

Seungjae Shin, Ph.D.

*Mississippi State University, School of Health Professions, Department of Healthcare Administration,
2212 Fifth Street, Meridian, MS 39301 sshin@meridian.msstate.edu, (601) 484-0160*

[Current Position]

- Professor of Health Information Systems and Supply Chain Management (Tenured)

[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 Health Inf. Sys & Supply Chain Management
Mississippi State University
School of Health Professions
Department of Healthcare Administration | Aug. '23 – Current
Meridian, MS |
| 2. Professor of Information Systems & Supply Chain Management
Mississippi State University- Meridian
Division of Business | Aug. '15 – Jul. '23
Meridian, MS |
| 3. Interim Division Head
Mississippi State University – Meridian
Division of Business | Aug. '10 – Apr. '12
Meridian, MS |
| 4. 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. Master of General Engineering
Mississippi State University
College of Engineering | Jun. '23 – Dec. '24
Mississippi State, MS |
| 2. Master of Science in Civil Engineering (Transportation)
Mississippi State University
College of Engineering | Jun. '20 – May '23
Mississippi State, MS |
| 3. Master of Professional Accountancy
Mississippi State University
School of Accountancy | Aug. '17 – Dec. '18
Mississippi State, MS |
| 4. Ph.D. in Industrial & Systems Engineering
Mississippi State University
College of Engineering | Jan. '08 – Dec. '13
Mississippi State, MS |
| 5. Ph.D. in Information Sciences
University of Pittsburgh
School of Information Sciences | Sep. '98 – Apr. '03
Pittsburgh, PA |
| 6. Master of Business and Administration
University of Hawaii | Aug. '95 – Dec. '96
Honolulu, HI |

- | | | |
|----|--|-------------------------------------|
| | College of Business | |
| 7. | Master of Science in Management Science
Korea Advanced Institute of Science and Technology
College of Business | Mar. '89 – Feb. '91
Seoul, Korea |
| 8. | Bachelor of Economics
Seoul National University
School of Social Sciences | Mar. '84 – Feb. '88
Seoul, Korea |

[Journal Papers]

1. Shin. (2024). A re-examination of four decades' deregulation effect on competition and productivity of the US freight rail transportation industry, *Journal of International Trade and Logistics*, 22 (1), pp. 22-38.
2. Shin and Ennis. (2021). Data Analytics in Accounting: Visualizing Corporate Income Inequality, *AIS Educator Journal*, 16 (1), 19-39.
3. Shin and Lee. (2021). Factors Affecting User Acceptance for NFC Mobile Wallets in the U.S. and Korea, *Innovation and Management Review*, vol. 18, No. 4, pp. 417-433.
4. Faello, Jain, and Shin (2020). Do Economic Performance Indicators Support Firms' Claiming a Goodwill Impairment Loss During a Prosperous Year?, *Journal of Applied Business and Economics*, 22 (7), 53-67.
5. Lee and Shin (2019). An Empirical Study of Consumer Adoption of Internet of Things (IoT) Services, *International Journal of Engineering and Technology Innovation*, 9 (1), 1-11.
6. Faello, Qu, Jain, Pomare, and Shin. (2018). Income Inequality: Does Corporate Income Inequality Parallel Individual Income Inequality?, *Journal of Accounting and Finance*, 18 (9), 39-78.
7. Lee and Shin. (2018). Effect of Product Smartness on Satisfaction: Focused on the Perceived Characteristics of Smartphone, *Journal of Theoretical and Applied Electronic Commerce Research*, 13(2), 1-14.
8. Lee and Shin. (2016). A Comparative Study of Smartphone Addiction Drivers' Effect on Work Performance in the U.S. and Korea, *Journal of Applied Business Research*, 32 (2), 507-516.
9. Shin and Eksioglu. (2015). An Empirical Study of RFID Productivity in the U.S. Retail Supply Chain, *International Journal of Production Economics*, Vol. 163, 89-96.
10. Tucci, Shin, and Benefield. (2015). Logistics Sustainability?: Long Term Technology Investments and Integration, *Journal of Management and Sustainability*, 5 (2), 48-56.
11. Shin and Tucci. (2015). Wal-Mart's Dilemma in the 21st Century: Sales Growth Vs. Inventory Growth, *Journal of Applied Business Research*, 31 (1), 37-45.
12. 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*, 16 (1), 98-106.
13. Shin and Lee. (2014). Effect of Technology Readiness and Technology Acceptance on NFC Mobile Payment Services in Korea, *Journal of Applied Business Research*, 30 (6), 1615-1625.
14. Shin, Tucci, & Odom. (2014). Wal-Mart's Leadership in Retail Supply Chain, *Journal of Management Systems*, 24 (3), 21-30.
15. 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*, 30 (5), 1365-1375.
16. Shin and Eksioglu. (2014). Effects of RFID Technology on Efficiency and Profitability in Retail Supply Chains, *Journal of Applied Business Research*, 30 (3), 633-645.
17. Shin. (2013). A Modified Genetic Algorithm for the Flow-Shop Scheduling Problem, *Academy of Information and Management Sciences Journal*, 16 (1), 7-14.
18. Shin and Odom. (2012). Wireless Meridian: Strategy & Analysis for Municipal Wireless Project, *Business Studies Journal*, 4 (1), 25-33.
19. Shin and White. (2012). U.S. Mobile TV Adoption Strategy: Is It Consumer Choice?, *Academy of Information and Management Sciences Journals*, 15 (1), 99-104.
20. Shin and Weiss. (2010). Analysis of Mobile Broadband Competition: 3G vs. WiFi, *International Journal of Mobile Communications*, 9 (4), 486-501.
21. Shin and Tucci. (2009). A Study of E-government infrastructure through WiFi implementation: Strategic Pricing to recover costs, *International Journal of Electronic Government*, 6 (3), 282-294.
22. Shin, et al. (2009). Authentication and Protection For E-Finance Consumers: The Dichotomy of Cost versus Ease of Use, *International Journal of Electronic Finance*, 3 (1), 31-45.

