

Youngjin Yoo, Ph.D.

Associate Professor of Management Information Systems
Fox School of Business and Management
Temple University
Philadelphia, PA 19122
Phone: 215-204-3058
Fax: 215-204-3101

Home: 856-751-8178
Fax: 856-751-8213
Mobile: 440-552-4711
e-mail: youngjin.yoo@temple.edu
<http://yoo.temple.edu>

Professional Experience

Primary Appointment

- July, 2006 - Present Associate Professor (with tenure) and Irwin L. Gross Research Fellow, The Fox School, Temple University.
- 1997 - 2006. The Weatherhead School of Management, Case Western Reserve University.
- May, 2006. Tenured.
- 2003 - 2006. Associate Professor, Lewis-Progressive Chair of Management
- 1997 - 2003. Assistant Professor
- 1996 - 1997. Full-time lecturer, R. H. Smith School of Business, The University of Maryland.

Visiting Positions

- April, 2006. Visiting Professor, Tokyo University of Science (3 weeks).
- June, 2005. Visiting Scholar, City University of Hong Kong, China (4 weeks).
- July, 2004. Visiting Scholar, City University of Hong Kong, China (4 weeks).
- 2003 - 2004. Research Associate, Glenn Research Center at Lewis Field, National Aeronautics and Space Administration (one year).
- May 2001. Summer Research Fellow, Glenn Research Center at Lewis Field, National Aeronautics and Space Administration (4 weeks).

Professional Appointments and Service

Journal Editorial Positions

- *Journal of Strategic Information Systems*, Senior Editor, 2006 – present.
- *Information Systems Research*, Associate Editor, 2005 – present.
- *Information and Organization*, Editorial Board Member, 2006 – present.
- *Organization Science*, Editorial Board Member, 2005 – present.

- *Journal of AIS*, Editorial Board Member, 2003 – present.
- *Information Systems Research*, Associate Editor, Special Issue on The Interplay between Digital and Social Network, 2006.
- *Information and Organization*, Co-Guest Editor, A special issue on Ubiquitous Computing Environments: Learning from First Wave Social of Organizational Impacts, January 2004.
- *Information Systems and E-Business Management*, Co-Guest Editor, A special issue on Designing and Implementing Effectively High Impact Ubiquitous Computing Environments, January 2004
- *MIS Quarterly*, Associate Editor, Special Issue on Knowledge Management, 2003.
- *Communications of the ACM*, Co-Guest Editor, Special Issue on Ubiquitous Computing, December 2002.

Conference and Workshop Organizations

- Organizer and host, Research Workshop on Digital Transformation of Urban Environments, The Fox School, Temple University, May 2007.
- Program Co-chair, LA Moible Roundtable, May, 2007.
- Program Chair, International Conference on Mobile Business, Copenhagen, Denmark, May 2006.
- Program Co-chair: IFIP 8.2 Working Conference, 2005.
- Program Committee, Austin Mobile Roundtable, 2004.
- Program Committee, HCI/MIS 2004 Pre- ICIS workshop, 2004.
- Program Committee, ICIS 2003, 2004, 2007, 2008.
- Co-Organizer, Workshop on Ubiquitous Computing Environment: The Design, Implementation and Challenge of Ubiquitous Computing, October 24-26, 2003.
- Program Mini-track Chair, Americas Conference on Information Systems, Technology Supported Learning Mini-track, 1997.

Other Professional Activities

- Camp Counselor, MIS Camp at AMCIS, August, 2007.
- Faculty Mentor, Junior Faculty Consortium, OCIS Division, Academy of Management, August, 2007.
- Faculty Mentor, ICIS Doctoral Consortium, Decemer, 2005.

Education

- 1997. PhD in Management, R. H. Smith School of Business, The University of Maryland, College Park, Maryland.
- 1991. M.S. in Business Administration (with concentration in Information Systems), Seoul National University, Seoul, Korea.
- 1988. B.S. in Business Administration, Seoul National University, Seoul, Korea.

Research

Research Interests

Design and innovation, Information infrastructure for collaborative work, ubiquitous information environments

