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Professional Experience

- 2011- Associate Professor, Technology and Operations Management Department, California State Polytechnic University, Pomona
- 2005-2011 Assistant Professor, Technology and Operations Management Department, California State Polytechnic University, Pomona
- 2003-2005 Instructor, Department of Operations, Weatherhead School of Management, Case Western Reserve University, Cleveland, Ohio

Education

- 2005 Ph.D. in Operations, Department of Operations, Weatherhead School of Management, Case Western Reserve University
- 2000 M.E. in System Engineering, Research Institute of System Engineering, School of Management, Tianjin University, Tianjin, China
- 1997 B.E. in Engineering Economics, Department of Engineering Economics, School of Management, Tianjin University, Tianjin, China
- 1997 B.A. in English, Tianjin University, Tianjin, China

Teaching Interest

- Operations/Supply Chain Management and related topics – operations management, supply chain management, business logistics, production and inventory management, supply management, quality management, customer relationship management, project management
- Data Science related topics – business analytics, management science, business statistics, optimization, spreadsheet modeling

Course and Program Development Experience

- Developed complete online Operations Management course with full video contents and customized assessment
- Developed new MBA core course on Operations and Supply Chain Management
- Developed new undergraduate and graduate level courses on business analytics covering topics in descriptive, predictive, and prescriptive analytics
- Led SCM program design based on the detailed program study on national ranked SCM programs

Teaching Experience (sample syllabi and online materials available upon request)

- 2005 ~ Undergraduate/MBA courses in Operations Management, Supply Chain Management, and Data Science related topics: Operations and Supply Chain Management, Managerial Statistics, Business Logistics, Supply Chain Design, Production and Inventory Management, Management Science, etc., at California State Polytechnic University, Pomona
- Experienced in communicating/teaching students from different cultures/backgrounds
 - Experienced in applying technology (simulation games, online assessment, online discussion forum) to support high quality classroom teaching
 - Average student evaluation 1.4 out of 5 (1 as the best rating)
- 2013- Hybrid/online Operations Management course in business core
- Video recorded (with caption) for Operations Management, including modules such as process analysis, quality management, inventory management, project management, supply chain inventory models etc. (Tools used – Snagit, Camtasia 8, and blackboard)
 - Balanced approach based on modular design targeting knowledge areas instead of book chapters
 - Online assessment including uniquely designed online assignments and online exams
- 2013 Executive training programs for Chinese Hubei Provincial Development and Reform Commission
- Demand Driven Logistics and Supply Chain Strategy and Design
 - Global Logistics and Operation-Supply Chain in E-commerce Era
- 2003 ~ 2005 MBA course Decision Models and Statistics, at Case Western Reserve University, Weatherhead School of Management
- Full time and party time MBA courses on management science and business statistics; experienced in hybrid classes and technologies (e-college platform) in classroom teaching; student evaluation ranges from 4.07 to 4.48 out of 5

with 5 as the top rating

2004 Taught *Theory of Non-Linear Programming*, at Case Western Reserve University (Ph.D. core course, student evaluation 4.75 out of 5.)

Teaching Methodology and Skill Development

Online/hybrid course design

- Online and Hybrid Course Design Workshop, Wiley Faculty Network
- Online/hybrid class design workshop, California State Polytechnic University, Pomona

Integrating SAP into Business Curriculum

- University Alliances Summer Workshop on Business Analytics on SAP (data visualization and descriptive analytics with SAP Lumira, predicative analytics with tools such as SAP Business Objects and SAP Predictive)
- University Alliances Workshop on Integrating SAP into Operations Management topics (basic SAP modules and navigation)

Other Instruction Methods

- Harvard Case Method Teaching Seminar, Part I (at Texas A&M Univ.), September 2014
- LINKS Simulation Training in Global Supply Chain Management, Summer 2014
- Practice Operations Management Simulation Game Experiment with McGraw-Hill, Spring 2014
- McGraw-Hill Supply Chain Management Symposium, March 2013
- McGraw-Hill Teaching without Limits Operations Management Symposium, March 2016