23. 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*, 6 (1), 19-40.
24. Shin and Tucci. (2007). Internet Industry Competition Dynamics: Peering Limitations, Exposure, and Counter Strategies, *Journal of International Technology and Information Management*, 16 (4), 61-74.
25. Shin, Weiss, and Tucci. (2007). Rural Internet Access: Over-subscription Strategies, Regulation and Equilibrium, *Managerial and Decision Economics*, 28 (1), 1-12.
26. Shim, Shin, and Weiss. (2006). Digital Multimedia Broadcasting (DMB): Standards, Competition, and Regulation in South Korea, *Journal of Information Technology Theory and Application*, 8 (2), 69-81.
27. Shin et al. (2006). A Study of Internet Industry Structural Determinants with Interconnection Strategies, *INFO*, 8 (1), 29-41.
28. Shin, et al. (2006). Internet Pricing: Best Effort Versus Quality of Service, *Academy of Information and Management Sciences Journals*, 9 (2), 1-9.
29. Shin, et al. (2006). 2+2 Tier Banded Frameworks of Internconnectedness: Industry Structure Determinants, *Academy of Information and Management Sciences Journal*, 9 (1), 1-15.
30. Shin, Weiss, and Correa. (2004). A Progressive Analysis of Internet Market: from BE to QoS, *Telecommunications Policy*, 28 (5-6), 363-389.
31. Weiss and Shin. (2004). Internet Interconnection Economic Model and its Analysis: Peering and Settlement, *Netnomics*, 6 (1), 43-57.

[Conference Proceeding Papers / Presentations]