Refereed Journal Papers

1. Carlo, J. L. & **Yoo, Y.** Forthcoming. "How may I help you?" Politeness in computer-mediated and face-to-face library reference transactions. *Information & Organization*.
2. **Yoo, Y.**, Lyytinen, K. & Heo, D. Forthcoming. Closing the gap: Toward a Process Model of Post-Merger Knowledge Sharing, *Information Systems Journal*.
3. Boland, R. J., Jr., Collopy, F., Lyytinen, and **Yoo, Y.** Forthcoming. Managing as designing: Lessons for organization leaders From the design practice of Frank O. Gehry, *Design Issues*.
4. Kanawattanachai, P., & **Yoo, Y.** (2007). The impact of knowledge coordination on virtual team performance over time. *MIS Quarterly*.
5. Boland, R. J., Jr., Lyytinen, K. & **Yoo, Y.** (2007). Wakes of Innovation in Project Network: The case of digital 3-D representations in architecture, engineering, and construction, *Organization Science*, 18:4.
6. **Yoo, Y.**, Boland, R. K., Jr., and Lyytinen, K. (2006). From organization design to organization designing, *Organization Science*, 17:2, 215-229.
7. Lyytinen, K. & **Yoo, Y.** (2006). Designing and implementing effectively high impact ubiquitous computing environments. *Information Systems and E-Business Management*, 4:4, 395-397
8. **Yoo, Y.**, Lyytinen, K. & Yang, H. (2005). The role of standards in innovation and diffusion of broadband mobile services: The case of South Korea, *Journal of Strategic Information Systems*, 14:3, 323-353.
9. **Yoo, Y.** & Lyytinen, K. (2005). Social impacts of ubiquitous computing: Exploring critical interactions between mobility, context and technology. *Information & Organization*, 15:2, 91-94.
10. Yang, H., & **Yoo, Y.** (2004). It's all about attitude: Revisiting the technology acceptance model. *Decision Support Systems*, 38:1, 19-31.
11. **Yoo, Y.**, & Alavi, M. (2004) Emergent leadership in virtual teams: What do emergent leaders do? *Information and Organization*, 14:1, 27-58.
12. Lyytinen, K., **Yoo, Y.**, Varshney, U., Ackerman, M, Davis, G., Avital, M., Robey, D., Sawyer, S., & Sorensen, C. (2004). Surfing the next wave: Design and implementation challenges of ubiquitous computing, *Communications of the AIS*, 13:40.
13. Kanawattanachai, P., & **Yoo, Y.** (2002) The dynamic nature of trust in virtual teams. *Journal of Strategic Information Systems*, 11:3-4, 187-213.
14. Lyytinen, K., & **Yoo, Y.** (2002). Ubiquitous computing in the next wave: Issues and challenges. *Communications of the ACM*, 45:12, 63-65.
15. Alavi, M., Marakas, G., & **Yoo, Y.** (2002). A comparative study of technologies for distance learning. *Information Systems Research*, 13:4, 404-415.
16. Lyytinen, K., & **Yoo, Y.** (2002). The next wave of *nomadic* computing. *Information Systems Research*, 13:4, 377-388.
17. **Yoo, Y.**, & Kanawattanachai, P. (2002). Developments of transactive memory and collective mind in virtual teams. *International Journal of Organizational Analysis*, 9:2, 187-208.

18. **Yoo, Y.**, Kanawattanachai, P., & Citurs, A. (2002). Forging into the wired wilderness: A case study of technology-mediated distributed discussion-based class. *Journal of Management Education* 26:2, 121-138.
19. **Yoo, Y.**, & Alavi, M. (2001). Media and group cohesion: Relative influences on social presence, task participation and group consensus. *MIS Quarterly*, 25:3, 371-390.
20. Alavi, M., **Yoo, Y.**, & Vogel, D. (1997). Using information technology to add value to management education. *Academy of Management Journal*, 40:6, 1310-1333.
21. Alavi, M., & **Yoo, Y.** (1995). IT, BPR, and productivity gains. *Information Systems Management*. 12:4, 43-47.
22. **Yoo, Y.**, & Ahn, J. (1991). Optimality and fairness in chargeback systems—Two rabbits to chase? *Journal of MIS Research* (in Korean), 1:1, 117-146.

Refereed Book Chapters

22. **Yoo, Y.** (2006), Mobilizing knowledge in a Yu-Gi-Oh! World, in Becerra-Fernandez, I. & Leidner, D. (Ed.) *Knowledge Management: An Evolutionary View of the Field*, New York: M.E. Sharpe.
23. Sorensen, C. & **Yoo, Y.**, (2005), Socio-technical Studies of Mobility and Ubiquity, In Sorensen, C., **Yoo, Y.**, Lyytinen, & DeGross, J. I. (Ed.). *Designing Ubiquitous Information Environments: Socio-technical Issues and Challenges: The Proceedings of IFIP TC 8 WG 8.2 International Working Conference in 2005*, England: Springer-Verlag, 1-14.
24. **Yoo, Y.** & Lyytinen, K. (2005), Measuring the consequences of ubiquitous computing in network organizations, In K. C. Desouza (Ed.), *New Frontiers in Knowledge Management*, New York: Palgrave Mcmillian, 147-162.
25. **Yoo, Y.** (2005). On artifact as default. In F. Collopy and J. Faust (Ed.), *Dialogue in the realm of Managing as Designing*, Cleveland, OH: Cleveland Institute of Art, 138-149.
26. **Yoo, Y.** (2004). The less, the better, perhaps: Learning from music language. In R. J. Boland, Jr., and F. Collopy (Ed.), *Managing as Designing*, Palo Alto, CA: Stanford University Press, 229-232.
27. Pearce, C., **Yoo, Y.**, & Alavi, M. (2003) Leadership in virtual teams: The relative influence of vertical vs. shared leadership in virtual teams. In R. Riggion and S. S. Orr (Ed.), *Improving Leadership in Nonprofit Organizations*, San Francisco, CA: Jossey-Bass, 180-204.
28. **Yoo, Y.**, Emerging information technology and digital strategy in knowledge-based economy (in Japanese), In Faculty of Osaka City University (Ed.), *Management Information Systems*, Osaka: Yuhikaki, 2003, 175-193.
29. Boland, R. J., Jr., & **Yoo, Y.** (2002). Sense-making and knowledge management. In C. Holsapple (Ed.), *Handbook on Knowledge Management*, England: Springer-Verlag, 381-392.
30. **Yoo, Y.**, & Torrey, R. (2002). National cultures and knowledge management in a global learning organization: A case study. In N. Bontis and C.W. Choo (Eds.), *Strategic Management of Intellectual Capital and Organizational Knowledge: A Collection of Readings*, New York: Oxford University Press, 421-434.
31. **Yoo, Y.**, & Ifvarsson, C. (2001). Knowledge dynamics in organisations. In E. Coaks, D. Willis, and S. Clarke (Eds.), *Knowledge Management in the Socio Technical World: The*

