

Seungjae Shin, Ph.D.

Mississippi State University – Meridian, Division of Business, 2212 Fifth Street, Meridian, MS 39301
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[Current Position]

- [Professor of Business Information Systems and Supply Chain Management](#) (Tenured)
[Mississippi State University – Meridian](#)

[Dissertations]

1. Internet QoS Market Analysis with Peering and Usage-Sensitive Pricing:
A Game Theoretic and Simulation Approach (2003, University of Pittsburgh)
2. Effect of RFID Technology on Profitability, Productivity, and Efficiency in U.S. Retail Supply Chains: Financial Ratio
Analysis (2013, Mississippi State University, ISBN: 9781303581397)

[Employment]

1. Professor of Information Systems & Supply Chain Management
Mississippi State University- Meridian
Division of Business Aug. '15 – Current
Meridian, MS
2. Interim Associate Dean of Business
Mississippi State University – Meridian
Division of Business Aug. '10 – Apr. '12
Meridian, MS
3. Associate Professor of Information Systems with tenure
Mississippi State University- Meridian
Division of Business Aug. '09 – Jul. '15
Meridian, MS
4. Assistant Professor of Information Systems
Mississippi State University- Meridian
Division of Business and Industry Aug. '03 – Jul. '09
Meridian, MS
5. Graduate Teaching/Research Assistant
University of Pittsburgh
Telecommunications Program Sep. '00 – Apr. '03
Pittsburgh, PA
6. Research Staff
Korea Telecom
Telecommunications Management Research Lab Oct. '92 – Aug. '98
Seoul, Korea

[Education]

1. Ph.D. in Industrial & Systems Engineering
Mississippi State University
College of Engineering Jan. '08 – Dec. '13
Mississippi State, MS
2. Ph.D. in Information Sciences
University of Pittsburgh
School of Information Sciences Sep. '98 – Apr. '03
Pittsburgh, PA
3. Master of Business and Administration
University of Hawaii
College of Business (AACSB) Aug. '95 – Dec. '96
Honolulu, HI
4. Master of Science in Management Science
Korea Advanced Institute of Science and Technology
College of Business (AACSB) Mar. '89 – Feb. '91
Seoul, Korea
5. Bachelor of Economics
Seoul National University
School of Social Sciences
Dept. of Economics Mar. '84 – Feb. '88
Seoul, Korea

[Journal Papers]