1. Shin (2024). A Study of Factors Influencing Patients' Acceptance to Use Mobile Health application in the Post COVID-19, **Decision Science Institute Annual Conference**, Nov. 23-25, 2024, Phoenix, AZ.
2. Shin. (2024). "A Study of Productivity of the U.S. Healthcare Industry During Pandemic Period", **International Conference on Health Information Technology and Future Prospects**, Sep. 12-13, 2024, Seoul, Korea
3. Shin & Lee. (2023). "Telemedicine using Mobile Healthcare Apps", **Decision Science Institute Annual Conference**, Nov. 18-20, 2023, Atlanta, GA.
4. Shin, Qu, & Shin. (2023). "Factor affecting user acceptance for NFC Mobile digital Wallets," **American Marketing Association** summer 2023 Conference, Aug. 4-6, San Francisco, CA.
5. Shin. (2023). "Effect of Covid-19 Pandemic on Productivity of the U.S. healthcare Industry", **Informa Healthcare Conference**, July 26-28, 2023, Toronto, Canada.
6. Shin. (2022). "40 Year's Effect of Deregulation on the U.S. Freight Transportation Industry," **Decision Science Institute Annual Conference**, Nov 19-21, 2022, Houston, TX.
7. Shin & Ennis. (2019). "Big Data Analytics in Auditing: A Student Project of Investigating University Procurement Card (P-Card) Activities," **AAA Annual Meeting, Conference on Teaching and Learning in Accounting (CTLA)**, Aug. 10-11, 2019, San Francisco, CA.
8. Shin & Ennis. (2018). "Data Analytics in Accounting: From Reality to Classroom Exercise," **AAA Annual Meeting, Conference on Teaching and Learning in Accounting (CTLA)**, Aug. 3-4, 2018, Washington, D.C.
9. Shin & Lee. (2017). "A Study for Mobile Payment System: Adoption of Mobile Digital Wallets," **Decision Science Institute Annual Conference**, Nov. 18-20, 2017, Washington D.C.
10. Faello & Shin. (2017). "Managerial Motivation for Claiming a Goodwill Impairment Loss During a Period of Economic Prosperity," **Canadian Academic Accounting Association (CAAA) Annual Conference**, June 1-3, 2017, Montreal, Quebec, Canada.
11. Shin & Ennis. (2016). "Analysis of Audit Opinions for Bankrupt Companies Using Excel, Access, and R," **AIS Educator 2016 Conference**, June 24-26, 2016, Colorado Spring, CO.
12. Lee and Shin. (2016). An Empirical Study of Consumer Adoption of IoT Service, Proceedings of the 22nd **Americas Conference on Information Systems**, Aug. 11-13, 2016, San Diego, CA.
13. 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.
14. 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.
15. Shin, (2014). "Wal-Mart's Dilemma: Sales Growth vs. Inventory Growth," 2014 **INFORMS Annual Conference**, Nov. 9-12, 2014, San Francisco, CA.

16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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)
22. 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.
23. Shin and Tucci, (2009). "Lesson from WiFi Municipal Wireless Network", The 15th **Americas Conference on Information Systems**, Aug. 6-9, 2009, San Francisco, CA.
24. 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.
25. Shin, et al., (2007). "Municipal Wireless: Pricing Strategy Review," The 38th **Decision Science Institute Annual Conference**, Nov. 17-20, 2007, Phoenix, AZ.
26. 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.
27. 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.
28. 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.
29. 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.
30. Shin and Weiss, (2005). "Optimal Pricing for Broadband Wireless Internet Access Service," The 2005 **Wireless Telecommunications Symposium**, Apr. 28-30, 2005, Pomona, CA.
31. 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.
32. 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.
33. 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, (2002). "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. Competitive Summer Research Grants, 2021, (Mississippi State University, Division of Business, \$10,000)
2. Competitive Summer Research Grants, 2019, (Mississippi State University, Division of Business, \$15,000, with Kevin Ennis)

3. Competitive Summer Research Grants, 2018, (Mississippi State University, Division of Business, \$15,000)
4. Competitive Summer Research Grants, 2016, (Mississippi State University, College of Business, \$10,000)
5. Outstanding Teacher in the Division of Business and Industry for 2009
6. Outstanding Researcher in the Division of Business and Industry for 2008

[Membership of Academic Association]

1. Decision Sciences Institute (DSI)

[List of Courses Taught (2003 ~2013)]

- **Graduate Business Information Systems Courses**
 - BIS 8112 Management Information Technology and Systems (E-MBA)
 - BIS 8122 Multimedia Communications (E-MBA)
- **Undergraduate Business Information Systems 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 Electronic Information Systems
 - BIS 3233 Management Information Systems

[List of Courses Taught (2014 ~ 2023)]

- **Graduate Business Courses**
 - BIS 8113 Management Information Technology and Systems (P-MBA)
 - MKT 8213 Supply Chain and Operation Management (P-MBA, O-MBA)
- **Undergraduate Supply Chain Management Courses**
 - MKT 3323 International Logistics
 - MKT 4033 International Transportation
 - MKT 4313/6313 Physical Distribution Management
 - MKT 4333 International Supply Chain Management
- **Undergraduate Accounting Information Systems Course**
 - ACC 3053 Acct Systems II

[List of Courses Taught (2023 ~ Current)]

- **Undergraduate Healthcare Administration Courses**
 - HCA 3103 Health Information Systems
 - HCA 3133 Healthcare Logistics and Supply Chain
 - HCA 4103 Quality Management & Process Improvement in Healthcare
 - HCA 4123 Introduction to Health Informatics
- **Undergraduate Business Courses**
 - MKT 3323 International Logistics
 - BIS 3323 Management Information Systems