Refereed Conference Papers

32. Berente, N., Srinivasan, N., Yoo, Y., Boland, R.J., and Lyytinen, K. (2007). Binate Diversity and the Rolling Edge of Design Networks. Paper presented at the International Conference on Information Systems, Montreal, Quebec, Canada.
33. Berente, N., Lyytinen, K. and Yoo, Y. (2007). An Institutional Analysis of Pluralistic Responses to Enterprise System Implementations. Paper presented at the International Conference on Information Systems, Montreal, Quebec, Canada.
34. Brente, N. and Yoo, Y. (2007). Reconciliation Mechanisms and the Façade of Alignment with Enterprise Systems: The Case of NASA. Paper presented at the Academy of Management Annual Meeting, Philadelphia, PA.
35. Racheria, P., Mandviwalla, M., Yoo, Y. and Jain, A. (2007). Deconstructing "Universal Access" to Digital Information Infrastructure: The Case of Philadelphia Wireless Initiative. Paper presented at the LA Global Mobility Roundtable, Los Angeles, CA.
36. Jung, Y. and **Yoo, Y.** (2006). What goes around, comes around: An open source community model of knowledge circulation. Paper presented at the Academy of Management Annual Meeting, Atlanta, GA.
37. Hansen, S. and **Yoo, Y.** (2006). Technology adoption in distributed cognitive environments. Paper presented at the Academy of Management Annual Meeting, Atlanta, GA.
38. Berente, N., Gal, U., and **Yoo, Y.** (2006). Dressage and the illusion of enterprise control. Proceedings of European Conference on Information Systems.
39. Cai, Q., Liberatore, V. , Cavusoglu, M. C. and **Yoo, Y.** (2006). Evaluation Methods of a Middleware for Networked Surgical Simulations. Proceedings of Medicine Meets Virtual Reality XIV (MMVR'06), Long Beach, CA, January 24 – 27, 2006.
40. Shen, Z., **Yoo, Y.**, and Lyytinen, K. (2006). Temporal Implications of Information Technology for Work Practices: Organizing in and for Time in an Emergency Department, Proceedings of 2006 Hawaii International Conference of Systems Science.
41. **Yoo, Y.** (2005). (How) Can we have Korean perspectives in the Global Market of IS Research?, Proceedings of 2005 International Conference by the Korea Society of Management Information, Seoul, Korea.
42. Gal, U., **Yoo, Y.**, & Boland, Jr. R. J. (2005). The dynamics of boundary objects, social infrastructures and social identities, Proceedings of 2005 European Conference of Information Systems.
43. **Yoo, Y.**, Jiang, Y., & Shen, Z. (2004). Where is the Asian voice in IS research? An examination of Asian authors' influence on IS literature, Proceedings of the Eighth Pacific-Asia Conference on Information Systems, China, 1967-1974.
44. **Yoo, Y.**, Lyytinen, K., & Yang, H. (2004). The role of standards and its impact on the diffusion of broadband mobile services: A Korean Case, A paper presented at the Austin Global Mobility Roundtable, Austin, TX.
45. Boland, R., Lyytinen, K. & **Yoo, Y.** (2003). Path creation with digital 3D representations: Networks of innovation in architectural design and construction. Presented at DIGIT, Seattle,

WA.