1. Shin and Lee. (2016). A Comparative Study of Smartphone Addiction Drivers' Effect on Work Performance in the U.S. and Korea, *Journal of Applied Business Research*, Acceptance Notification.
2. Shin and Eksioglu. (2015). An Empirical Study of RFID Productivity in the U.S. Retail Supply Chain, *International Journal of Production Economics*, Vol. 163, pp. 89-96.
3. Tucci, Shin, and Benefield. (2015). Logistics Sustainability?: Long Term Technology Investments and Integration, *Journal of Management and Sustainability*, Vol. 5, No. 2, pp. 48-56.
4. Shin and Tucci. (2015). Wal-Mart's Dilemma in the 21st Century: Sales Growth Vs. Inventory Growth, *Journal of Applied Business Research*, Vol. 31, No. 1, pp. 37-45.
5. Shin, Ennis, and Spurlin. (2015). Effect of Inventory Management Efficiency on Profitability: Current Evidence from the U.S. Manufacturing Industry, *Journal of Economics and Economic Education Research*, Vol. 16, No. 1, pp. 98-106.
6. Shin and Lee. (2014). Effect of Technology Readiness and Technology Acceptance on NFC Mobile Payment Services in Korea, *Journal of Applied Business Research*, Vol. 30, No. 6, pp. 1615-1625.
7. Shin, Tucci, & Odom. (2014). Wal-Mart's Leadership in Retail Supply Chain, *Journal of Management Systems*, Vol 24. No. 3, pp. 21-30.
8. Shin, Lee, and Odom. (2014). A Comparative Study of Smartphone User's Perception and Preference toward Mobile Payment Methods in the U.S. and Korea, *Journal of Applied Business Research*, Vol. 30, No. 5, pp. 1365-1375.
9. Shin and Eksioglu. (2014). Effects of RFID Technology on Efficiency and Profitability in Retail Supply Chains, *Journal of Applied Business Research*, Vol. 30, No. 3, pp. 633-645.
10. Shin. (2013). A Modified Genetic Algorithm for the Flow-Shop Scheduling Problem, *Academy of Information and Management Sciences Journal*, Vol. 16, No. 1, pp. 7-14.
11. Shin and Odom. (2012). Wireless Meridian: Strategy & Analysis for Municipal Wireless Project, *Business Studies Journal*, Vol. 4, No.1, pp 25-33.
12. Shin and White. (2012). U.S. Mobile TV Adoption Strategy: Is It Consumer Choice?, *Academy of Information and Management Sciences Journals*, Vol. 15, No.1, pp 99-104.
13. Shin and Weiss. (2010). Analysis of Mobile Broadband Competition: 3G vs. WiFi, *International Journal of Mobile Communications*, Vol. 9, No. 4, pp 486-501.
14. Shin, and Tucci. (2009). A Study of E-government infrastructure through WIFI implementation: Strategic Pricing to recover costs, *International Journal of Electronic Government*, Vol. 6, No.3, pp 282-294.
15. Shin, et al. (2009). Authentication and Protection For E-Finance Consumers: The Dichotomy of Cost versus Ease of Use, *International Journal of Electronic Finance*, Vol. 3, No. 1, pp 31-45.
16. Ryoo, Oh, and Shin. (2009). A Comprehensive Readiness Assessment Framework for Identity Theft Safeguards in Web-based Electronic Government Systems, *International Journal of Electronic Government*, Vol. 6, No. 1, pp 19-40.
17. Shin and Tucci. (2007). Internet Industry Competition Dynamics: Peering Limitations, Exposure, and Counter Strategies, *Journal of International Technology and Information Management*, Vol. 16, No. 4, pp61-74.
18. Shin, Weiss, and Tucci. (2007). Rural Internet Access: Over-subscription Strategies, Regulation and Equilibrium, *Managerial and Decision Economics*, Vol.28, Issue 1, pp 1-12.
19. Shim, Shin, and Weiss. (2006). Digital Multimedia Broadcasting (DMB): Standards, Competition, and Regulation in South Korea, *Journal of Information Technology Theory and Application*, Vol. 8, No. 2, pp 69-81.
20. Shin et al. (2006). A Study of Internet Industry Structural Determinants with Interconnection Strategies, *INFO*, Vol. 8 No.1, pp 29-41.
21. Shin, et al. (2006). Internet Pricing: Best Effort Versus Quality of Service, *Academy of Information and Management Sciences Journals*, Vol 9, No. 2, pp 1-9.
22. Shin, et al. (2006). 2+2 Tier Banded Frameworks of Internconnectedness: Industry Structure Determinants, *Academy of Information and Management Sciences Journal*, Vol 9, No. 1, pp 1-15.
23. Shin, Weiss, and Correa. (2004). A Progressive Analysis of Internet Market: from BE to QoS, *Telecommunications Policy*, Vol. 28, Issues 5-6, pp 363-389.
24. Weiss and Shin. (2004). Internet Interconnection Economic Model and its Analysis: Peering and Settlement, *Nemomics*, Vol. 6, Issue 1, pp 43-57.

[Conference Proceeding Papers / Presentations]

