and Public Transit?  
 Inventory Management Under Corporate Income Tax  
 Stochastic Optimization with Decisions Truncated by Random Variables and its Applications in Operations

**The 2018 POMS-HK International Conference** Hong Kong  
 Dynamic Hedging and Inventory Management: A Mean-Variance Approach

**INFORMS 2017 Annual Meeting** Houston, TX  
 Car Rental Network Revenue Management  
 Dynamic Financial Hedging and Inventory Management for Storable Commodity

## Selected List of Conferences in Earlier Years

2003-2017

INFORMS 2005/2006/2007/2009/2012/2014 Annual Meetings  
EURO 2013 - 26th European Conference on Operational Research :: Rome  
INFORMS RMP Section 2008 Annual Conference :: Montreal  
Northern Finance Association 2008 Annual Conference :: Calgary  
INFORMS 2006 International Meeting :: Hong Kong  
POMS 2007 Annual Meeting :: Dallas  
DSI 2003 International Conference :: Shanghai

## INDUSTRIAL ADVISING AND CONSULTING

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<b>China Titans Energy Technology Group Co., Ltd. (HKEx 2188)</b> Independent Non-executive Director	Zhuhai 2015 –present
<b>EV-Link EV Charging Services</b> Consultant	Zhuhai 2022 –present
<b>Geriatric Hospital of Shenzhen Luohu Hospital Group</b> Academic Advisor for Elderly Care Management	Shenzhen 2020 –present
<b>Henian Home Healthcare Services (Non-for-Profit)</b> Consultant	Shenzhen 2020 –present
<b>Dow Chemical</b> Research Partnership	Michigan 2022 –present
<b>Corteva Agrscience</b> Experiential Learning Education Partnership	Indianapolis 2022 –present
<b>Wabash</b> Experiential Learning Education Partnership	Lafayette 2022 –present
<b>Dolfinite Health Management Technology</b> Academic Advisor for Health Management	Shenzhen 2020 –present
<b>Pentland Asia</b> Research Consulting: Supply Base Optimization for Global Sourcing (with NDA)	Hong Kong 2016
<b>Qianhai Supply Chain Co. Ltd.</b> Research Consulting: Lead-acid battery recycling supply chain management	Shenzhen 2017
<b>Inform Information Systems Limited</b> Research Consulting: Gasoline Pricing (with NDA)	United Kingdom 2014
<b>Alcatel-Lucent Bell Lab</b> Research Collaboration: Data Plan Pricing (with NDA)	Ireland 2014
<b>Symphony Teleca Services, Inc.</b> Research Project: Big Data and Business Analytics (with NDA)	United Kingdom 2013
<b>Avis Budget EMEA Ltd</b> Research Collaboration: Data Analytics for Car Rental Revenue Management (with NDA)	United Kingdom 2012

## MEDIA COVERAGE

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Innovation and Entrepreneurship Fellowship   <i>Purdue Newsroom</i> University Announcement External media coverage: <i>insideindianabusiness.com, exbulletin.com</i>	2021/08/5
Visiting Youzhicai Cloud Purchasing Platform   <i>www.kknews.cc</i> Introduce blockchain for supply chain to youzhicai.com	2018/05/07
“Smegma Air” (by B.R.)   <i>The Economist</i> Comments on airline revenue management in an interview	2015/05/18
“LUMS uses SAS Analytics to help Online Retailer Predict Fraud Risk”   <i>SAS Customer Stories</i> Report our successful implementation of online retailing fraud prediction for a leading UK online retailer	2011