CurriculumVitae

(As of July 10, 2018)

Gwanhoo Lee, Ph.D.

Professor of Information Technology
Kogod School of Business
American University
4400 Massachusetts Avenue, NW Washington, DC 20016-8044
Email: glee@american.edu, Gwanhoo.Lee@gmail.com
Phone: (202) 885-1991 Fax: (202) 885-1992

Research Interests/Expertise

1. Digital innovation, digital transformation, and digital ecosystem
2. Internet of Things, digital health care
3. Agility, complexity, ambidexterity, and geographic dispersion in software development
4. Information privacy and cyber security
5. Public sector IT, open government, and smart government
6. IT project management

Education

Doctor of Philosophy, Business Administration, Carlson School of Management, University of Minnesota, Minneapolis, MN, USA, 2003

Master of Science, Industrial Engineering (Minor in Computer Science), 1993
Seoul National University, South Korea

Bachelor of Science, Industrial Engineering, 1991
Seoul National University, South Korea

Employment/Appointments

Professor, Kogod School of Business, American University, 2015 – present
Faculty Fellow, The Internet Governance Lab, American University, 2018 – present
Research Fellow, Kogod Cybersecurity Governance Center, 2017 – present
Director of Operation, Kogod Cybersecurity Governance Center, 2015 – 2016
Associate Professor, Kogod School of Business, American University, 2009 – 2015
Assistant Professor, Kogod School of Business, American University, 2003 – 2009
Director, Center for IT and Global Economy, American University, 2009 – 2016
Associate Director, Center for IT and Global Economy, American University, 2004 - 2009
IT Manager, Samsung Electronics (Semiconductor Division), South Korea, 1993 – 1998

Visiting Appointments

1. Korean University, Seoul, Korea, September – December 2016
2. Samsung Economic Research Institute, June – November 2016
3. National University of Singapore, School of Computing, Summer 2013
4. LUISS Guido Carli University, Rome, Italy, Summer 2012
5. MIP School of Management, Politecnico di Milano, Italy, May 2nd – May 27th, 2011
6. Yonsei University, South Korea, Summer 2010, 2011, 2012, 2013

Refereed Journal Articles

1. "A Design Theory for Digital Platforms Supporting Online Communities: A Multiple Case Study Approach," Paolo Spagnoletti (LUISS Guido Carli University), Andrea Resca (LUISS Guido Carli University), and Gwanhoo Lee, *Journal of Information Technology,* 30(4), 2015, pp. 364-380.

2. "A Multiple Case Study of Government Internal Ideation Programs: Understanding Challenges and Identifying Effective Practices," Gwanhoo Lee, *Asia Pacific Journal of Information Systems*, 25(3), 2015, pp. 423-444.

3. "IT Resources, Organizational Capabilities, and Value Creation in Public Sector Organizations: A Public-Value Management Perspective," Min-Seok Pang, Gwanhoo Lee, and William DeLone, *Journal of Information Technology*, 29(3), 2014, pp. 187-205.

4. "Editorial: Special Issue on Leveraging the IS Organization for Business Value Creation," Gwanhoo Lee, William DeLone, Margaret Tan, Martha Corrales, *Journal of Information Technology*, 29(2), 2014, pp. 111-113.

5. "Task Environment Complexity, Software Process Capabilities, and Coordination in Global Software Development," Gwanhoo Lee, J. Alberto Espinosa, and William H. DeLone, *IEEE Transactions on Software Engineering*, 39(12), 2013, pp. 1753-1771.

6. "An Open Government Maturity Model for Increasing Social Media-Based Public Engagement," Gwanhoo Lee and Young Hoon Kwak, *Government Information Quarterly* 29(4), 2012, pp. 492-503.

7. "A Longitudinal Experimental Study on the Influences of Persuasion Quality, User Training, and First-hand Use on User Perceptions of New Information Technology," Gwanhoo Lee and Weidong Xia, *Information & Management*, 48(7), 2011, pp. 288-295.

8. "Towards Agile: An Integrated Analysis of Quantitative and Qualitative Field Data on Software Development Agility," Gwanhoo Lee and Weidong Xia, *MIS Quarterly,* 34(1), 2010, pp. 87-114.

9. "Understanding the Flexibility Gap of Information Systems Development: An Empirical Study," Weidong Xia and Gwanhoo Lee, *Journal of Information Technology Management*, 20(2), 2009, pp. 11-21.

10. "Why Consumers (Don't) Adopt Smart Wearable Electronics," Gretchen Anderson and Gwanhoo Lee, *IEEE Pervasive Computing* 7(3), Jul-Sept, 2008, pp. 10-12.

11. "Organizational Size and IT Innovation Adoption: A Meta-Analytic Review," Gwanhoo Lee and Weidong Xia, *Information & Management,* 43(8), 2006, pp. 975-985.

12. "Global Boundaries, Task Processes and IS Project Success: A Field Study," J. Alberto Espinosa, William H. DeLone, and Gwanhoo Lee, *Information Technology and People*, 19(4), 2006, pp. 345-370.

13. "Flexibility and Rigor: Ambidextrous Coping Strategies in Globally-Distributed Software Development Projects," Gwanhoo Lee, William H. DeLone, and J. Alberto Espinosa, *Communications of the ACM*, 49(10), 2006, pp. 35-40.

14. "Complexity of Information Systems Development Projects: Conceptualization and Measurement Development," Weidong Xia and Gwanhoo Lee, *Journal of Management Information Systems*, 22(1), 2005, pp. 45-83.

15. "The Ability of Information Systems Development Project Teams to Respond to Business and Technology Changes: A Study of Flexibility Measures," Gwanhoo Lee and Weidong Xia, *European Journal of Information Systems*, 14(1), 2005, pp. 75-92.

16. "Grasping the Complexity of IS Development Projects," Weidong Xia and Gwanhoo Lee, *Communications of the ACM*, 47(5), 2004, pp. 68-74.

17. "Information Rules: A Strategic Guide to the Network Economy," Gwanhoo Lee, *Electronic Markets: The International Journal of Electronic Commerce and Business Media*, 10(1), 2000, pp. 59-61. (Book Review)

Refereed Conference Proceedings/Presentations

1. "Towards a Smart Policy Framework for Fostering IoT Innovation and Adoption: Analysis of Field Interviews and Public Comments," Gwanhoo Lee, TPRC46: Research Conference on Communications, Information and Internet Policy, Washington DC, September 2018

2. "Unexpected Changes in a Digital Health Ecosystem Implementation: The Case of the Italian Electronic Health Record," Cristina Trocin (University Ca' Foscari of Venice, Italy), Gwanhoo Lee, Giovanni Vaia (University Ca' Foscari of Venice, Italy), Daria Arkhipova (University Ca' Foscari of Venice, Italy), Claudio Saccavini (Centro Veneto Ricerca e Innovazione per la Sanita Digitale), The 34th European Group for Organizational Studies (EGOS) Colloquium 2018, Tallinn, Estonia

3. "A Policy and Regulatory Framework for Accelerating Internet of Things Innovation and Deployment," Gwanhoo Lee, The 10th Annual Dupont Summit on Science, Technology, and Environmental Policy, Washington DC, December 1, 2017

4. "Does Context Matter for Information Privacy Concerns?: Integration of Empirical Research Findings," Gwanhoo Lee, Haejung Yun (Ewha Womans University), Dan J. Kim (University of North Texas), 16th International Conference on IT Applications and Management, Busan, Korea, June 2016

5. "The Effects of Spatial and Temporal Dispersion on Virtual Teams' Performance," Kristina Egorova (National University of Singapore), Jungpil Hahn (National University of Singapore), Gwanhoo Lee, European Conference on Information Systems, Istanbul, Turkey, June 2016

6. "A Meta-Analysis of Empirical Research on Personal Information Privacy Concerns," Haejung Yun (Yonsei University), Gwanhoo Lee, Dan J. Kim (University of North Texas), Pre-ICIS Workshop on Bright ICT, Fort Worth, Texas, USA, December 2015