46. Yang, H., **Yoo, Y.**, Lyytinen, K., & Ahn, J. (2003). Diffusion of broadband mobile services in Korea: The role of standards and its impact on diffusion of complex technology system. Paper presented at OASIS, Seattle, WA.
47. Luo, Y. & **Yoo, Y.** (2003). Language and Media: A pragmatic examination of computer-mediated communication. Paper presented at ASAC.
48. Heo, D., & **Yoo, Y.** (2003). Knowledge Sharing in Post Merger Integration, Paper presented at Minnesota Knowledge Management Symposium.
49. **Yoo, Y.**, Berstein, A, Fano, A., Kim, J., & Valacich, J. S. (2002). Ubiquitous Computing: “New” and “Old” Research Opportunities and Challenges. A panel presented at the International Conference on Information Systems, Barcelona, Spain.
50. **Yoo, Y.**, & Lyytinen, K. (2002). Ubiquitous computing in organizations: A field study on productivity potential and transforming capability. Paper presented at the Tokyo Mobile Roundtable, Tokyo, Japan.
51. **Yoo, Y.**, & Kanawattanachai, P. (2001). Developments of transactive memory and collective mind in virtual teams. Paper presented at the Academy of Management Annual Meeting, Washington, D.C.
52. **Yoo, Y.** (2001). Re-creation of distributed knowledge as a mode of inter-team knowledge transfer. Paper presented at the Academy of Management Annual Meeting, Washington, D.C.
53. **Yoo, Y.**, Kwon, D., & Ahn, J. (2000). Knowledge management in a global consulting company: A profile of high-performers. Proceedings of the 2000 Joint International Conference by the Korea Society of Management Information Systems and the Japan Society of Office Automation, Seoul, Korea,
54. Yang, H., **Yoo, Y.**, & Liu, R. (2000). It’s about attitude: Revising the Technology Acceptance Model. Proceedings of 2000 Joint International Conference by the Korea Society of Management Information Systems and the Japan Society of Office Automation, Seoul, Korea.
55. **Yoo, Y.**, & Essex, E. (2000). Group history, group process, and media perceptions: A micro-process analysis. Paper presented at the Academy of Management Annual Meeting, Toronto, Canada.
56. Citurs, A., & **Yoo, Y.** (1999). Development of expertise coordination patterns in electronic teams. Paper presented at the Academy of Management Annual Meeting, Chicago, Illinois.
57. **Yoo, Y.**, Ginzberg, M. J., & Ahn, J. (1999). A cross-cultural investigation of the use of knowledge management systems. Proceedings of Twentieth Annual International Conference on Information Systems, 501-505.
58. **Yoo, Y.** (1998). Predicting groupware acceptance. Proceedings of the 31st Hawaii International Conference on Systems Sciences.
59. **Yoo, Y.** (1997). Effects of electronic communication technology on top management teams’ structures and decision-making process and outcomes. Proceedings of Eighteenth Annual International Conference on Information Systems. 235-248.
60. **Yoo, Y.**, & Alavi, M. (1996). Emergence of leadership and its impact on group performance in virtual team environments: A longitudinal field study. Proceedings of Seventeenth Annual

International Conference on Information Systems, 444-445.

61. **Yoo, Y.** (1996). The effects of group development on the utilization of video channel and decision quality of distributed decision-making groups. Proceedings of 2nd Americas Conference of Association for Information Systems, 992-994.
62. **Yoo, Y.**, & Alavi, M. (1996). Electronic mail as a rich medium and desktop videoconferencing as a lean medium: A theoretical explanation on paradoxical results. Proceedings of 2nd Americas Conference of Association for Information Systems, 479-481.
63. **Yoo, Y.** (1995). An investigation of group development process in "virtual" project team environments. Proceedings of Sixteenth Annual International Conference on Information Systems, 346.
64. **Yoo, Y.** (1995). An empirical investigation of the effects of group standing on the appropriation of video channel in a distributed decision-making environment. Proceedings of ICIS 1995 Ernst & Young Foundation Doctoral Consortium.
65. **Yoo, Y.**, & Wheeler, B. (1995). The impact of group support systems on leadership behavior. Proceedings of Inaugural Conference of Association for Information Systems, 264-266.
66. **Yoo, Y.** (1994). Economic impact of networked organizations: Motivation and performance. Proceedings of IFIP 8.2 '94 OASIS, 50 - 51.
67. Ahn, J., Park, C., & **Yoo, Y.** (1994). Impact of information technology on firm performance in a rapidly developing country. Proceedings of IFIP 8.2 '94 OASIS, 33-36.

Other Papers

64. **Yoo, Y.** (2004). The Implementation and the Consequences of Integrated Financial Management Program at NASA: A Socio-technical Analysis, Final Report to NASA Glenn Research Center.
65. **Yoo, Y.** (2001). Creation and sharing of distributed knowledge. Collaborative Aerospace Research and Fellowship Program at NASA Glenn Research Center, Final Report, 39-41.
66. Alavi, M., & **Yoo, Y.** (1997). A social influence model of groupware acceptance in distributed teams. Harvard Business School Working Paper, 97-053.
67. **Yoo, Y.**, & Alavi, M. (1997). Leadership emergence in virtual team environments. Harvard Business School Working Paper, 97-097.
68. Alavi, M., & **Yoo, Y.** (1997). Is learning in virtual teams real? Harvard Business School Working Paper, 97-095.
69. Alavi, M., **Yoo, Y.**, & Vogel, D. (1997). Using information technology to add value to management education: A case study. Harvard Business School Working Paper, 97-034.
70. Alavi, M., & **Yoo, Y.** (1995). Education in the information age: The case of an electronic classroom. Supplementary Proceedings, HICSS 1995 Advanced Tutorial on Electronic Support for Learning, January.
71. **Yoo, Y.** (1989). A study on successful implementation of information technology in business organizations. Research Report (in Korean), 311 - 350, Institute of Social Science, Seoul National University Press.

Books

Yoo, Y., Lee, J-N., and Rowley, C. (2007). *Trends in Mobile Technology and Business in the Asia-Pacific Region*. Oxford: Chandos Publishing.

Sorensen, C., **Yoo, Y.**, Lyytinen, K. & DeGross, J. I. (2005). *Designing Ubiquitous Information Environments: Socio-technical Issues and Challenges: The Proceedings of IFIP TC 8 WG 8.2 International Working Conference in 2005*, England: Springer-Verlag.

Park, C., Chang, J., & **Yoo, Y.** (1991). *Exercises in business data processing (in Korean)*, Seoul, Korea: Bub-Moon Publishing.

