Hsiao-Hui Lee (李曉惠)

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CURRENT AND PAST POSITIONS

Assistant Professor, Innovation and Information Management group, University of Hong Kong, 2011-present
Visiting assistant professor, Operations & Information Management Department, University of Connecticut, 2010-2011

EDUCATION

Ph.D. in Operations Management, Simon School, University of Rochester, 2010
M.S. in Business Administration concentration in Management Science, University of Rochester, 2008
M.S. in Structural Engineering, National Taiwan University, Taipei, Taiwan, 2002
B.S. in Civil Engineering, National Taiwan University, Taipei, Taiwan, 2000

RESEARCH INTERESTS

Service Management, Health Care Operations, and Contracting and Coordination in Supply Chains, Innovation and Sustainability

REFEREED PUBLICATIONS

1. "A Queueing Model to Evaluate the Impact of Patient "Batching" on Throughput and Flow Time in a Medical Teaching Facility," with Gregory Dobson, Arvind Sainathan, and Vera Tilson, 2012, *M&SOM*, April 2012 msom.1120.0380
2. "Outsourcing a Two-Level Service Process," with Edieal Pinker and Robert Shumsky, 2012, *Management Science*, April 2012 mnsc.1110.1503
3. "A Model of ICU Bumping," with Gregory Dobson and Edieal Pinker, 2010, *Operations Research*, **58**(6), pp. 1564-1576 (Finalist, Pierskalla Prize Competition of INFORMS 2008)
4. "Can Flexibility be Constraining?" with Edieal Pinker and Oded Berman, 2009, *IIE Transactions*, **42**(1), pp. 42-59
5. "Consistent Formulations for Geometric Nonlinear Analysis of Space Framed Structures," with Liang-Jeng Leu, 2003, *Journal of the International Association for Shell and Spatial Structures*, **44**, pp. 175-180

COMPLETE WORKING PAPERS

6. "The Role of Innovation Efficiency in Inventory Turnover Performance," with Jianer Zhou and Po-Hsuan Hsu, 2012
7. "The Value Relevance of Competitiveness in Technological Innovation for Bondholders," with Po-Hsuan Hsu, Zhu Liu, Zhipeng Zhang, 2012

REFEREED PROCEEDINGS

8. "Sourcing for Quality: Pricing, Inspection, and Collaboration," 2011, Proceedings of 2011 M&SOM Conference
9. "Managing ICU Bumping," with Gregory Dobson and Edieal Pinker, 2010, Proceedings of 2010 M&SOM Conference"
10. "Managing the Outsourcing of Two-Level Service Processes: Literature Review and Integration," with Edieal Pinker, Robert Shumsky, and Sameer Hasija, 2010, Proceedings of HICSS'43
11. "Outsourcing a Two-Tier Service Process," with Edieal Pinker and Robert Shumsky, 2009, Proceedings of 2009 M&SOM Conference

PRACTITIONER JOURNALS

12. "Can Flexibility Be Constraining?" with Edieal Pinker and Oded Berman, 2009, *Industrial Engineer* 41 (12).

GRANTS

1. "The role of Sustainability in firm's operational strategies" (Co-I: M. Nunez and J. Cruz), Seed Funding Programme for Basic Research, School of Business at HKU, Oct. 27, 2011.

INVITED PRESENTATIONS

- The Provision and Impact of Trade Credit in Supply Chains with Imbalanced Bargaining Power: An Empirical Study, HKUST, 2011; POMS-HK international conference, Hong Kong, 2012; City University of Hong Kong, 2012
- Sustainable Production Strategy, INFORMS Annual Conference, Charlotte NC, 2011; National Taiwan University, 2012
- Outsourcing a Service when the Vendor Chooses the Process Design, INFORMS Annual Conference, Charlotte NC, 2011
- Sourcing for Quality: Pricing, Inspection, and Collaboration, POMS Conference, Reno, NV, 2011
- Inventory Turnover Driven by Innovation and Labor Productivity: An Empirical Study, University of Connecticut, 2010
- Managing ICU Bumping, INFORMS Annual Conference, Austin, TX, 2010
- Outsourcing a Two-Tier Service Process:
  INFORMS Annual Conference, Washington D.C., 2008; 3rd Workshop on Information Intensive Services, Rochester, NY, 2009; CORS-INFORMS International Conference, Toronto, ON, 2009; MSOM Conference, Boston, MA, 2009; Smith School of Business, University of Maryland, 2009; Lundquist College of Business, University of Oregon, 2009; Nanyang Business School, Nanyang Technology University, 2010; Bentley University, 2010; University of Connecticut, 2010
- Process and Contract Design when Outsourcing a Two-Level Service Process, INFORMS Annual Conference, San Diego, CA, 2009
- Can Flexibility be Constraining? INFORMS Annual Conference, Washington D.C., 2008
- Patient Flow through an ICU, INFORMS Annual Conference, Seattle WA, 2007
- Tradeoffs among Capacity, Redundancy, and Service Contracts, INFORMS Annual Conference, Seattle WA, 2007

HONORS AND AWARDS

Pierskalla Prize Competition Finalist, INFORMS 2008
INFORMS Future Academician Colloquium, 2009
Graduate Fellowship, Simon School, 2005-2009
Lab instructor bonus, Simon School, 2007
Performance awards for highest grades in doctoral qualifying and core exams, Simon School, 2006-2007
Taiwan Scholarship, Taiwan government, 2008-2010
National Science Council Thesis Award, National Science Council, Taiwan, 2002
Member of The Phi Tau Phi Scholastic Honor Society, 2000
Seven Presidential Awards (awarded to top 5%), National Taiwan University, 1996-1999

TEACHING EXPERIENCE

School of Business, University of Hong Kong

- Instructor: Quantitative Analysis for Business Decisions, Spring 2012

School of Business, University of Connecticut

- Instructor: Operations Management (Undergraduate Core), Fall 2010, Spring 2011
  Operations Management (Business Minor), Spring 2011
  Principles of Engineering Management (Engineering/Business joint course), Spring 2011

Simon School, University of Rochester

- Lab Instructor: Operations Management (MBA Core), Fall quarter 2007
- Teaching Assistant: Operations Management (MBA Core), Fall quarter 2006 and Winter quarter 2006
  Integer Programming (Ph.D. Core), Spring quarter 2007

PROFESSIONAL SERVICE

Discussant: 3rd Workshop on Information Intensive Services, Rochester, NY, 2009

Ad-hoc Reviewer: *INFORMS Journal on Computing; Production and Operations Management; Decision Support System* (Special Issue on Information Issues in Supply Chain and in Service System Design); Hawaiian International Conference on System Sciences, Hawaii