7. "Configurational Approach to Uncovering the Effect of Enterprise Architecture Design on Organizational Performance," YoungKi Park (George Washington University, Gwanhoo Lee, Zoonky Lee (Yonsei University), Americas Conference on Information Systems, Puerto Rico, August 2015

8. "The AIS Grand Vision Project: What, Why, and How," Americas Conference on Information Systems, Puerto Rico, August 2015 (Panel Discussion Leader)

9. "The Role of Information Technology Architecture in Driving Corporate Innovations: Modularization, Virtualization, and Organizational Learning," Insoo Sohn (Korea University), Dongwon Lee (Korea University), Gwanhoo Lee (American University), Youngjin Yoo (Temple University), *SIM Pre-ICIS Workshop,* Auckland, New Zealand, December 2014

10. "The Role of IT Architecture in Driving Organizational Learning for Corporate Innovations: Modularization and Virtualization Perspectives," Insoo Sohn (Korea University), Dongwon Lee (Korea University), Gwanhoo Lee (American University), Youngjin Yoo (Temple University), *LG-KrAIS Workshop, The 35TH International Conference on Information Systems*, Auckland, New Zealand, December 2014

11. "A Meta-Analytic Review of Empirical Research on Online Information Privacy Concerns: Antecedents, Outcomes, and Moderators," Haejung Yun (Yonsei University), Gwanhoo Lee, Dan Kim (University of North Texas), accepted for *The 35th International Conference on Information Systems*, Auckland, New Zealand, December 2014

12. "IT Architecture and Organizational Learning: The Effect of Modularity and Virtualization," Insoo Sohn (Korea University), Dongwon Lee (Korea University), Gwanhoo Lee (American University), Youngjin Yoo (Temple University), *2014 Academy of Management Annual Meeting*, Philadelphia, PA, August 2014

13. "The Effect of IT Architecture Modularity and Virtualization on Organizational Learning: A Theoretical Exploration," Insoo Sohn (Korea University), Dongwon Lee (Korea University), Gwanhoo Lee (American University), Youngjin Yoo (Temple University), 2014 Spring Conference of Korea society of Management Information Systems, South Korea, June 2014

14. "Global Team Boundary Complexity: A Social Networks Perspective," J. Alberto Espinosa, Gwanhoo Lee, and William H. DeLone, *The 47th Hawaii International Conference on System Science Proceedings, Big Island, Hawaii,* January 2014, pp. 321-330

15. "EA Configurations: Interplay of EA Design Factors, Strategy Types, and Environments," Youngki Park (George Washington University), Gwanhoo Lee, Zoonky Lee (Yonsei University), *The 34th International Conference on Information Systems,* Milan, Italy, December 2013

16. "Archetypes of Crowdfunders' Backing Behaviors and the Outcome of Crowdfunding Efforts: An Exploratory Analysis of Kickstarter," Jungpil Hahn (National University of Singapore), and Gwanhoo Lee, *Conference on Information Systems and Technology, INFORMS,* October 2013

17. "IT Resources, Organizational Capabilities, and Value Creation in the Public Sector Organizations: Public Value Management Perspective," Minseok Pang and Gwanhoo Lee, *The 11th Public Management Research Association Conference*, Madison, WI, June 2013

18. "IT Resources, Organizational Capabilities, and Value Creation in the Public Sector Organizations: Public Value Management Perspective," Minseok Pang and Gwanhoo Lee, *LG-KrAIS Workshop, The 33rd International Conference on Information Systems*, Orlando, FL, December 2012

19. "Open Government Maturity Model: Harnessing Social Media for Increased Public Engagement," Gwanhoo Lee and Young Hoon Kwak, *The 2012 NASA Project Management Challenge*, Orlando, FL, February 2012

20. "A Maturity Model for Technology-Enabled Open Government," Gwanhoo Lee and Young Hoon Kwak, *eGovernment Workshop*, *The 32nd International Conference on Information Systems*, Shanghai, China, December, 2011.

21. "Open Government Implementation Model: A Stage Model for Achieving Increased Public Engagement," Gwanhoo Lee and Young Hoon Kwak, *The 12th International Digital Government Research Conference, College Park, MD*, June 2011, pp. 1-8.

22. "The Main and Interaction Effects of Process Rigor, Process Standardization, and Process Agility on System Performance in Distributed IS Development: An Ambidexterity Perspective," Gwanhoo Lee, William H. DeLone, and J. Alberto Espinosa, *The 31st International Conference on Information Systems Proceedings, St. Louis, MO, USA,* December 2010, pp. 1-14.

23. "The Effect of Knowledge Overlap, Task Interdependence, and Trust on IS Development Performance," Jungpil Hahn and Gwanhoo Lee, *The 31st International Conference on Information Systems Proceedings, St. Louis, USA,* December 2010, Paper 199, pp. 1-18.

24. "Knowledge Overlaps in Information System Development," Jungpil Hahn and Gwanhoo Lee, *INFORMS Annual Meeting*, Austin, Texas, November 2010

25. "Process Ambidexterity and Success in Geographically Dispersed Information Systems Development," Gwanhoo Lee, J. Alberto Espinosa, and William H. DeLone, *The 69th Academy of Management Annual Meeting Best Paper Proceedings*, *Chicago, Illinois,* August 2009.

26. "Relationships between Software Team Flexibility, Autonomy, Diversity, and Project Performance," Gwanhoo Lee and Weidong Xia, *The 67th Academy of Management Best Paper Proceedings, Philadelphia, Pennsylvania,* August 2007, *OCIS First Runner-up Best Paper Award.*

27. "Virtual Team Boundary Complexity: A Team Coordination Perspective," J. Alberto Espinosa, Gwanhoo Lee, and William H. DeLone, *The 67th Academy of Management, Philadelphia, Pennsylvania,* August 2007.

28. "Ambidexterity and Global IS Project Success: A Theoretical Model," Gwanhoo Lee, William H. DeLone, and J. Alberto Espinosa, *The 40th Hawaii International Conference on System Science Proceedings, Big Island, Hawaii,* January 2007, pp. 1-10.

29. "Bridging Global Boundaries for IS Project Success," William H. DeLone, J. Alberto Espinosa, Gwanhoo Lee, and Erran Carmel, *The 38th Hawaii International Conference on System Sciences Proceedings, Big Island, Hawaii,* January 2005, pp. 1-10.

30. "IS/IT Strategy: Concept, Frameworks, and Case Observations," Carl Adams, Weidong Xia, Nick Ball, and Gwanhoo Lee, *SIGLead Conference 2004, Athens, Georgia,* April 17 2004.

31. "Development of a Measure to Assess Software Project Complexity," Gwanhoo Lee and Weidong Xia, *The 23rd International Conference on Information Systems Proceedings, Barcelona, Spain,* December 2002, pp. 79-88.

32. "Flexibility of Information Systems Development Projects: A Conceptual Framework," Gwanhoo Lee and Weidong Xia, *2002 Americas Conference on Information Systems Proceedings, Dallas, Texas,* August 2002, pp. 1390-1396.

33. "The Influence of Persuasion, Training, and Experience on User Perceptions and Acceptance of IT Innovation," Weidong Xia and Gwanhoo Lee, *The 21st International Conference on Information Systems Proceedings, Brisbane, Australia,* December 2000, pp. 371-384.