Refereed Journal Submissions

Gal, U., **Yoo, Y.** & Lyytinen, K. The dynamics of boundary objects, social infrastructures and social identities. Invited to revise and resubmit to *European Journal of Information Systems*.

Shen, Z., Lyytinen, K. and **Yoo, Y.** Doing Time in Groups: A Review of Temporal Research into Groups Mediated by Information and Communication Technologies. Submitted to *MIS Quarterly*.

Jung, Y. and **Yoo, Y.** An Open Source Community Model of Knowledge Circulation in a Joint Problem Space. Submitted to *JAIS*.

Lyytinen, K., Rose, G., & **Yoo, Y.** Exploring and exploiting in high gear: Hyper-learning in seven software firms. Submitted to *Information Systems Research*.

Yoo, Y., Computing in Everyday Life: A call for research on experiential computing. Submitted to *Information Systems Research*.

Working Papers

Yoo, Y., It is not rocket science, but pretty close to it -- The implementation of ERP at NASA.

Yoo, Y. How do media expand?

Yoo, Y., & Ginzberg, M. J. One size doesn't fit all: Knowledge management in global learning organizations.

Yoo, Y. The impact of mobility on coordination: A review and conceptual framework.

Panels Organized and Chaired

"Has IS missed the network revolution? Future Directions and Potential Risks of Network Perspectives on IS Research," A panel at International Conference on Information Systems in Milwaukee, WI, 2006.

"IT-enabled IT-enabled collaboration in Architecture, Engineering and Construction: Evidence from the Field," A panel at ACADIA 2005.

"Community-based wireless networks," A panel at Austin Mobility Roundtable 2004.

"Ubiquitous computing: Next Wave or next hype?" A panel at the International Conference on Information Systems, 2002.

“Knowledge sharing in teams: Insights from the field,” A symposium jointly sponsored by OCIS and OMT division at the Academy of Management Annual Meeting, 2001.

Invited Presentations

1. “Distributed Innovations in Architecture, Engineering and Construction” A presentation at OPND meeting, Viktoria Institute, Sweden, September 2007.
2. “Designing innovations in an iPod world: What can we learn from Frank O. Gehry?” A plenary presentation at the Annual Center for Knowledge and Innovation Research, Helsinki School of Economics, August 2007.
3. “Computing in everyday life: a call for research on *experiential computing*,” A research presentation at Washington State University, April 2007.
4. “Computing in everyday life: a call for research on *experiential computing*,” A research presentation at Michigan State University, November 2006.
5. “Computing in everyday life: a call for research on *experiential computing*,” A research presentation at Georgia State University, October 2006.
6. “Breaking away from the tyranny of flat screens: a call for research on *experiential computing*,” A research presentation at Seoul National University, Korea, March 2006.
7. “Breaking away from the tyranny of flat screens: a call for research on *experiential computing*,” A research presentation at Korea University, Korea, March 2006.
8. “Breaking away from the tyranny of flat screens: a call for research on *experiential computing*,” A research presentation at Viktoria Institute, Sweden, March 2006.
9. “Managing as designing: Lessons learned from Frank O. Gehry,” A presentation at Zollverein School of Management and Design, Germany, March 2006.
10. “From organization design to organization design-ing,” A presentation at Managing As Designing Workshop: A Global Perspective, Seoul National University, Korea, June 2005.
11. “From organization design to organization design-ing,” A presentation at Batten Institute, the University of Virginia, May 2005.
12. “Post-merger knowledge management” A presentation at Indiana University, April 2005
13. “Mobilization of Knowledge in Doubly Distributed Systems,” A research presentation at Transforming Architecture, Engineering and Construction: The Digital Challenge, Case Western Reserve University, October 2004.
14. “It’s not a rocket science, but it’s pretty close to it: Implementation of integrated financial management systems at NASA,” A presentation at the E-business Advisory meeting, Weatherhead School of Management, September 2004.
15. “Using business game as a platform for virtual team student project,” A panel presentation at Professional Development Workshop at the Academy of Management, August 2004.
16. “Connecting the dots: An emerging perspective on knowledge management research” A presentation at City University of Hong Kong, August 2004.
17. “Knowledge management: What’s the problem?” A presentation at E&Y annual retreat of network coordinators of the Center for Business Knowledge, June 2004.

