

Ghiyoung Im
(Vita Summary)

Research

- Published 11 journal articles, including 1 in *Management Science*, 2 in *Journal of the Association for Information Systems*, and 1 in *MIS Quarterly*
- Conditional acceptance at *Information Systems Research*
- Published 1 practitioner-oriented article in *MISQ Executive*
- Best paper nomination, Tenth Americas Conference on Information Systems, 2004
- Best paper proceedings in Organizational Communication and Information Systems, Academy of Management, 2007
- Best paper proceedings in Organizational Communication and Information Systems, Academy of Management, 2007
- Readership of the article “Theoretical Foundations of Empirical Research on Interorganizational Systems”: More than 1,200 full-text downloads since the date of posting (2008-10-07). One of the ten Most Popular Papers at JAIS.
- Research interests:
 - Organizational learning and knowledge management, interorganizational systems, supply chain management, business intelligence, software project management, computer security, e-commerce

Teaching

- Taught Introduction to MIS, C++, Database, Enterprise integration systems (SAP), Network security, Project development
- Attended SAP workshops (business process integration, operations and supply chain management, business intelligence, ERPsim-certified)
- Attended Art & Craft of Discussion Leadership workshop held at HBS
- Teaching interests:
 - Computer security, Database/Business intelligence, Systems analysis and design, Programming languages, ERP and SCM, Knowledge management, and Quantitative methods

Ghiyoung Im

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1. Academic History

Education

Bachelor of Arts

Yonsei University, Seoul, Korea
Major: Economics

Master of Science

Korea Advanced Institute of Science & Technology (KAIST), Seoul, Korea
Major: Management Science

Master of Science

New York University, New York, NY
Major: Information Systems

Ph.D. in Business Administration

Georgia State University, Atlanta, Georgia, 2007
Major: Computer Information Systems

Academic Positions

2011-present Assistant Professor, Department of Computer Information Systems, University of Louisville

2006-2011 Assistant Professor, Department of Decision Sciences, Clark Atlanta University

2001-2006 Lecturer/graduate research assistant, School of Business, Georgia State University, Atlanta, Georgia

Professional Experience

Software Engineer, Verizon Communications, White Plains, NY, 2000 - 2001

- Developed a call center application using Visual C++ and MS Access, and a reporting system for multimedia call center using Java.

Software Engineer, Phaos Technology, New York, NY, 1999 - 2000

- Developed a security software library, SSLava, using Java, partly relying on Java Cryptography Extension (JCE).

Programmer (part-time), NYU Stern School of Business, 1999

- Converted the registrar and bursar systems for Y2K compliance in the environment of C, Ingres, and Unix.

Business analyst and software engineer, Hyundai Information Technology, Seoul, Korea, 1994 - 1998

- Participated in business requirements analysis and development of a RFP for the Globalstar project, a

satellite-based telecommunications system. Conducted conceptual design, prototyping, and data modeling.

- Performed analysis, design, and implementation of the software plaza support system, which manages software sales, in the platform of Visual Basic and ORACLE.
- Developed a Hyundai system development methodology through the customization of Ernst & Young's Navigator methodology. Taught it to application developers for a year.

Business Analyst, Samsung Advanced Institute of Technology, YongIn, Korea, 1991 – 1993

- Developed MIS applications in the VAX mainframe environment.
- Participated in a technology forecasting project that was focused on electronics, materials, and IT industry. A DELPHI questionnaire method was used.