Business Analytics Tools

- Data Science related online training in R programing and Data Analysis
- SAS training on Applied Analytics Using SAS Enterprise Miner

Research Interest

Sustainable supply chain management, risk management in supply chains, operations and marketing interface, operations and finance interface

Google scholar: <http://scholar.google.com/citations?user=TMZSwrYAAAAJ&hl=en&oi=ao>

Current Work

- Intersection of Economic and Environmental Goals of Sustainable Development Initiatives, with A. Halati, working paper
- Integrative Design of Supply Chain Management Curriculum, work in progress
- Optimal Procurement Design in the Presence of Asymmetric Yield and Cost Information, work in progress
- Managing random yield risks in supply chains, work in progress
- Matching supply with demand in sharing economy – an economic modeling approach, work in progress

Peer-Reviewed Journal Articles under Review/Revision

- Study of Customer Purchasing Behavior towards Remanufactured Products, with X. Xun and S. Zeng, submitted and under review for *International Journal of Production Economics*

Peer-Reviewed Journal Publications

- Supply risk sharing in a closed-loop supply chain *International Journal of Production Economics*, Volume 183, Part A, January 2017, Pages 39–52
- Green product design in supply chains under competition, with W. Zhu, accepted and forthcoming (2016), *European Journal of Operational Research*
- Matching supply with demand in Supply Chain Management education, joint work with A. Sinha and W.P. Milhiser, *International Journal of Logistics Management*, Volume 16, Issue 3, 2016
- Closed-loop supply chain sequential pricing under collection uncertainty, *Journal of Supply Chain and Operations Management*, Volume 14, Issue 1, February 2016, page 17-29
- Acquisition Price and Production Decisions in a Closed-loop Supply Chain, single author, *International Journal of Production Economics*, 163 (2015), page 48-60
- Reused Product Pricing and Stocking Decisions in Closed-Loop Supply Chain, joint work with A. Halati, *Journal of Supply Chain and Operations Management*, Issue 1, February, 2014, page 41-49
- Sequential price and quantity decisions under supply and demand risks, single author, *International Journal of Production Economics*, Volume 141, Issue 2, February 2013, page 541–551
- Reverse logistic product pricing in a supply chain of substitutable product and random yield, with A. Halati, *California Journal of Operations Management*, Vol. 9, Issue 1, Feb 2011, page 26-33
- Random Yield Supply Chain with a Yield Dependent Secondary Market, with J. Zhang, *European Journal of Operational Research*, Vol. 206, Issue 1, October 2010, page 221-230
- Analysis of supply chains with quantity based fixed incentives, with A. Halati, *European Journal of Operational Research*, Vol. 202, Issue 1, Apr. 2010, page 214-222
- Fill Rate of General Periodic Review Two-stage Inventory Systems, with J. Zhang and L. Bai,

International Journal of Operational Research, Vol. 8, No. 1, 2010, page 62-84

- Compensating Non-Dedicated Cross-Functional Teams, with S. Wang, *Organization Science*, Vol. 19, No. 5, September–October 2008, pp. 753–765
- Random Yield Risk Sharing in a Two-level Supply Chain, with J. Zhang, *International Journal of Production Economics*, Vol. 112, 2008, 769–781
- Inventory Management with Product Substitution and Stochastic Yield, with H. Halati & X. Xu, *California Journal of Operations Management*, Feb. 2007, Volume 5, No. 1, page 12-18

Peer-Reviewed Proceeding Publications

- Economics of software development, with W. Zhu, *Proceedings of PACIS 2016 Conference*, June 2016
- Supply chain management talents shortage – a demand-supply analysis, with A. Sinha, *Proceedings of WDSI 2014 Annual Conference*, Apr 2014
- Reused Product Pricing and Stocking Decisions in Closed-Loop Supply Chain, with A. Halati, *CSU-POM 2014 Annual Conference Proceeding*, Sacramento, CA, Feb 2014
- Green product and process design in supply chains, with W. Zhu, *Proceedings of DSI 2013 Annual Conference*, Nov 2013
- Modeling transportation emission costs under two supply chain contracts, with A. Halati, *Proceedings of DSI 2012 Annual Conference*, Nov 2012
- Random Yield Supply Chain With a Yield Dependent Secondary Market, with J. Zhang, *Proceedings of DSI 2008 Annual Conference*, (2008) 2011-2016
- Survival Analysis in Evaluating Credit Policies of Commercial Banks, with W. Zhang, and C.F. Wang, *Proceedings of the 5th Annual Meeting for Junior Professionals of Management and Systems*, June 1999, Volume 5 (in Chinese)