18. "IT-enabled organizational transformation: Challenges of doubly distributed forms" A research presentation at Monthly Policy Meeting of Korea Institute for Electronic Commerce, July 2004.
19. "Creating and sharing distributed knowledge" A presentation at NASA Research & Technology Directorate Monthly Meeting, June 2004.
20. "It is not a rocket science, but pretty close to it" A presentation at NASA Glenn Research Center, June 23, 2004.
21. "Designing knowledge-based organizations," A Glennan Fellowship presentation at UCITE, May 2004.
22. "The development and performance of virtual teams: A social cognition perspective," A research seminar presentation at American University, April 2004.
23. "Research on ubiquitous computing in organizations: Socio-technical research agenda," A research seminar presentation at Intel Research, January 2004.
24. "Research on ubiquitous computing in organizations: Socio-technical research agenda," A research seminar presentation at the Office of CIO and the Department of Computer Science, Seoul National University, January 2004.
25. "Research on ubiquitous computing in organizations: Socio-technical research agenda," A research seminar presentation at Ewha Woman's University, January 2004.
26. "One size doesn't fit all: Knowledge management systems and knowledge sharing practices in global learning organizations" A research seminar presentation at the Office of CIO and the Department of Computer Science, Seoul National University, January 2004.
27. "Connecting the dots: Videoconferencing, virtual teams, Lotus Notes, Frank Gehry, HUD, the emergency room, the Swedish Police and NASA" A research seminar presentation at Information Systems Department, Weatherhead School of Management, December 2003
28. "Diffusion of Broadband Mobile Services in Korea: The Role of Standards and Its Impact on Diffusion of Complex Technology System", A paper presented at Ubiquitous Computing Workshop, Case Western Reserve University, October 2003.
29. "Measuring the consequences of ubiquitous computing in networked organizations," A paper presented at Ubiquitous Computing Workshop, Case Western Reserve University, October 2003.
30. "Surfing the next wave of any time, any place computing," An invited presentation at Bold Idea Leadership Workshop, Weatherhead Executive Education, September, 2003.
31. "Research on ubiquitous computing," An invited research presentation at INFWEST.IT, Pori, Finland, August 2003.
32. "Mobility of interactions in socio-technical systems," An invited presentation at a panel at IRIS, Haikko, Finland, August 2003.
33. "The use of PLS in IS research" An invited research presentation at Yonsei University, Seoul, Korea, May 2003.
34. "Path creation with digital 3D representations: Networks of innovation in architectural design and construction," An invited presentation at a Research Seminar at University of Maryland, April 2003
35. "Exploring wireless wilderness," An invited presentation at No Strings Attached Conference

at Case Western Reserve University, April 2003

36. "Next Wave of Ubiquitous Computing in Knowledge Economy: Opportunities and Challenges," An invited presentation at A Conference on Emerging and Future Computing Paradigm and their Impact on the Research, Training, and Design Environments of the Aerospace Workforce at NASA Langley Research Center, March 2003.
37. "The use of PLS in IS research" An invited research presentation at Ewha Women's University, Seoul, Korea, May 2002.
38. "Nomadic Computing: A Research Agenda for Information Systems Research" An invited research presentation at Yonsei University, Seoul, Korea, May 2002.
39. "Dynamics of socially-shared cognition," An invited presentation at Goizueta Business School, Emory University, April 2002.
40. "Why the Internet has not changed the higher education, yet?" An invited presentation at World Knowledge Forum, 2001, Seoul, Korea, October 2001.
41. "Why the Internet has not changed the higher education, yet?" An invited presentation at Ewha Women's University, 2001, Seoul, Korea, October 2001.
42. "Nomadic Computing: A Research Agenda for Information Systems Research" An invited research presentation at Seoul National University, October 2001.
43. "Network technology and new organizations" An invited presentation at E-Commerce Executive Education Program, Seoul National University, October 2001.
44. "Designing Knowledge Environments for Virtual Organizations" An invited presentation at the Annual IBM Global Service Academic Conference, August 2001.
45. "Creation and Sharing of Distributed Knowledge," Research and Technology Forum, Glenn Research Center, NASA, Cleveland, OH, August 2001.
46. "Knowledge in Organizations," Executive Doctoral Program at the Weatherhead School of Management, August 2001.
47. "National Culture and Knowledge Management," Andersen Consulting, November 2000.
48. "IT Infrastructure: The New High for E-Opportunity," Commentator at NorTech Summit Meeting, Cleveland, OH, October 2000.
49. "Knowledge Dynamics in Organizations," Department Research Seminar, Information Systems Department, Brunel University, UK, August 2000.
50. "Knowledge in Organizations," Executive Doctoral Program at the Weatherhead School of Management, May 2000.
51. "IS Research on Virtual Teams," IS Research Seminar at Seoul National University, May 1999.
52. "Creating Networked Organization," Special Topics in Management, Seoul National University, May 1999.
53. "Structuration Theory and IS Research," Doctoral IS Research Seminar at Seoul National University, May 1999.
54. "Social Construction of Users' Beliefs of Groupware," IS Research Seminar at Korean Advanced Institute of Technology, May 1999.

55. "Individuals and organizations in knowledge-based society," Handong University, Korea, May 1999.
56. "Forging into a wired wilderness," University Center for Innovations in Teaching and Education, Spring 1999.
57. "Virtual teams," Joint Doctoral Research Seminar at Harvard Business School and Robert H. Smith School of Business, University of Maryland, Spring 1997.
58. "IS and Career Path," '96 Open House of *Information Systems Society* at University of Maryland at College Park, Spring 1996.
59. "New Trends in IS research in U.S.," IS Research Seminar at the Graduate Business School, Seoul National University, Korea, Summer 1995
60. "IS and Career Path," '95 Open House of *Information Systems Society* at University of Maryland at College Park, Spring 1995.

Research Grants

March 2007, PI for "Mobile computing and user-activated narrative networks in tourism" -- funded by Samsung Electronics, \$55,000.

September 2006, PI for "Distributed Innovation in Doubly Distributed Socio-Technical Systems: The Role of Digital Information Infrastructure in Architecture, Engineering and Construction Industries" – funded by National Science Foundation, \$686,366 (with R. Boland and K. Lyytinen).

