

***Seokjin Kim***  
Assistant Professor

**Education**

PhD, University of Toronto, Toronto, ON, Canada, Operations Management, 2005  
MS, Stanford University, Stanford, CA, USA, Engineering-Economic Systems (Currently, Management Science and Engineering), 1993  
MBA, Yonsei University, Seoul, South Korea, Business Administration, 1989  
BBA, Yonsei University, Seoul, South Korea, Business Administration, 1987

**Dissertation**

*Service Level Commitment in Location Models with Stochastic Demands and Congestion*, 2005  
*Optimal Control of Production-Inventory Model with Time Delays*, 1989

**Teaching Interests**

MBA course: ISOM 901 Supply Chain Management  
Undergraduate courses: ISOM 319 Operations Management, ISOM 201 Data and Decision Analysis

**Research Interests**

Network design of supply chains, Service operations, Workforce management, Dynamics of quality costs

**ACADEMIC EXPERIENCE**

**Courses Taught**

Data and Decisions Analysis  
Honors Data & Decision Analysis  
ISOM 201-D Data and Decision Analysis  
ISOM 201-E Data and Decision Analysis  
ISOM 201-F Data and Decision Analysis  
ISOM 201-G Data and Decision Analysis  
ISOM 201-H Data and Decision Analysis  
ISOM 319-A Operations Management  
ISOM 319-AE Operations Management  
ISOM 319-C Operations Management  
ISOM 319-D Operations Management  
Supply Chain Management

**INTELLECTUAL CONTRIBUTIONS**

**Refereed Journal Articles**

Huang, R., Kim, S., Menezes, M. Facility Location for Large-Scale Emergencies. *To appear in Annals of Operations Research*.

Baron, O., Berman, O., Kim, S., Krass, D. (2009). Ensuring Feasibility in Location Problems with Stochastic Demands and Congestion. *IIE Transactions*, 41, 467-481.

Kim, S., Nakhai, B. (2008). The Dynamics of Quality Costs in Continuous Improvement. *International Journal of Quality and Reliability Management*, 25(8), 842-859.

Berman, O., Huang, R., Kim, S., Menezes, M. (2007). Locating Capacitated Facilities to Maximize Captured Demand. *IIE Transactions*, 39, 1015-1029.

Menezes, M., Kim, S., Huang, R. (2006). Optimal Workforce Size and Allocation for Urban Retail Chains. *European Journal of Operational Research*, 175, 1151-1163.

## **Non-Refereed Presentations or Papers**

### **International**

- Huang, R., Menezes, M., Kim, S. (2010, July). *Node Fails, Facility Fails: Facility Location Problem for Emergency Evacuation*. Presented at Association of European Operational Research Societies (EURO), Lisbon, Portugal.
- Kim, S., Baron, O., Berman, O., Krass, D. (2009, October). *Location Models for Emergency Servers with Two Demand Classes*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), San Diego, California.
- Huang, R., Kim, S., Menezes, M. (2009, June). *Return-On-Investment (ROI) Criteria for the Network Design of Retail Chains*. Presented at Candian Operational Research Society (CORS), Toronto, Canada.
- Krass, D., Baron, O., Berman, O., Kim, S. (2009, June). *The Network Design of Spatially Distributed Service Systems with Two Prioritized Call Classes*. Presented at Candian Operational Research Society (CORS), Toronto, Canada.
- Huang, R., Menezes, M., Kim, S. (2008, October). *Facility Location for Emergency Evacuation*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Washington, District of Columbia.
- Kim, S., Menezes, M., Huang, R. (2008, October). *The Impact of Cost Uncertainty on the Network Design of Supply Chains*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Washington, District of Columbia.
- Kim, S., Baron, O., Berman, O., Krass, D. (2008, October). *The Network Design of Spatially Distributed Service Systems with Two Prioritized Call Classes*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Washington, District of Columbia.
- Kim, S., Nakhai, B. (2007, November). *The Dynamics of Quality Costs in Continuous Improvement*. Presented at Decision Sciences Institute (DSI), Phoenix, Arizona.
- Kim, S., Menezes, M., Huang, R. (2007, November). *Impact of Cost Uncertainty on the Location of Facilities in a Supply Chain*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Seattle, Washington.
- Kim, S., Nakhai, B. (2007, May). *Quality Costs and Quality Level: A Dynamic Model*. Presented at Production and Operations Management Society (POMS), Dallas, Texas.
- Kim, S., Berman, O., Krass, D. (2006, November). *Service Disciplines in Location Models with Stochastic Demands and Congestion*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Pittsburgh, Pennsylvania.
- Berman, O., Krass, D., Kim, S. (2006, April). *Locating Mobile Servers for Emergency Medical Services with Two Prioritized Call Classes*. Presented at Production and Operations Management Society (POMS), Boston, Massachusetts.
- Menezes, M., Berman, O., Huang, R., Kim, S. (2004, October). *Locating Capacitated Facilities to Maximize Captured Demand*. Presented at Institute for Operations Research and the Management Sciences (INFORMS), Denver, Colorado.

## **SERVICE ACTIVITIES**

### **College/School Assignments**

#### **Assurance of Learning - Institutional Service**

- 2009: Proposing a New MBA Course - ISOM 901 Supply Chain Management; (1) Collected and reviewed relevant teaching materials, (2) Wrote up the syllabus, (3) Had meetings with the department chair.

## **Department Assignments**

### **Committee Member**

May 10, 2010 - May 12, 2010: Operations Management Instructor Search Committee; (1) Reviewed and evaluated applications, (2) Interviewed selected candidates on campus and reported final evaluations..

September 2008 - February 2009: Operations Management Tenure-Track Faculty Search Committee; (1) Reviewed and evaluated applications, (2) Interviewed candidates at the 2008 INFORMS conference in Washington D.C. and reported evaluations, (3) Interviewed selected candidates on campus and reported final evaluations..

### **Other**

September 2009 - Present: Course Coordinator of ISOM 319 Operations Management; (1) Coordinated with OM faculty to adopt a text and to share course materials, (2) Reviewed and documented the coordination results..

### **Student Placement**

June 30, 2010: Recommendations for Mr. Aaron Tong; Made call recommendations to in support of Mr. Aaron Tong..

June 16, 2010: Recommendations for Mr. Andrew Ambroise; Wrote recommendations in support of Mr. Andrew Ambroise..

March 22, 2010: Recommendations for Mr. Hee Un Park; Wrote recommendations in support of Mr. Hee Un Park..

March 10, 2010: Recommendations for Mr. Sergio-Jose Gutierrez; Wrote recommendations in support of Mr. Sergio-Jose Gutierrez..

June 2, 2009 - June 3, 2009: Recommendations for Mr. Bruno Garisto; Wrote recommendations in support of Mr. Bruno Garisto..

## **Professional Service**

### **Reviewer, Journal Article**

January 30, 2010 - March 21, 2010: European Journal of Operational Research; Reviewed a submitted manuscript and wrote a report..

## **Professional Memberships**

Institute for Operations Research and the Management Sciences. (2002 - Present).