Invited Presentations

1. "The National Cybersecurity Governance, Strategy, and Policy of the United States," The Blue House/Korea Internet and Security Agency, South Korea, July 2018

2. "Approaches to Increasing the Cybersecurity of the Internet of Things," *The Governing the Internet of Things Symposium*, co-hosted by the Internet Governance Lab and DC Chapter of the Internet Society, March 30, 2018, American University, Washington, DC

3. "Strategies and Policies for Ensuring Cybersecurity of Internet of Things: Towards US-Korea Smart Partnership," Atlantic Council, November 2017

4. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," Hanyang University, Seoul, Korea, November 2017

5. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," Korea University, Seoul, Korea, November 2017

6. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," Hongik University, Seoul, Korea, November 2017

7. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," Sungkyunkwan University, Seoul, Korea, November 2017

8. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," SookmyungWomen's University, Seoul, Korea, November 2017

9. "The Fourth Industrial Revolution: Hyperconnectivity and IoT-driven Value Innovation," Ewha Womans University, Seoul, Korea, November 2017

10. "Smart Policy and Regulatory Framework for Fostering IoT Innovation and Deployment," Samsung Economic Research Institute, Seoul, Korea, July 14, 2017

11. "Coping with Highly Complex Projects," School of Engineering, Seoul National University, Seoul, Korea, July 7, 2017

12. "Implementing Digital Economy and Digital Government," The World Bank Forum on Digital Economy, Moscow, Russia, June 29, 2017

13. "Digital Health Care in South Korea," The World Bank Digital Economy Knowledge Exchange Round Table: Republic of Korea – Russian Federation, World Bank, Moscow, April 7, 2017

14. "South Korea's Digital Economy," The World Bank Digital Economy Knowledge Exchange Round Table: Republic of Korea – Kyrgyz Republic, World Bank, Bishkek, March 23, 2017

15. "mHealth Platform Strategy," Samsung Economic Research Institute, Seoul, Korea,

November 2016

16. "Hyper-connectivity and Digital Innovation," Inha University, Incheon, Korea, November 2016

17. "IoT Innovation and Deployment: A Blueprint for U.S. and Korean Leadership," U.S.-Korea-Japan Trilateral Forum on Digital Economy and the Internet of Things (IoT)," The U.S.-Korea Business Council, Seoul, Korea, November 9, 2016

18. "Hyper-connectivity and Digital Innovation," Kim Chang Joon Academy, Seoul, Korea, October 2016

19. "A Meta-Analytic Review of Information Privacy Concerns Research: *Do Sample Characteristics, Technological Context, and Measurement Moderate the Results?*," Yonsei University, Korea, October 2016

20. "A Meta-Analytic Review of Information Privacy Concerns Research: *Do Sample Characteristics, Technological Context, and Measurement Moderate the Results?*," KAIST, Daejeon, Korea, September 2016

21. "Hyper-connectivity and Digital Innovation," Kim Chang Joon Academy, Busan, Korea, September 2016

22. "A Meta-Analytic Review of Information Privacy Concerns Research: *Do Sample Characteristics, Technological Context, and Measurement Moderate the Results?*," Chinese University of Hong Kong Business School, August 2016

23. "In Search of Organizing Logic for High-Performing Enterprise Architecture: A Set-Theoretic Configurational Approach," School of Information, Yonsei University, Korea, July 2016

24. "The U.S. Approach to Cybersecurity Governance," School of Government, LUISS Guido Carli University, Rome, Italy, June 2016

25. "Cybersecurity Governance: Challenges and Best Practices," Research Colloquium, Yonsei University, Songdo, Korea, November 2015

26. "IoT Service Innovation Models and Competitive Strategies," Keynote speech, The International Conference for Knowledge Intensive Service Industry, Seoul, Korea, November 2015

27. "Internet of Things: Value Creation Models for and Market Strategies," Washington ICT Forum, Washington DC, September 2015

28. "Value Creation Models for Internet of Things and Competitive Strategies of Global IT Companies," ICTC Center, Korea Advanced Institute of Science and Technology (KAIST), September 2015

29. "Hyper-connectivity and Innovation in Public Sector," Public Sector Leadership Seminar Series, School of Public Administration, Seoul National University, Korea, June 2013

30. "Value Creation Models for Internet of Things and Samsung's Competitive Advantages," Samsung Economic Research Institute, May 2015

31. "Digital Hyper-Connectivity and Innovation," Samsung Economic Research Institute, July 2014

32. "The Complex Effect of Shared Domain Knowledge on IS Development: A Simulation-Based Theory Development," Sokang University, June 2014

33. "EA Configurations: Interplay of EA Design Factors, Strategy Types, and Environments," Korea Institute for Defense Analyses, June 2014

34. "Developing Information Systems as Complex Adaptive Business Systems," Complex Adaptive Systems Information Systems Symposium," October, 2013, University of Texas, Austin, TX

35. "Effect of Shared Domain Knowledge on Information Systems Development," Society for Information Management (SIM) Capital Area Chapter, Washington, D.C., September 10, 2013

36. "Digital Transformation: Implications for Future Business Leaders," 2013 NJ-NY Future Leaders Academy, World Federation of Overseas Korean Traders' Association, Fort Lee, NJ, July 2013

37. "Managing Complex Projects in the Rapidly Changing Environment," Global Education Center for Engineers, Seoul National University, Korea, June 2013

38. "Social Media for Pubic Engagement and Innovation," School of Public Administration, Seoul National University, Korea, June 2013

39. Toward a Theory of Shared Domain Knowledge in Information Systems Development: A Complex Adaptive Systems Perspective," Inha University, Korea, June 2013

40. "Managing Complex Projects in the Aerospace Industry," Chunbuk National University, Korea, June 2013

41. "Leveraging Social Media for Pubic Engagement," School of Public Administration, Seoul National University, Korea, June 2012

42. "Interaction Effects of Process Rigor, Standardization, Agility, and Customizability on IS Development," Temple University, April 2012

43. "Cloud Computing: Research Findings, Key Issues, and Recommendations," Center for IT and the Global Economy, Kogod School of Business, American University, March 2012

44. "Leveraging Social Media for Customer/Pubic Engagement," Center for IT and the Global Economy, Kogod School of Business, American University, November 2011

45. "Balancing Rigor, Standardization, and Agility in Distributed IS Development Process: Synergistic or Offsetting?" Korea University, South Korea, June 2011

46. "Balancing Rigor, Standardization, and Agility in Distributed IS Development Process: Synergistic or Offsetting?" KAIST (Korea Advanced Institute of Science and Technology), South Korea, June 2011

47. "Balancing Rigor, Standardization, and Agility in Distributed IS Development Process: Synergistic or Offsetting?" Seogang University, South Korea, June 2011

48. "Balancing Rigor, Standardization, and Agility in Distributed IS Development Process: Synergistic or Offsetting?" MIP Business School, Politecnico di Milano, Italy, May 2011

49. "Social Media for Increased Public Engagement: An Open Government Maturity

Model," co-hosted by CeRSI (The Research Center on Information Systems) and School of Government, LUISS Guido Carli University, Rome, Italy, May 9th, 2011

50. "Social Media for Startups," Social Learning Summit 2011, American University, April 2011.

51. "Social Media for Customer and Pubic Engagement and Open Government Maturity Model," Center for IT and the Global Economy, Kogod School of Business, American University, November 2010

52. "Open Leadership and Strategy in the Era of Social Media," Institute of Global Management, Seoul, Korea, August 2010

53. "Managing Complex Projects in the Rapidly Changing Environment," PMP Korea Forum, Seoul, Korea, August 2010

54. "The Effects of Process Rigor, Process Standardization, Process Agility on the Success of Distributed IS Development: An Ambidexterity Perspective," Loyola University Maryland, April 2010

55. "The Effect of Process Ambidexterity on the Success of Distributed Information Systems Development," School of Information, Yonsei University, Korea, June 2009

56. "The Effect of Process Ambidexterity on the Success of Distributed Information Systems Development," School of Business, Yonsei University, Korea, June 2009

57. "The Effect of Process Ambidexterity on the Success of Distributed Information Systems Development," School of Business, Seoul National University, Korea, May 2009

58. "The New Leadership in the Global and Digital Economy," Sookmyung Women's University, May 2009

59. "Ambidextrous Project Management in Rapidly Changing and Highly Complex Environments," Project Management Conference for the Defense Industry, IDGA (Institute for Defense and Government Advancement), Washington, D.C., March 31, 2009

60. "Breaking the Code: Effective CIOs," Samsung SDS, Korea, July 2007

61. "Software Team Flexibility: An Empirical Study of its Constructs, Determinants, and Effects," Seoul National University, Korea, July 2007

62. "CIO Agenda," Sookmyung Women's University, May 2006

63. "Leaders in the Global, Information Economy," keynote speech for the 100th anniversary alumni conference for the Washington Chapter of Sookmyung Women's University, 2006.