2. Scholarly Activities

A. Publications

Journal Articles

1. Im, G., & Baskerville, R. 2005. A Longitudinal Study of Information System Threat Categories: The Enduring Problem of Human Error. *Database for Advances in Information Systems*, 36 (4), 68-79.
2. Kwon, O. B., Im, G., & Lee, K. C. 2007. MACE-SCM: Multi-Agent and Case-Based Reasoning Collaboration Mechanisms for Supply Chain Management under Demand and Supply Uncertainties. *Expert Systems with Applications*, 33 (3), 690-705.
3. Keil, M., Im, G., & Mähring, M. 2007. Reporting Bad News on Software Projects: The Effects of Culturally Constituted Views of Face-saving. *Information Systems Journal*, 17, 59-87.
4. Im, G. & Wang, J., 2007. A TETRAD-based Approach for Theory Development in Information Systems Research, *Communications of the Association for Information Systems*, 20, 322-345.
5. Im, G., & Rai, A. 2008. Knowledge Sharing Ambidexterity in Interorganizational Relationships. *Management Science*. 54(7), 1281–1296.
6. Park, C., Im, G., & Keil, M. 2008. Willingness to Report Bad News on Troubled Software Projects: The Impact of Time Pressure and Blame Shifting Opportunity. *Journal of the Association for Information Systems*. 9(7), 409-431.
7. Robey, D., Im, G., & Wareham, J. 2008. Theoretical Foundations of Empirical Research on Interorganizational Systems: Assessing Past Contributions and Guiding Future Directions. *Journal of the Association for Information Systems*. 9(9), 497-518.
8. Rai, A., Im, G., & Hornyak, R. 2009. How CIOs Can Align IT Capabilities for Supply Chain Relationships? *MISQ Executive*. 8(1), 9-18.
9. Kwon, O.B., Im, G., & Lee, K.C. 2011. An Agent-Based Web Service Approach for Supply Chain Collaboration. *Scientia Iranica*. 18(6), 1545–1552.
10. Rai, A., Pavlou, P., Im, G. & Du, S. 2012. Inter-firm IT Capabilities and Strategic Communications for Co-Creating Relational Value. *MIS Quarterly*. 36(1), 233-262.
11. Im, G., & Rai, A. IT-Enabled Coordination for Ambidextrous Interorganizational Relationships *Information Systems Research*. (Conditional acceptance, with Arun Rai)

Conference Proceedings

1. Im, G., & Raven, A. 2003. Fit and Social Construction in Knowledge Management Systems. *Paper presented at the 11th European Conference on Information Systems*, Napoli, Italy.
2. Kwon, O. B., Im, G., & Lee, K. C. 2004. Using Multi-agent and Case-Based Reasoning for Collaboration in a Supply Chain. *Paper presented at the Tenth Americas Conference on Information Systems*, New York.
3. Keil, M., Im, G., & Mähring, M. 2004. The Effects of Scapegoating on Willingness to Report Bad

- News on Troubled Software Projects. *Paper presented at the Tenth Americas Conference on Information Systems*, New York City. (Nominated for the best paper).
4. Kwon, O. B., Im, G., & Lee, K. C. 2005. MACE-SCM: An Effective Supply Chain Decision Making Approach based on Multi-agent and Case-based Reasoning. *Paper presented at the Hawaii International Conference on System Sciences (HICSS-38)*, Hawaii.
 5. Robey, D., Im, G., & Wareham, J. 2006. Consensus and Diversity in Information Systems Research: Theoretical Foundations of Empirical Research on Interorganizational Systems. *2006 Academy of Management*. Atlanta, Georgia. (Best paper award)
 6. Park, C., Im, G.P., & Keil, M. 2006. Overcoming the MUM Effect in IT Project Reporting: The Effect of Time pressure and Blame Shifting. *2006 Academy of Management*. Atlanta, Georgia. (Best paper award)
 7. Rai, A., Im, G., & Hornyak, R. 2007. Crossing the Chasm in Long-Term Relationships: From Price-Only to Value Co-Creation. *pre-ICIS 2007 SIM Academic Workshop*. Montreal, Canada.
 8. Im, G. 2008. The Effects of Fit and Social Construction on Individual Performance, *The Korea Society of Management Information Systems*, Seoul, Korea.
 9. Im, G., & Straub, D. 2008. Building Strong Cumulative Tradition in IS: A Methodology for Utilizing External Validity for Theoretical Generalization, *2008 Academy of Management*. Anaheim, California.
 10. Im, G., Rai, A., & Lambert, L.S. 2009. An Effect of the Fit between Motivation and Knowledge Sharing Ambidexterity in Interfirm Partnering. *2009 Academy of Management*. Chicago, Illinois.
 11. Park, E., Im, G., & Storey, V. 2012. Consumer Discontinuance of Information Technology: An Emotion Process Perspective. *International Conference on Information Systems*, Orlando.