Conference Presentations

- X. Xu, Y. He, and S. Zeng, Exploring Influential Factors of Customer Purchase Intention in Sharing Economy, Nov 2016 (Accepted), Decision Science Institute 2016 Conference, Austin, TX
- S. Zeng and Y. He, Matching supply with demand in sharing economy – an economic modeling approach, Nov 2016 (Accepted), Decision Science Institute 2016 Conference, Austin, TX
- W. Zhu and Y. He, Economics of software development, with W. Zhu, June 2016 (Accepted), Pacific Asia Conference on Information Systems Conference 2016, Chiayi, Taiwan
- X. Xu, S. Zeng, and Y. He, Study of Customer Purchasing Behavior towards Remanufactured Products, Apr 2016, Western Decision Science Institute 2016 Conference, Las Vegas, NV
- W. Zhu and Y. He, “Impact of supply chain competition on green product and process design”, Nov 2015, Decision Science Institute 2015 Conference, Seattle, WA
- Y. He and A. Halati, “Economic and environmental benefits of sustainable initiatives and impact on operations”, Apr 2015, Western Decision Science Institute 2015 conference, Maui,

HI

- **Y. He**, "Acquisition pricing and remanufacturing decisions in a closed-loop supply chain", Apr 2015, Western Decision Science Institute 2015 conference, Maui, HI
- Amit Sinha and **Y. He**, "Matching Demand with Supply in Supply Chain Management Knowledge Areas", Nov 2014, Decision Science Institute 2014 Conference, Tampa, FL
- R. Kumar and **Y. He**, "Redesigning an Operations and Supply Chain Management Curriculum", Nov 2014, Decision Science Institute 2014 Conference, Tampa, FL
- A. Halati and **Y. He**, "Economic and Environmental Benefits of Sustainable Initiatives and Impact on Operations", Nov 2014, Decision Science Institute 2014 Conference, Tampa, FL
- X. Fang and **Y. He**, "Optimal Procurement Design in the Presence of Asymmetric Yield and Cost Information", Nov 2014, INFORMS 2014 annual conference, San Francisco, CA
- A. Sinha and **Y. He**, "Demand – Supply Analysis of Supply Chain Professionals", Apr. 2014, Western Decision Science Institute 2014 Conference, Napa, CA
- W. Zhu and **Y. He**, "Green product and process design in supply chains", Nov 2013, Decision Science Institute 2013 Annual Conference, Baltimore, MD
- **Y. He** and A. Halati, "Modeling transportation emission costs under two supply chain contracts", Decision Science Institute 2012 Annual Conference, Nov 2012, San Francisco, CA
- **Y. He** and J. Zhang, "Modeling random yield risks in supply chains", Decision Science Institute 2012 Annual Conference, Nov 2012, San Francisco, CA
- **Y. He** and A. Halati, "Modeling the sustainable supply chains", Decision Science Institute 2011 Annual Conference, Nov 2011, Boston, MA
- **Y. He** and A. Halati, "Reverse logistic product pricing in a supply chain of substitutable product and random yield", California State University-Production and Operations Management Annual Conference, Feb 2011, Bakersfield, CA
- J. Zhang and **Y. He**, "Random Yield Supply Chain with a Yield Dependent Secondary Market", DSI Annual Meeting, Oct 2008, Washington D.C.
- J. Zhang and **Y. He**, "Base-stock Control of Two-stage Inventory Systems with Periodic Batching Under Fill-rate Constraint", INFORMS Annual Meeting, Nov 2007, Seattle, WA
- **Y. He** and J. Zhang, "Random Yield Risk Sharing in a Two-level Supply Chain", INFORMS Annual Meeting, Nov 2007, Seattle, WA
- **Y. He**, A. Halati, and X. Xu, "Inventory Management with Product Substitution and Stochastic Yield, with H. Halati & E. Xu", California State University-Production and Operations Management Annual Conference, Feb 2007, Fullerton, CA
- **Y. He** and A. Halati, "Supply Chain Coordination with Fixed Incentive Contracts" INFORMS Annual International Meeting, June 2006, Hong Kong, China
- **Y. He**, "A Supply Chain with General Random Yield Distribution", INFORMS Annual Meeting, Nov 2005, Denver, Colorado
- **Y. He**, "Contracts in Supply Chains with Random Yield", Case Western Reserve University, Apr 2004, Cleveland, Ohio
- **Y. He**, "Effects of Random Yield on Supply Chains", INFORMS Annual Meeting, Oct 2003, Atlanta, Georgia
- **Y. He**, "Market Segmentation on the Basis of Product Delivery Delay", INFORMS Annual Meeting, Nov 2002, San Jose, California