May 2005, PI for "Designing for innovations in ubiquitous computing products and services" – funded by Summer Research Grant, Weatherhead School of Management, \$4,995.

October 2003, PI for "Implementation of full cost management and enterprise resource planning systems and its consequences on collaborative knowledge work at NASA" – funded by NASA Glenn Research Center, Cleveland, OH, \$46,127.

May 2003, Glennan Fellowship for "Designing Knowledge Environments and Products: A New Approach to Management Education"—funded by the University Center for Innovations in Teaching and Education, Case Western Reserve University, \$6,500.

December 2002, Co-PI for "A Comparative Study of Diffusion of Mobile Computing in Korea, the US, and Finland"—funded by the Korean Research Foundation, \$150,000 for three years (with H-D. Yang and J. Ahn).

May 2002, PI for "Exploring *wireless* wilderness: An Explorative Study of the Feasibility and Impacts of Remote and Local Mobility Support in Learning and Student Support at the Weatherhead School of Management" – funded by the Dorney Grant, Weatherhead School of Management, \$33,000.

May 2002, Co-PI for "Path Creation with Digital Technologies: Networks of Innovation in Architectural Design and Construction"—funded by National Science Foundation, \$450,000 (with R. Boland and K. Lyytinen).

May 2001, Summer Research Fellowship to study "Creation and transfer of distributed knowledge" – funded by NASA Glenn Center, \$10,000

May 2000, PI for "Inter-unit transfer of distributed knowledge" – funded by the Summer

Research Grant, Weatherhead School of Management, \$6,000

April 2000. PI for “Effective knowledge sharing” – funded by the Center for Regional Economic Issues, \$4,000

May 1999. PI for “A cross cultural study on the use of knowledge management system at a global consulting firm” – funded by the Summer Research Grant, Weatherhead School of Management, \$6,000

August 1998. PI for “Managing Electronic Teams in Global Economy.” – funded by the Nord Grant, University Center for Innovations in Teaching and Education, Case Western Reserve University, \$10,000

May 1998. PI for "Communication process, media appropriation, and team performance: A micro-process analysis" – funded by the Summer Research Grant Weatherhead School of Management, \$5,000

July 1997. Received software grant to conduct a study of “Computer-mediated Collaborative Distributed Learning Environments” – funded by Lotus Corp., \$32,000

August 1996. Received grant to present “The Effects of Group Development on the Utilization of Video Channel and Decision Quality of Distributed Decision-Making Groups” at the 2nd Americas Conference for Information Systems – funded by the College of Business and Management, University of Maryland

July 1996. Received research grant to conduct a study of “An Investigation of Virtual Teams for Learning and Problem Solving.” – funded by Lotus Institute, \$4,000

December 1995. Received grant to present “An Empirical Investigation of The Effects of Group Standing on the Appropriation of Video Channel in a Distributed Decision-Making Environment” at 1996 Ernst & Young/ICIS Doctoral Consortium – funded by Graduate School, University of Maryland, \$2,000

December 1995. Received grant to present “An Investigation of Group Development Process in “Virtual” Project Team Environments” at the Sixteenth International Conference on Information Systems – funded by College of Business and Management, University of Maryland, \$1,000

May 1993. Received grant to develop “Total Quality Classroom Software” – funded by IBM-TQ project, University of Maryland at College Park, \$1,500

May 1989. Received grant to conduct a study of "A Study on Successful Implementation of Information Technology in Business Organization" – funded by the Institute of Social Science, Seoul National University, \$1,000

Honors

Research Honor Roll, Fox School of Business & Management, 2006.

Lewis-Progressive Professor of Management, Weatherhead School of Management, 2003-2005.

Glennan Fellow, University Center for Innovation in Teaching and Education, Case Western Reserve University, 2003.

Walter Nord Grant, University Center for Innovation in Teaching and Education, Case Western Reserve University, 1998.

Runner-up for the best paper award, Hawaiian International Conference on Systems Sciences,

1998.

Ernst & Young/ICIS Doctoral Consortium, Amsterdam, Netherlands, December, 1995.

Frank T. Paine Doctoral Award for Academic Achievement, Maryland Business School, April, 1995.

Top Graduate, Graduate School of Business & Administration, Seoul National University, February, 1991.

TEACHING

Degree Program Courses

Temple University

- Designing Innovation in an iPod world (MBA elective)

Case Western Reserve University

- Introduction to Management Information Systems (MBA Requirement)
- In an iPod World: Learning and organizing in the networked world (Undergraduate SAGES course)
- Managing Corporate Knowledge (MBA Elective)
- Systems Analysis and Design (Undergrad Requirement)
- Business Telecommunication (Undergrad Elective)
- Decision and Management Support Systems (Undergrad Elective)
- IT and Corporate Transformation (MBA Elective)
- Decision and Information (MBA/MSMIS Elective)
- Advances in Information Technologies (MBA/MSMIS Elective)
- Managing Electronic Teams in Global Economy (MBA Elective)

PhD Dissertation Committees

Dissertation Chair

Yusun Jung, DBA, Information Systems, Case Western Reserve University.