64. "Information Systems Research: Past, Present, and Future," Seoul National University, Korea, 2004

65. "The Flexibility and Complexity of Information Systems Development Projects: Conceptual Frameworks, Measures, and Empirical Tests," University of British Columbia, Canada, 2003

66. "The Flexibility and Complexity of Information Systems Development Projects: Conceptual Frameworks, Measures, and Empirical Tests," Lehigh University, PA, 2003

67. "The Flexibility and Complexity of Information Systems Development Projects: Conceptual Frameworks, Measures, and Empirical Tests," Syracuse University, NY, 2003

68. "The Flexibility and Complexity of Information Systems Development Projects: Conceptual Frameworks, Measures, and Empirical Tests," Tulane University, 2003

Papers under Review

1. "The Complex Effect of Shared Domain Knowledge on IS Development: A Simulation-Based Theory Development," Jungpil Hahn (National University of Singapore) and Gwanhoo Lee, (being revised for 3rd round review at *MIS Quarterly*)

2. "A Chronological Review of Empirical Research on Personal Information Privacy Concerns: An Analysis of Situational Contexts and Research Constructs," Haejung Yun (Ewha Womans University), Gwanhoo Lee (corresponding author), Dan J. Kim (University of North Texas), (under 2nd round review at *Information & Management*)

3. "A Meta-Analytic Review of Information Privacy Concerns Research: Do Sample Characteristics, Technological Context, and Measurement Moderate the Results?" Gwanhoo Lee, Haejung Yun (Ewha Womans University), Dan J. Kim (University of North Texas), (being revised to be resubmitted to *Journal of AIS*)

4. "Smart Policies for Fostering IoT Innovation and Adoption: Analysis of Field Interviews and Public Comments," Gwanhoo Lee (single author), (under 1st round review at Government Information Quarterly)

5. "Coordination of IS Outsourcing Projects Involving Upstream Activities: Bridging Control and Performance," Dong-Gil Ko (U. of Cincinnati), Gwanhoo Lee, Mark Keil (Georgia State U.) and Weidong Xia (Florida International U.), (being reviewed at *Information Technology & People*)

Research in Progress

1. "IT Architecture and Organizational Learning: The Effect of Modularity and Virtualization," Insoo Sohn (Korea University), Dongwon Lee (Korea University), Gwanhoo Lee (American University), Youngjin Yoo (Temple University), *working paper (an earlier version was presented at AoM and KrAIS)*

2. "Enterprise Architecture, IT Capabilities, Business Environment, and Firm Performance: A Fuzzy Set Qualitative Comparative Analysis," Youngki Park (George Washington University), Gwanhoo Lee, Zoonky Lee (Yonsei University), *working paper (an earlier version was presented at ICIS)*

3. "Smart Policies and Regulatory Framework for Promoting IoT Innovation and Deployment," *(being prepared to be submitted to Information Policy)*

4. "Balancing Rigor, Standardization, and Agility in Distributed IS Development Process: Synergistic or Offsetting?" Gwanhoo Lee, J. Alberto Espinosa, and William DeLone, *working paper (an earlier version was presented at ICIS and AoM)*

5. "Archetypes of Crowdfunders' Backing Behaviors and the Outcome of Crowdfunding Efforts: An Exploratory Analysis of Kickstarter," Jungpil Hahn (National University of Singapore), and Gwanhoo Lee, *working paper (an earlier version was presented at CIST, INFORMS)*

Monographs

1. "Federal Ideation Programs: Challenges and Best Practices," *Using Technology Series, IBM Center for the Business of Government*, October 2013, available at http://www.businessofgovernment.org/sites/default/files/Federal%20Ideation%20Programs.pdf
2. "An Open Government Implementation Model: Moving to Increased Public Engagement," *Using Technology Series, IBM Center for the Business of Government*, January 2011, available at http://www.businessofgovernment.org/sites/default/files/An%20Open%20Government%20Implementation%20Model.pdf
3. "The Flexibility and Complexity of Information Systems Development Projects: Conceptual Frameworks, Measures, and Empirical Tests," *American Society for Quality* (http://asq.org/knowledge-center), Summer 2010.

Reports

1. "Preparing for a Connected World," Gwanhoo Lee and Rebekah Lewis, a chapter in the Atlantic Council Report entitled *Building a Smart Partnership for the Fourth Industrial Revolution*, pp. 46-55, April 2018, available at http://www.atlanticcouncil.org/images/publications/Building-A-Smart-Partnership-for-the-Fourth-Industrial-Revolution-WEB-min.pdf
2. "South Korea's Digital Economy: Politics and Implementation Strategies," Research Report, The World Bank, July 2017
3. "IoT Innovation and Deployment: A Blueprint for U.S. and Korean Leadership," Research Report, *The U.S. Chamber of Commerce*, November 2016, available at https://www.uschamber.com/sites/default/files/final_accelerating_iot_growth_and_deployment_uskbc.pdf
4. Featured in the Research Board's (www.researchboard.com) report on "*Measuring, Managing, and Minimizing IT Complexity*," January 2015
5. "Leading Complex, Mission-Critical Projects," authored by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, April 2014, 7(1), pp. 1-17.
6. "Cybersecurity 2013: What Every CIO Should Know," authored by Melanie Teplinsky and Tom Kellermann, edited by Gwanhoo Lee and Marianne Du, Executive Brief, Center for IT and the Global Economy, May 2013, 6(3), pp. 1-20.
7. "Privacy, Data Governance and the CIO: Big Data and Other Challenges," authored by Mary Culnan, edited by Gwanhoo Lee and Marianne Du, Executive Brief, Center for IT and the Global Economy, April 2013, 6(2), pp. 1-16.
8. "Big Data and Business Analytics: Realizing Opportunities," authored by Erran Carmel and Michael Carleton, edited by Gwanhoo Lee and Marianne Du, Executive Brief, Center for IT and the Global Economy, January 2013, 6(1), pp. 1-15.
9. "Building Social Capital and ROI through Social Media," authored by William DeLone, edited by Gwanhoo Lee and Marianne Du, Executive Brief, Center for IT and the Global Economy, December 2012, 5(3), pp. 1-22.
10. "Big Data and Business Analytics: Defining a Framework," authored by J. Alberto Espinosa, Frank Amour, and Stephen Kaiser, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, September 2012, 5(2), pp. 1-18.

11. "Cloud Computing and XaaS," authored by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, April 2012, 5(1), pp. 1-23.
12. "Social Media as a New Platform for Engagement and Innovation," authored by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, December 2011, 4(5), pp. 1-21.
13. "Repositioning the Information Systems Profession: Creating an Identity for Business Influence," authored by William DeLone and Peter Keen, edited by Gwanhoo Lee and Laura Reyes, Executive Brief, Center for IT and the Global Economy, November 2011, 4(4), pp. 1-24.
14. "Looking into the Future: What's Beyond the Cloud?" authored by Erran Carmel, edited by Gwanhoo Lee and Laura Reyes, Executive Brief, Center for IT and the Global Economy, October 2011, 4(3), pp. 1-8.
15. "The Evolution of the CIO Position in a Complex World," authored by William DeLone, edited by Gwanhoo Lee and Laura Reyes, Executive Brief, Center for IT and the Global Economy, September 2011, 4(2), pp. 1-15.
16. "Operational Risk and Information Threats in the Digital Age," authored by J. Alberto Espinosa and Kannan Jayaprakash, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, February 2011, 4(1), pp. 1-8.
17. "Harnessing the Power of Social Media for Customer and Public Engagement," authored by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, November 2010, 3(5), pp. 1-19.
18. "Assessing the Value of Web 2.0 in the Government and the Private Sector," authored by William DeLone and Murray Scott, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, November 2010, 3(4), pp. 1-15.
19. "Enterprise Architecting Process and Coordination," authored by J. Alberto Espinosa and Frank Armour, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, May 2010, 3(3), pp. 1-21.
20. "Real Business of IT: How CIOs Create and Communicate Value," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, May 2010, 3(2), pp. 1-13.
21. "Technology Future and Forecasting," authored by Erran Carmel, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, April 2010, 3(1), pp. 1-10.
22. "Integrated IT Governance and Enterprise Architecture: Shifting from a Stovepipe IT Organization to an Integrated Enterprise IT Organization," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, August 2008, 2(3), pp. 1-8.
23. "Integrated IT Governance and Enterprise Architecture: How Can We Measure and Communicate the Outcomes and Benefits of EA and Governance?" edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, June 2008, 2(2), pp. 1-8.
24. "Integrated IT Governance and Enterprise Architecture: How Can Governance/EA Help Generate High Business Value IT Proposals?" edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, April 2008, 2(1), pp. 1-9.
25. "Integrated IT Governance: Enterprise Architecture, Investment Management, and Project Management," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, December 2007, 1(5), pp. 1-9.
26. "IT Outsourcing and Offshoring," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, October 2007, 1(4), pp. 1-6.