Academic Services

- Track Chair for Western Decision Science Institute Annual Conference 2017
- Track Chair for Pacific Asia Conference on Information Systems PACIS 2016
- President-elect for ICISA 2015-2016 (International Chinese Information Systems Association)
- Editorial review board for *Pan-Pacific Journal of Business Research*
- Served as ad-hoc referee for academic journals including, *European Journal of Operational Research*, *Decision Support System*, *OMEGA*, *OR Spectrum*, *OR Society*, *Transportation Science Part E (TRE)*, *International Journal of Production Economics*, *International Journal of Manufacturing Technology and Management*, *California Journal of Operations Management* etc.
- Served *Wiley's Operations Management Advisory Board* 2012

University Services

- Co-chair, College of Business Dean Search Committee, 2015-2016
- Chair, Semester Conversion Committee (major revision on OM and SCM programs) 2014 - 2016
- Chair, Faculty Recruitment Committee 2014-2015
- Member, University Professional Leave Committee 2014-2016
- Student club advisor - Technology and Operations Management Department student association (ATOMS) 2014-2015
- Member, Department RTP revision committee (tenure documents revision)
- Member, College Faculty Scholarship Committee (research paper review and scholarship award review)
- Member, University Research Council Committee (research proposals review)
- Member, University Faculty Development Council (research grant proposal review)
- President, Student Chapter of INFORMS, Case Western Reserve University, 2003~2004

Membership

- Member of INFORMS
- Member of Manufacturing & Service Operations Management (M&SOM) Society
- Member of DSI, WDSI
- Member of International Chinese Information System Associations (ICISA)

Industry Experience

- 2002 Investment Strategy Consultant
The Oxford Group of Advest, Shaker Heights, OH 44122
- 1997-2000 Systems Engineer Consultant
"Currency Transportation System", joint project with Currency and Gold Bureau,

People's Bank of China (PBOC), Beijing, China

Award and Grants

2013-present Provost Teacher-Scholar Support Program
2015 College of Business Administration Faculty Research Award - \$6000
2014 Cal Poly Pomona Professional Leave Winter 2014
2014 College of Business Administration Faculty Research Award - \$5000
2013 College of Business Administration Faculty Research Award - \$5000
2013 Kellogg Presidential RSCA Summer Research Grant Award - \$4000
2012 College of Business Administration Faculty Research Award - \$5000
2011 College of Business Administration Faculty Research Award - \$8500
2009 College of Business Dean's Research Scholarship Award -\$5000
2005-2007 Recipient of Summer Research Fund from College of Business Administration,
California State Polytechnic University, Pomona
2006 2005-2006 Mini-Grant Program from California State Polytechnic University,
Pomona
2006 Appointed to Young Researcher Roundtable in INFORMS conference on O. R.
practice, Miami, FL
2000- 2005 Graduate Fellowship, Department of Operations, Weatherhead School of
Management, Case Western Reserve University
1997-2000 Graduate Fellowship, Management School of Tianjin University, Tianjin
University
1996 DingXing Fellowships, DingXing Corp., Tianjin, P.R. China