Zixing Shen, DBA, Information Systems, Case Western Reserve University.

Nikhil Srinivasan, DBA, Information Systems Department, Case Western Reserve University.

Prasert Kanawattanachai (2002), “Trust, Collective Mind, and Transactive Memory in Virtual Teams”, Assistant Professor, Chulalongkorn University, Thailand.

Dissertation Committees

Sunyoung Cho, (2007), “A Contextualized approach to Telehealth Innovation”, Georgia State University.

David Tilson, DBA, Information Systems, Case Western Reserve University.

Ryan Baxter, DBA, Information Systems, Case Western Reserve University.

Uri Gal, (2007), Information Systems, Case Western Reserve University.

Elizabeth Christine Stubbs (2004), “Emotional intelligence competencies in the team and team leader: A multi-level examination of the impact of emotional intelligence on group performance”, Case Western Reserve University

Rama Bhalla (2002), “The cohesive forces of interaction: Types of interaction content in geographically dispersed teams and their impact on the relationship between group cohesiveness and effectiveness”, Case Western Reserve University.

Kevin Gallagher (2001), Assistant Professor, Florida State University.

Alex Citurs (2001), Assistant Professor, Emory University.

Hee-Dong Yang (1999), “Transaction Visibility and Information Technology: When can changing transaction visibility add values?” Assistant Professor, Ewha Women’s University, Korea.

Executive Education

- “Managing Global Virtual Teams,” 1-day session for the Weatherhead Affiliate Program, April 2007.
- “Innovation by Design,” Custom Executive Education Program for Scottish Enterprise, March, 2007.
- “Innovation by Design,” 1-day session for the Weatherhead Affiliate Program, February 2007.
- “Innovation by Design”, Custom Executive Education Program for Kirtland Capital, September 2006.
- “Innovation by Design”, Custom Executive Education Program for Moen, May 2006.
- “Innovation by Design”, Custom Executive Education Program for Bendix, April 2006.
- “Innovation by Design”, 1-day session for the Weatherhead Affiliate Program, February 2006.
- “Designing Knowledge Management Systems through AI”, Custom Executive Education Program for E&Y Center for Business Knowledge, April 2005.
- “Using Technology for Competitive Advantage,” 1-day session for the Weatherhead Affiliate Program, February 2005.
- “Digital Strategy in Knowledge Economy,” Half-day session for the E-Commerce Executive Education Program, Seoul National University, May 2003.
- “Managing Virtual Teams,” Half-day session for Alcoa Corporate University Program, Weatherhead Executive Education, February 2003
- “Digital Strategy in Knowledge Economy,” Half-day session for the E-Commerce Executive Education Program, Seoul National University, May 2002.
- “Managing Corporate Knowledge in Digital Economy,” 1-day session for the Weatherhead Affiliate Program, February 2002.

- “Network Technology and New Organizations: Frontiers for E-Business,” Half-day session for the E-Commerce Executive Education Program, Seoul National University, October 2001.
- “Creating Networked Organization: Opportunities and Challenges,” 1-day session for the Weatherhead Affiliate Program, February 2001.
- “Creating Collaborative Environments Using Information Technology,” 1-day session for the Weatherhead Affiliate Program, April 1999.

SERVICE

Referee for:

MIS Quarterly
 Management Science
 Academy of Management Journal
 Journal of Strategic Information Systems
 Database
 International Journal of Human-Computer Studies
 Journal of Management Information Systems
 Hawaii International Conference on Systems Sciences
 International Conference on Information Systems
 Americas Conference on Information Systems
 Journal of Management Education
 Social Science and Humanities Research Council on Canada
 National Science Foundation

Professional Organizations

Vice President, Korean Chapter of Association for Information Systems (elected twice)

Membership:

Academy of Management
 Association for Information Systems
 INFORMS

Administration and Committee Assignments, Temple University

Director, PhD. program in MIS, 2006 – present.

Member, PhD. program reengineering committee, 2006

Administration and Committee Assignments, Case Western Reserve University

Member, Dean’s taskforce on globalization strategy, 2005.

Member, Faculty Advisory Committee on IT for Education and Research, 2005 – 2006.

Member, Faculty Council, Weatherhead School of Management, 2004 – 2006.

Member, Professional Degree Program Committee, Weatherhead School of Management, 2004 – 2005.

Member, Search Committee for CIO, Weatherhead School of Management, 2003.

Member, Dean's ad hoc committee on information technology strategy, Weatherhead School of Management, 2002.

Member, Research Committee, Weatherhead School of Management, 2001- 2003.

Member, Search Committee for Vice President of Information Services, Case Western Reserve University, 2000-2001.

Member, Campus Computing Committee, Case Western Reserve University, 1998-2001.

Member, Dorney Grant Proposal Committee, Weatherhead School of Management, 2000 (received \$1,500,000 grant from Cleveland Foundation).

Member, Dean's taskforce on e-Learning, Weatherhead School of Management, 1999-2000.

Doctoral Program Coordinator, Department of Information Systems, Weatherhead School of Management, 1998-2000.

Other Activities

Board of Directors, Jlink Consulting Inc., Solon, OH, 2000-2001.

Member, Technology Committee, Bethel Christian Academy, Parma Heights, OH, 2000-2001.