27. "Offshoring and Nearshoring," authored by Erran Carmel, edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, August 2007, 1(3), pp. 1-2.
28. "Business-IT Alignment: Beyond Alignment, Toward Convergence," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, May 2007, 1(2), pp. 1-3.
29. "Enterprise IT Risk Management," edited by Gwanhoo Lee, Executive Brief, Center for IT and the Global Economy, April 2007, 1(1), pp. 1-2.

Magazine Articles

1. "Book Review: Machine, Platform, Crowd: Harnessing Our Digital Future," Korea Assembly Human Network (http://www.naon.go.kr/content/html/2017/12/14/21e99f22-06d9-4c99-a910-633521c0b9b9.html), December 15, 2017
2. "Preventing Failures in Mission-Critical Government Software Projects: Lessons Learned from the Healthcare.gov Project," Gwanhoo Lee and Justin Brumer, *The Business of Government Magazine* (publisher: IBM), Fall 2017, pp. 69-75.
3. "The Golden Rule for Social Media Use: R.E.S.P.E.C.T.," *IGM Business Review*, 12(Winter), January 2011.
4. "Make Your Customers Wet in Drizzles: Twitter Marketing Strategies," *IGM Business Review*, 11(Summer), 2010, pp. 68-71.
5. "Why did the Seventy-Five Years Old CEO of Marriott Hotel Become a Blogger? Totally Engage Your Customers and Employees," *IGM Business Review*, 11(Summer), 2010, pp. 64-66.
6. "Comments and Opinions on Outsourcing," *CIO magazine*, Dec. 1, 2006, p. 16.

Media Appearance

1. "*Net Neutrality Explained: A Conversation with Gwanhoo Lee*," Kogod Alumni Newsletter, March, 2018, http://www.american.edu/kogod/news/kogod-net-neutrality-gwanhoo-lee.cfm
2. Korea National Assembly News featured my book review and book recommendations, December 15, 2017 (http://hn.nanet.go.kr/discussionDetail.do;jsessionid=NYVp0t1JTWBsLmnp2W7hDILALexWoj4fkNtexFnZG7ONJiOMMSyJd6TGbLDBTaBz.p550was_servlet_hn)
3. Mentioned in the press release by US Chamber of Commerce on Trilateral Forum on Digital Economy and Internet of Things, November 9, 2016 (https://www.uschamber.com/press-release/us-korea-and-us-japan-business-councils-host-trilateral-forum-digital-economy-and)
4. Featured in the cover story of *Kogod Now*, Spring 2014
5. Media interview regarding government ideation programs, *DorobekINSIDER,* February 2014
6. Quoted in the National Journal article entitled "*Congress Embarks on Government IT Reform*" November 18, 2013, http://www.nationaljournal.com/health-care/congress-embarks-on-government-it-reform-20131118
7. Featured in AM 1660 New York Korean Radio Broadcasting News, July 25, 2013
8. Quoted in the cover story of the Washington Business Journal entitled "*How can LivingSocial get its mojo back? (And what happens if it can't?)*" April 26, 2013
9. Quoted in AFP TV news entitled "Company Tells Workers to Cut the Cord on After Hours Email." This TV news was globally aired in November 2012 on:

    a. 9News (http://www.9news.com/video/1972992439001/1/Company-Tells-Workers-to-Cut-the-Cord-on-After-Hours-Email)

    b. NBC12 and ABC25 (http://www.firstcoastnews.com/video/1972993807001/1/Company-Tells-Workers-to-Cut-the-Cord-on-After-Hours-Email)

    c. WTSP 10News (http://www.wtsp.com/video/1972983178001/1/Company-Tells-Workers-to-Cut-the-Cord-on-After-Hours-Email)

    d. 5News, KSDK (http://www.ksdk.com/video/1972983180001/1/Company-Tells-Workers-to-Cut-the-Cord-on-After-Hours-Email)

    e. NewsLook.com (http://www.newslook.com/videos/513063-company-tells-workers-to-cut-the-cord-on-after-hours-email)

    f. Detroit Free Press online (http://www.freep.com/videonetwork/1972992468001/Company-Tells-Workers-to-Cut-the-Cord-on-After-Hours-Email)

10. Quoted in an AFP news article regarding Employees' email use after work. This article was published globally in numerous leading daily newspapers including:

    a. "Ne plus répondre au téléphone et aux courriels après le travail," La Presse (French-language daily newspaper), Montreal, Canada, October 25, 2012 (http://www.lapresse.ca/vivre/societe/201210/25/01-4586948-ne-plus-repondre-au-telephone-et-aux-courriels-apres-le-travail.php)

    b. "A l'Advisory Board Company, il faut oublier le travail après le travail," L'Orient-Le Jour (French-language daily newspaper), Lebanon, October 27, 2012 (http://www.lorientlejour.com/category/%C3%80+La+Une/article/784727/A_lAdvisory_Board_Company,_il_faut_oublier_le_travail_apres_le_travail_.html)

    c. "Companies Adopt 'No Email After Work' Policy," Herald Sun (Australian daily newspaper), November 18, 2012 (http://www.heraldsun.com.au/business/worklife/companies-adopt-no-email-after-work-policy/story-fn7j1dox-1226519171877)

    d. "Say No to E-mail After Hours," AsiaOne (Online news portal based in Singapore), November 19, 2012 (http://news.asiaone.com/print/News/Latest%2BNews/Science%2Band%2BTech/Story/A1Story20121119-384363.html)

    e. "Drawing a Line on After-Hours Emails," New Straits Times (Malaysia's daily newspaper), November 19, 2012 (http://bit.ly/UqdVgD)

11. Featured in the article "Government 2.0: An Implementation Model," *Kogod Now*, Fall 2011, pp. 29-31

12. Quoted in the article "Juggling Your Job and School," *Project Management Institute (PMI) Career Central Online Portal*, September 6, 2011 (http://www.pmi.org/en/Professional-Development/Career-Central/Juggling-Your-Job-and-School.aspx)

13. Quoted in the article "M.B.A. Programs Focus on Project Management," *U.S. News and World Report*, March 30, 2011

14. My IBM-sponsored research on *Social Media and Open Government* has been featured in

    a. "Big Blue Guide to Implementing Open Government," *GovFresh*, March 17, 2011

b. "Report: IT Problems are Hindering Agency Transparency Initiatives," *Fierce Government IT*, February 3, 2011
c. "Report: Agencies Face Challenges in Delivering Open Government," *NextGov.com*, February 1, 2011.
d. "Agencies face problems opening up government," *Federal Computer Week*, January 31, 2011
e. IBM *IdeaWatch Government*, as a lead article for the issue of February 2011
f. *Australian Policy Online*, *Policypointers.org*, Openforumeurope.org, Washingtoncog.org, GovLoop.com
15. Featured in the article "Avoid Social Media Slip-Ups," *Kogod Now*, Spring 2011, p. 36
16. Radio show interview (one hour) regarding Open Government Implementation, *Conversation with Authors Series, Federal News Radio (1500 AM) and CBS Radio*, February 2011
17. "Why did the Seventy-Five Years Old CEO of Marriott Hotel Become a Blogger? Totally Engage Your Customers and Employees," *Chosun.com*, July 2010.