Presentations

1. Exploratory and Exploitative Knowledge Sharing in Long-term Interorganizational Relationships, *2005 Knowledge Management Doctoral Consortium*, hosted by the Monieson Centre at Queen's University, Kingston, Ontario, Oct. 30 - Nov. 1, 2005.
2. Crossing the Chasm in Long-Term Relationships: From Price-Only to Value Co-Creation, *Presented to senior executives at UPS Supply Chain Solutions*. Atlanta, Georgia, Sep. 20, 2006. (with Arun Rai & Rob Hornyak).

Papers under Review

1. The Effects of Cognitive and Social Factors on System Usage and Performance Outcome. *Information & Management*. (Solo)
2. Supply Chain IT Capabilities and Relational Value in the Logistics Industry. *Sloan Management Review*. (with Arun Rai, Paul Pavlou, and Steve Du)
3. An Effect of the Fit between Motivation and Knowledge Sharing Ambidexterity in Interfirm Partnering. (close to submission to) *Organization Science*. (with Arun Rai and Lisa Schurer Lambert)
4. Knowledge Accumulation in IS Research: An Empirical Generalization Perspective. (close to submission to) *MIS Quarterly*. (with Detmar Straub)

Current Research Projects

1. Emotional and Social Contagion of Information Systems Discontinuance. *Status*: manuscript development. (with Eunice Park, Veda C. Storey, and Richard Baskerville)
2. Contractual and Procedural Coordination Mechanisms to Overcome Opportunism in Buyer-Supplier Relationships. *Status*: theory development.
3. The Influence of Social Networks on Software Project Reporting
4. An Effective Supply Chain Decision Making Approach based on Multi-agent and Case-based Reasoning. *Status*: manuscript to be submitted. (with Kwon, O.B. and Lee, K.C.)
5. IT-enabled Interplay between Exploration and Exploitation. *Status*: theory development.

B. Grants Received

1. Dissertation grant, Office of the Vice President for Research, GSU, Spring 2005.
2. Travel grant, Center for Teaching and Excellence in Learning, CAU, Summer 2008.
3. Travel grant, Center for Teaching and Excellence in Learning, CAU, Summer 2009.

C. Recognitions and Outstanding Achievements

1. Best paper nomination, Tenth Americas Conference on Information Systems, New York City. 2004.
2. Best paper proceedings in Organizational Communication and Information Systems, Academy of Management, 2007.
3. Best paper proceedings in Organizational Communication and Information Systems, Academy of Management, 2007.

3. Instructional Activities

Courses Taught

Undergraduate Courses at University of Louisville

CIS 420 CIS Development Project
CIS 480 Introduction to Network Security
CIS 483 Introduction to Database Security (Spring 2012)

Graduate Courses at Clark Atlanta University

CSB 5510 Introduction to information systems (4.39, on average, out of 5.0 scale)
CSB 6519 Database (4.55 on average)

Undergraduate Courses at Clark Atlanta University

CBUS 260 Management information systems (4.31 on average)
CBUS 317 Enterprise Integration Systems (4.41 on average)
CBUS 470 Database (4.69 on average)

Undergraduate Courses at Georgia State University

CIS 2010 Introduction to management information systems
CIS 3260 Introduction to programming in C/C++

Certificates

- Competent Communicator (CC) at Toastmasters International
- ERPsim at HEC-Montreal

4. On-campus Service Activities

Department of Computer Information Systems, Georgia State University

- Member, student fee review board, 2001-2002

School of Business, Clark Atlanta University

- Organizer, forum entitled "Globalization: An Introduction to Issues," March, 2007
- Member, college website renovation, 2008-2009
- Member, curriculum committee, 2008-2011
- Chair, resources and technology committee, 2008-2011
- Member, instructional technology and alternative delivery, 2010-2011

5. Professional Service

Ad hoc Reviewer for

- *MIS Quarterly*
- *Information Systems Research*
- *Journal of Management Information Systems*
- *Journal of Strategic Information Systems*
- *European Journal of Information Systems*
- *Journal of AIS*
- *Communications of AIS*
- *Information Systems Journal*