1. Shin and Lee. (2015). "The Effects of Smartphone Addiction Drivers on Work Performance," Proceedings of the 21th Americas Conference on Information Systems, Aug. 13-15, 2015, Puerto Rico.
2. Shin, Lee, and Odom. (2014). "Comparative Study of User's Perception of Mobile Payment: U.S. and Korea," Proceedings of the 45th Decision Science Institute Annual Conference, Nov. 22-25, 2014, Tampa, FL.
3. Shin, (2014). "Wal-Mart's Dilemma: Sales Growth vs. Inventory Growth," 2014 INFORMS Annual Conference, Nov. 9-12, 2014, San Francisco, CA.
4. Shin and Eksioglu, (2014). "RFID Adoption and Productivity Growth in U.S. Retail Supply Chains," Proceedings of the 20th Americas Conference on Information Systems, Aug. 7-9, 2014, Savannah, GA.
5. Shin and Lee, (2014). "Technology Readiness and Technology Acceptance for NFC Mobile Payment Services in Korea," INFORMS Society for Marketing Science Conference, June 12-14, 2014, Atlanta, GA.
6. Shin and Ennis, (2013). "A Study of Relationship between Inventory Management Efficiency and Profitability: U.S. Manufacturing Industry," Proceedings of the 44th Decision Science Institute Annual Conference, Nov. 16-19, 2013, Baltimore, MA.
7. Shin and Eksioglu, (2013). "Effect of RFID Technology on Profitability and Efficiency in Retail Supply Chain," Proceedings of the 19th Americas Conference on Information Systems, Aug. 15-17, 2013, Chicago, IL.
8. Shin, Ennis, and Odom, (2012). "A Study of Inventory Management Efficiency and Firm's Profitability," Proceedings of the 43rd Decision Science Institute Annual Conference, Nov. 17-20, 2012, San Francisco, CA.
9. Shin, (2010). "A Game Theoretic Supply Chain Model with Two Retailers of Different Supply Chain Strategies," The 41st Decision Science Institute Annual Conference, Nov. 20-23, 2010, San Diego, CA. (Abstract only)
10. Shin, (2009). "A Modified Genetic Algorithm for the Flow-Shop Scheduling Problem", The 40th Decision Science Institute Annual Conference, Nov. 14-17, 2009, New Orleans, LA.
11. Shin and Tucci, (2009). "Lesson from WiFi Municipal Wireless Network", The 15th Americas Conference on Information Systems, Aug. 6-9, 2009, San Francisco, CA.
12. Shin, Cunningham, Ryoo, and Tucci, (2008). "A Study of Two-Factor Authentication against online Identity Theft," The 39th Decision Science Institute Annual Conference, Nov. 22-25, 2008, Baltimore, MA.
13. Shin, et al., (2007). "Municipal Wireless: Pricing Strategy Review," The 38th Decision Science Institute Annual Conference, Nov. 17-20, 2007, Phoenix, AZ.
14. Ryoo, Oh, and Shin, (2007). "An Analysis of Identity Theft Safeguards in the U.S. e-Government Systems, The 35th Research Conference on Communication, Information and internet Policy, Sep. 28-30, 2007, Arlington, VA.
15. Shin, Shim, and Weiss, (2007). "Analysis of Digital Multimedia Broadcasting Industry using Value Chain and Game Models," The 13th Americas Conference on Information Systems, Aug. 9-12, 2007, Keystone, CO.
16. Shim, Shin, and Weiss, (2007). "Wireless Internet Competition: Municipal Wireless Vs. 3G Mobile Service," The 2007 Wireless Telecommunications Symposium, Apr. 26-28, 2007, Pomona, CA.
17. Shin, Tucci, and Glaser-Segura, (2005). "A Game Theoretic Analysis of Competing Strategies in the Internet Industry: Will Regulation Be Necessary?" The 36th Decision Science Institute Annual Conference, Nov. 19-22, 2005, San Francisco, CA.
18. Shin and Weiss, (2005). "Optimal Pricing for Broadband Wireless Internet Access Service," The 2005 Wireless Telecommunications Symposium, Apr. 28-30, 2005, Pomona, CA.
19. Shin and Weiss, (2003). "Simulation Analysis of QoS Enabled Internet Pricing Strategies: Flat Rate Vs. Two-Part Tariff," Hawaii International Conference on System Science HICSS-36), Jan. 6-9, 2003, Big Island, HI.
20. Shin and Weiss, (2002). "Simulation Approach for Internet QoS Market Analysis", Research Conference on Communication, Information and Internet Policy TPRC-30, Sep. 28-30, 2002, Alexandria, Virginia.
21. Shin et al., (1998). "Case Study: How to Make Telecom Pricing Strategy Using Data Warehouse Approach", Hawaii International Conference on System Science (HICSS-31), Jan. 6-9, 1998, Big Island, HI.

[Book Chapter]

1. Weiss and Shin, "Internet Interconnection Economic Model and its Analysis: Peering and Settlement," in Communication Systems: The State of the Art edited by Lyman Chapin, pp 215-232, Kluwer Academic Publishing

[List of Award]

1. Distinguished Research Award, Academy of Information and Management Science, 2011 Allied Academy Fall International Conference
2. Outstanding Teacher in the Division of Business and Industry for 2009
3. Outstanding Researcher in the Division of Business and Industry for 2008
4. Distinguished Research Award, Academy of Information and Management Science, 2004 Allied Academy Summer International Conference
5. Distinguished Research Award, Academy of Information and Management Science, 2004 Allied Academy Spring International Conference

[Membership of Academic Association]

1. Decision Sciences Institute (DSI)
2. Association for Information systems (AIS)
3. INFORMS

[List of Courses Taught]

- **Graduate Courses**
 - BIS 8112 Management Information Technology and Systems (MBA, E-MBA, Online)
 - BIS 8122 Multimedia Communications (MBA, Online)
- **Undergraduate Courses**
 - BIS 4990 Wireless Internet and M-Commerce
 - BIS 4753 Structured System Analysis and Design
 - BIS 4763 Senior Seminar
 - BIS 4523 Advance Language II
 - BIS 4513 Local Area Network
 - BIS 4113 BIS Security Management
 - BIS 3753 Business Database Systems
 - BIS 3523 Advanced Language I
 - BIS 3713 Intro. Electronic Inf. Systems
 - BIS 3233 Intro. Management Information Systems
 - FIN 3123 Financial Management
 - MKT 3233 International Logistics
 - MKT 4033 International Transportation
 - MKT 4333 International Supply Chain Management

[List of Journal Editorial Board Member]

- International Journal on Advances in Information Sciences and Service Sciences (AISS)
- Journal of Convergence Information Technology (JCIT)
- Journal of Communications and Information Sciences (JCIS)
- International Journal of Engineering and Industry (IJEI)