Learning/Teaching Related Intellectual Contributions

1. Design and implementation of a custom training program for Korean government officials, 2014 - 2017
2. Design and development of a hybrid version of ITEC643 Project Management for Professional MBA program, 2014
3. Major overhaul of ITEC643 Project Management, 2012, 2014
    a. Revised scope, course materials, cases, and lecture notes
    b. Changed the course title and catalog description
4. Major overhaul of ITEC350 Digital Leadership and Strategy, 2011
5. New course development for ITEC350 Corporate Information Strategy and Management, 2007
6. New course development for ITEC644A Project Management and ITEC644B Enterprise Process and Systems, 2006
7. Joint new course development for ITEC200 The Edge of Information Technology, 2006

Courses Taught

American University
Spring 2018
- ITEC 643, Project Management, graduate level, 24 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 32 students enrolled, 3 credit hours – student evaluation of teaching: 5.7/7

Fall 2017
- ITEC 643HB (Hybrid format) Project Management, PMBA, 19 students enrolled, 3 credit hours – student evaluation of teaching: 6.0/7
- ITEC 643, Project Management (2U online), graduate level, 16 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7

Spring 2017
- ITEC 643, Project Management, graduate level, 27 students enrolled, 3 credit hours – student evaluation of teaching: 6.0/7

- ITEC 350, Digital Leadership and Strategy, undergraduate level, 31 students enrolled, 3 credit hours – student evaluation of teaching: 5.8/7

Fall 2016
- N/A (Sabbatical)

Spring 2016
- ITEC 643, Project Management, MBA level, 16 students enrolled, 3 credit hours – student evaluation of teaching: 6.4/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 29 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7

Summer 2015
- ITEC 643HB (Hybrid format) Project Management, PMBA, 31 students enrolled, 3 credit hours – student evaluation of teaching: 5.6/7

Spring 2015
- ITEC 643, Project Management, MBA level, 18 students enrolled, 3 credit hours – student evaluation of teaching: 6.6/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 21 students enrolled, 3 credit hours – student evaluation of teaching: 6.2/7

Fall 2014
- ITEC 643HB (Hybrid format) Project Management, PMBA, 29 students enrolled, 3 credit hours – student evaluation of teaching: 6.2/7
- ITEC 643 Project Management, Freddie Mac Master in Management program, 37 students enrolled, 3 credit hours – student evaluation of teaching: 6.3/7

Spring 2014
- ITEC 643, Project Management, MBA level, 12 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 34 students enrolled, 3 credit hours – student evaluation of teaching: 6.0/7

Fall 2013
- ITEC 200 (two sections), The Edge of Information Technology, undergraduate level, 69 students enrolled in two sections, 3 credit hours – student evaluation of teaching: 6.4/7, 6.0/7

Spring 2013
- ITEC 643, Project Management, MBA level, 28 students enrolled, 3 credit hours – student evaluation of teaching: 6.3/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 31 students enrolled, 3 credit hours – student evaluation of teaching: 6.3/7

Fall 2012
- ITEC 200 (two sections), The Edge of Information Technology, undergraduate level, 69 students enrolled in two sections, 3 credit hours – student evaluation of teaching: 6.3/7, 6.2/7

Spring 2012
- ITEC 643, Project Management and Business Processes, MBA level, 21 students enrolled, 3 credit hours – student evaluation of teaching: 5.5/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 30 students enrolled, 3 credit hours – student evaluation of teaching: 5.9/7

Fall 2011

- ITEC 200, The Edge of Information Technology, undergraduate level, 35 students enrolled, 3 credit hours – student evaluation of teaching: 5.9/7

Spring 2011
- ITEC 643, Project Management and Business Processes, MBA level, 34 students enrolled, 3 credit hours – student evaluation of teaching: 5.7/7
- ITEC 350, Digital Leadership and Strategy, undergraduate level, 32 students enrolled, 3 credit hours – student evaluation of teaching: 6.3/7

Fall 2010
- ITEC 200, The Edge of Information Technology, undergraduate level, 35 students enrolled, 3 credit hours – student evaluation of teaching: 5.8/7

Spring 2010
- N/A (Sabbatical)

Fall 2009
- ITEC 200, The Edge of Information Technology, undergraduate level, 34 students enrolled, 3 credit hours – student evaluation of teaching: 6.0/7
- ITEC 350, Corporate Information Strategy and Management, undergraduate level, 10 students enrolled, 3 credit hours – student evaluation of teaching: 6.4/7

Spring 2009
- ITEC 643, Project Management and Business Processes, MBA level, 32 students enrolled, 3 credit hours – student evaluation of teaching: 5.8/7
- ITEC 350, Corporate Information Strategy and Management, undergraduate level, 22 students enrolled, 3 credit hours – student evaluation of teaching: 6.7/7

Fall 2008
- ITEC 200 (two sections), The Edge of Information Technology, undergraduate level, 68 students enrolled in two sections, 3 credit hours – student evaluation of teaching: 5.9/7, 5.6/7

Spring 2008
- ITEC 643, Consulting Project Management and Enterprise Processes/Systems, MBA level, 12 students enrolled, 3 credit hours – student evaluation of teaching: 6.4/7
- ITEC 350, Corporate Information Strategy and Management, undergraduate level, 28 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7

Fall 2007
- ITEC 643, Consulting Project Management and Enterprise Processes/Systems, MBA level, 10 students enrolled, 3 credit hours – student evaluation of teaching: 6.1/7
- ITEC 200, The Edge of Information Technology, undergraduate level, 35 students enrolled, 3 credit hours – student evaluation of teaching: 5.4/7

Spring 2007
- ITEC 643, Consulting Project Management and Enterprise Processes/Systems, MBA level, 12 students enrolled, 3 credit hours, – student evaluation of teaching: 6.3/7
- ITEC 350, Management Information Systems, undergraduate level, 11 students enrolled, 3 credit hours, – student evaluation of teaching: 6.4/7

Fall 2006
- ITEC 643, Consulting Project Management and Enterprise Processes/Systems, MBA level, 14 students enrolled, 3 credit hours – student evaluation of teaching: 5.9/7
- ITEC 200, The Edge of Information Technology, undergraduate level, 35 students enrolled, 3 credit hours – student evaluation of teaching: 5.9/7

Summer 2006
- ITEC 352, Introduction to Management Information Systems, undergraduate level, 19 students enrolled, 3 credit hours – student evaluation of teaching: 5.3/6

Spring 2006
- ITEC 644A, Project Management, MBA level, 21 students enrolled, 1.5 credit hours – student evaluation of teaching: 5.5/6
- ITEC 643B, Enterprise Process and Systems, MBA level, 19 students enrolled, 1.5 credit hours – student evaluation of teaching: 5.3/6
- ITEC 352, Introduction to Management Information Systems, undergraduate level, 35 students enrolled, 3 credit hours – student evaluation of teaching: 5.1/6

Fall 2006
- N/A (Teaching release)

Spring 2005
- ITEC 352 (two sections), Introduction to Management Information Systems, undergraduate level, 74 students enrolled for two sections, 3 credit hours – student evaluation of teaching: 5.0/ 6, 5.3/6

Fall 2004
- ITEC 352 (two sections), Introduction to Management Information Systems, undergraduate level, 69 students enrolled for two sections, 3 credit hours – student evaluation of teaching: 5.3/6, 5.1/6

Spring 2003
- ITEC 352 (two sections), Introduction to Management Information Systems, undergraduate level, 68 students enrolled for two sections, 3 credit hours – student evaluation of teaching: 5.3/6, 5.2/6

Fall 2003
- ITEC 352, Introduction to Management Information Systems, undergraduate level, 20 students enrolled, 3 credit hours – student evaluation of teaching: 5.1/6

University of Minnesota, Twin Cities
Summer 2002
- IDSc 6202, Management of Information Systems Development, MBA level, 18 students enrolled, 3 credit hours – student evaluation of teaching: 5.3 / 7

Spring 2001
- IDSc 3202, Analytical Skill for Business Application Development, undergraduate level, 18 students enrolled, 4 credit hours – student evaluation of teaching: 6.6 / 7 (I received a teaching award based on student evaluation for this class.)

Executive Education/Training

1. Program director and lecturer, *Creative Leadership in the Global, Digital Economy*, Korean Government Officials (20 participants), American University, October 2016
2. Program director and lecturer, *Emerging Technology and Innovation for Smart Government Program*, Korean Government Officials (20 participants), American University, October 2015
3. Program director and lecturer, *Government 3.0 and Open Data Program*, Korean Government Officials (24 participants), American University, November 2014

4. Ad-hoc lecturer, *Executive Leadership Program for Vietnam Ministry of Planning & Investment*, Key Leadership Institute, School of Public Administration, American University, October 2014
5. Ad-hoc lecturer, *Strategic Project Management Program*, MIP School of Management, Politecnico di Milano, May 2011
6. Ad-hoc lecturer, *ICT Policy Program*, School of Public Administration, Seoul National University, Korea
7. Ad-hoc lecturer, *Highest Policy Makers Program*, School of Public Administration, Seoul National University, Korea
8. Ad-hoc lecturer, *Engineering Project Management Program*, School of Engineering, Seoul National University, Korea

Service at American University

1. KSB Professorship (IB) Selection Committee, May 2018
2. Faculty fellow, The Internet Governance Lab, February 2018 - present
3. Commencement Student Speaker Selection Committee, Spring 2018
4. Korea Initiative (2017):
   a. organized and held information sessions for Kogod graduate programs in six Korean universities
   b. developed partnerships with four Korean universities (Seoul National University, Sungkyunkwan University, Hanyang University, and Korea University) for dual degree programs, 4+1 programs, and exchange programs
   c. organized an alumni dinner with Korean alumni of KSB in Seoul, Korea
   d. organized a dinner with Korean students who study abroad at AU to introduce KSB graduate programs to them
5. Focus group member, Airlie Academics Design Sprint and Brainstorming, October 2017
6. Faculty participant, Focus group on impact of faculty research, Kogod Advisory Council, April 2017 – present
7. Dean search committee, Summer 2015 – Spring 2016
8. Director of Operation, Kogod Cybersecurity Governance Center, Fall 2015 – Spring 2016
9. Chair, Regional Innovation faculty search committee, Summer 2015 – Spring 2016
10. Co-chair, Information Technology Executive Council (ITEC), August 2015 – June 2016
11. At-large member, Faculty Senate Executive Committee, September 2014 – Spring 2015
12. Faculty search committee, Department of Computer Science, August 2014 – Spring 2015
13. Program Director, Executive Training Programs for Korean Government Officials, 2014 - present
14. Graduate enrollment oversight committee, May 2013 – Fall 2015
15. University data librarian search committee, Spring 2013 - Summer 2013
16. Co-chair, Development of Plans for Kogod Center for Business Analytics, Fall 2012 -
17. Faculty Senator, Fall 2012 - Spring 2016
18. Director, Center for Information Technology and the Global Economy, July 2009 – September 2015
19. Faculty Advisory Board Member, American University Social Media Club, September 2010 – December 2015
20. Faculty advisor for the Korean Student Association, a student club of American University for September 2003 – December 2013
21. Rank and tenure committee (RTC), Fall 2011 – Spring 2012

22. University search committee (reserve), Summer 2011 – Spring 2012
23. Commencement student speaker selection committee, Spring 2011
24. Kogod School of Business Strategic Considerations Committee, 2010
25. Panel discussion participant, Junior Faculty Forum, Center for Teaching, Research, and Learning, American University, November 30, 2009
26. MBA Curriculum Task Force, Spring 2009 and Fall 2009
27. The Faculty Senate's Committee on Information Services, Spring 2009
28. Associate Director, Center for Information Technology and the Global Economy, Fall 2006 - June 2009
29. Coordinator for IT Consulting Career Track in the MBA Program, Spring 2007 - Fall 2007
30. Educational Policy Committee, Fall 2006 - Spring 2007
31. Academic Integrity Committee, Fall 2005, Spring 2006
32. Coordinator of the Information Technology Department's research seminar for Fall 2004 - 2008.
33. Faculty advisor for the Korean Bible Study club, a student club of American University for Fall 2004 - Fall 2007

External Service

NSF (National Science Foundation)
- Reviewer of a grant proposal in the Decision, Risk & Management Science program, March 2017
- Panelist for reviewing proposals for the program "CISE Pathways to Revitalized Undergraduate Computing Education (CPATH)," April 2007

MIPS (Maryland Industrial Partnership Program)
- Reviewer of a grant proposal in the area of digital health, June 2017

Editorial services
- Track co-chair, Information Systems Development and Project Management Track, International Conference on Information Systems, 2017 (managed 65 submissions and accepted 20 papers)
- Associate Editor, Special Issue entitled *Complexity and Information Systems Research in the Emerging Digital World,* MIS Quarterly, 2015 - 2017
- Guest Editor, Special Issue entitled *Leveraging the IS Organization for Business Value Creation*, Journal of Information Technology, 2012-2014
- Associate Editor, OCIS Division, Academy of Management Meeting, Vancouver, Canada, August 2015
- Associate Editor, Managing IS Projects and IS Development Track, International Conference on Information Systems, 2015
- Associate Editor, E-Business and E-Government Track, International Conference on Information Systems, 2015
- Associate Editor, Social Media and Digital Collaboration Track, International Conference on Information Systems, 2014
- Associate Editor, OCIS Division, Academy of Management Meeting, Philadelphia, PA, August 2014

- Associate Editor, OCIS Division, Academy of Management Meeting, Orlando, FL, August 2013
- Associate Editor, Digital and Social Networks Track, International Conference on Information Systems, 2012
- Associate Editor, Information Systems Development and Project Management Track, International Conference on Information Systems, 2011
- Associate Editor, Asian Pacific Journal of Information Systems, 2009 - present
- Associate Editor, Information Systems Development and Project Management Track, International Conference on Information Systems, 2009
- Associate Editor, OCIS Division, Academy of Management Meeting, Anaheim, CA August 2008
- Proceeding Editor, International Consortium for Electronic Business, Big Island, HI, September 2008

Elected professional service positions
- Executive member, International Affairs Division, Korean Society of Management Information Systems, 2012 - present
- Co-president, Korean Association of Information Systems (KrAIS), January 2011 – December 2012: KrAIS, a special interest group of AIS (Association of Information Systems), has more than 200 members
- Interim co-president, Korean Association of Information Systems (KrAIS), January 2010 – December 2010: KrAIS, a special interest group of AIS (Association of Information Systems), has more than 200 members
- Treasurer, ICKS (International Council on Korean Studies), December 2008 – January 2010

Reviewer for refereed journals including:
- MIS Quarterly
- Information Systems Research
- Management Science
- Journal of Management Information Systems
- Journal of Association of Information Systems
- Communications of the ACM
- European Journal of Information Systems
- Information Systems Journal
- MIS Quarterly Executive
- California Management Review
- IEEE Transaction on Engineering Management
- Journal of Strategic Information Systems
- IEEE Software
- Government Information Quarterly
- Communications of AIS
- Information Technology & People
- Asia Pacific Journal of Information Systems
- Electronic Markets – the International Journal
- Electronic Commerce Research and Applications

- Management Research News
- Journal of Information Technology and Architecture

Reviewer for refereed conferences including:
- ICIS 2001, 2002, 2005, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2016
- HICSS 2000, 2001, 2002, 2005, 2006, 2007, 2010
- Academy of Management Meeting 2007, 2008, 2013, 2016
- AMCIS 2002, 2015, 2016
- PACIS 2005, 2010, 2013, 2016
- Post-ICIS Workshop of KrAIS 2011, 2012, 2013
- IRMA 2003
- CaiSE/IFIP8.1 International Workshop on Evaluation of Modeling Methods in Systems Analysis and Design 2002
- Academy of International Business 1999

Conference services
- Panelist, The World Bank Forum on *Unlocking the Digital Transformation in the Public Sector*, Washington DC, March 15, 2018
- Principal co-chair, Digital Leadership Summit, International Conference on Information Systems, 2017
- Moderator, the panel on *Challenges, Opportunities, and Best Practices for Digital Leaders in the Fourth Industrial Revolution*, International Conference on Information Systems, 2017
- Track co-chair, Information Systems Development and Project Management Track, International Conference on Information Systems, 2017
- Panel organizer and panelist, "The AIS Grand Vision Project: What, Why, and How," Americas Conference on Information Systems, Puerto Rico, August 2015
- Discussant, Academy of Management Meeting, Philadelphia, PA, August 2014
- Moderator, Forum on *Ensuring National Information Security*, Inter-American Development Bank, Washington, D.C., November 22nd, 2013
- Panel speaker, AKMS Junior Faculty Consortium, Academy of Management, Orlando, FL, 2013
- Chair, Workshop on IT Management and Value Creation, Pacific Asia Conference on Information Systems, Jeju Island, Korea, 2013
- Co-chair, IT Project Management Track, Pacific Asia Conference on Information Systems, Jeju Island, Korea, 2013
- Co-chair, KrAIS/LG-CNS Post-ICIS Workshop, Orlando, FL, December 2012
- Paper session chair, KrAIS/LG-CNS Post-ICIS Workshop, Orlando, FL, December 2012
- Discussant, The Third Annual Workshop on Health IT and Economics, October 2012, Washington, DC
- Co-chair, KrAIS/LG-CNS Post-ICIS Workshop, Shanghai, China, December 2011
- Paper session chair, KrAIS/LG-CNS Post-ICIS Workshop, Shanghai, China, 2011
- Program committee, Agile 2011 Conference, Salt Lake City, UT, August 2011
- Co-chair, KrAIS/LG-CNS Post-ICIS Workshop, St. Louis, MO, December 2010
- Paper session chair, KrAIS/LG-CNS Post-ICIS Workshop, St. Louis, MO, 2010
- Program committee, Pacific Asia Conference on Information Systems, July 2010

- Discussant, Academy of Management Meeting, Anaheim, CA, August 2008
- Moderator, Academy of Management Meeting, Anaheim, CA, August 2008

Academic advising
- Post-doctoral fellow supervision, Sohyun Lee, 2017 - present
- Post-doctoral fellow supervision, Insoo Sohn, 2016
- Post-doctoral fellow supervision, Haejung Yun, 2015
- Doctoral dissertation committee member for Jane Park, School of Management, George Washington University, 2012
- Doctoral dissertation committee member for Kyung-min In, Engineering Management, George Washington University, 2006

Public/community services
- Board member, Washington Korean-American Forum, 2018 - present
- Global Leader Group Mentor, Korea Innovation Center, Ministry of Science, ICT, and Future Planning, Republic of Korea, 2014 - 2017
- Judge, Intellectual Property Competition, US-Korea Conference on Science, Technology, and Entrepreneurship, Korean-American Scientists and Engineers Association, 2014
- Scholarship Selection Committee Member, Ewha Womans University Greater Washington Area Alumni Association, 2014
- Kimbo Scholarship Selection Committee Member, Kimbo Foundation, 2011, 2012
- Board member, Korean American Sharing Movement (KASM), March 2009 – 2013
- Executive Director, Korean American Sharing Movement (KASM), March 2009 – February 2010

Professional Development Activities

1. Participation in IT Teaching Workshop, University of Maryland, 2013
2. Participation in Professional Development Workshops (PDWs) at Academy of Management Annual Meetings (2006 – 2015)
3. Participation in Ann Ferren Conference on Teaching, Research, and Learning (2007-2017)
4. Participation in American University Faculty Retreat (2009 – 2014)

Honors, Awards, and Recognitions

1. Research fellow, Kogod Cybersecurity Governance Center, May 2017 – April 2019
2. Best Presentation Award, Kim Chang Jun Academy, Korea, 2016
3. Kogod Achievement Award for Outstanding Research, American University, 2014
4. Ranked as the second most recommended author among 337 prominent business/public administration scholars and experts who published research with IBM Center for the Business of Government, September 2013
5. American University Green Teaching Certified, AY 2013-2014
6. Visiting Professorship Award, LUISS Guido Carli University, Rome, Italy, 2012
7. European Union Erasmus Mundus Award for Visiting Scholars, 2011
8. Kogod Achievement Award for Outstanding Research, American University, 2010
9. Listed in the Marquis Who's Who, September 2010

10. First Runner-up Best Paper Award from OCIS (Organizational Communication and Information Systems) Division at the Academy of Management, Philadelphia, Pennsylvania, August 2007
11. Kogod Achievement Award for Outstanding Research, American University, 2006
12. Listed in the Academic Keys Who's Who in Business Higher Education, 2005
13. Kogod Achievement Award for Outstanding Research, American University, 2005
14. UPS Scholar, 2004 – 2009
15. Kogod Endowed Fellow, 2004 – 2009
16. *Phi Kappa Phi* member, 2003 - present
17. Honorable mention, The Best Instructor in the MIS Major, University of Minnesota, 2002
18. ICIS Doctoral Consortium Fellow, 2001
19. Teaching Award, Carlson School of Management, University of Minnesota, August 2001
20. Juran Fellow Award, Juran Center for Leadership in Quality, 2001
21. Doctoral Dissertation Fellowship, Carlson School of Management, 2001

Research Grants

1. Korean Institute for International Economics Policy (KIEP), co-PI, $39,000 (my portion is $19,500), 2018, project title: *Artificial Intelligence and Offshoring of Service Jobs in APEC Economies*
2. Atlantic Council, PI, $2,000, 2017
3. U.S. Chamber of Commerce, PI, $15,000, 2016
4. IBM Center for the Business of Government, PI, $20,000, 2014
5. Kogod Research Grants, $9,980, 2013-2014
6. Kogod Small Research Grants, $2,500, 2012
7. IBM Center for the Business of Government, PI, $20,000, 2011
8. Center for IT and the Global Economy, American University, $3,000, 2011
9. IBM Center for the Business of Government, PI, $20,000, 2009
10. Kogod Research Grants, $12,000, 2009-2011
11. Center for IT and the Global Economy, American University, $2,000, 2005
12. Juran Center for Leadership in Quality, $5,000, 2001
13. Special Grant for Dissertation Research, University of Minnesota, $2,000, 2001
14. Minnesota CIO Consortium, $10,000, 1999-2003

Consulting and Advisory Engagement

1. Advisory committee member, research program on integrated knowledge-based system for power plant operation and maintenance ($1 million funded by Republic of Korea Ministry of Trade, Industry and Energy), 2017. 12 – 2018. 12
2. Advisory committee member, research program on development of smart plant technology for advancing AI-based operation and maintenance ($2 million funded by Republic of Korea Ministry of Land, Infrastructure and Transport), 2017. 12 – 2018. 9
3. Consulting engagement with the World Bank, 2016 - 2017
4. Advisory Fellow to Samsung Economic Research Institute (SERI), Korea, 2014 – 2017
5. Advisor to National Research Foundation, South Korea, 2015 - present
6. Advisor to Somansa (an information security company), Korea, September 2014 - 2015
7. Global Leader Group Mentor, Korea Innovation Center, Ministry of Science, ICT, and Future Planning, Republic of Korea, April 2014 - 2017

Professional Certification

- Certified Application Developer, SAP R3 Enterprise Resource Planning Software (Sales and Distribution Module), 1998