

# Seongkyoon Jeong

Assistant Professor, CSX Corporation Scholar,  
Department of Supply Chain Management  
Haslam College of Business  
University of Tennessee, Knoxville

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## ACADEMIC POSITION

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Assistant Professor of Supply Chain Management, Haslam College of Business, *University of Tennessee, Knoxville*, 2022–Present

CSX Corporation Scholar, 2023–present

## EDUCATION

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Ph.D. in Supply Chain Management, W.P. Carey School of Business, *Arizona State University*, 2017–2022

Dissertation: “Management of Digital Supply Chains”

Committee: Thomas Choi (chair), Adegoke Oke, and Kevin Dooley

M.S. in Management, Scheller College of Business, *Georgia Institute of Technology*, 2014–2016

M.S. in Technology Management, Economics and Policy, *Seoul National University*, 2007–2009

B.S. in Naval Architecture and Ocean Engineering, *Seoul National University*, 2002–2007

## RESEARCH

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### RESEARCH INTERESTS

My research examines how knowledge and innovation are developed, adopted, leveraged, and organized in operations and supply chain management. Major application areas of my research comprise digital supply chain, cybersecurity, and sustainable operations.

### ACADEMIC JOURNAL PUBLICATIONS (\* EQUAL CONTRIBUTION):

Lee, J., Lee, M., **Jeong, S.**, Lee, B., & Park, M. (2024)\*. Responding to epidemic-driven demand: Roles of supply and sales channels. *International Journal of Production Research*. 62(5), 1879-1900.

Lee, J., **Jeong, S.**, Jung, H. (2023), Interfirm knowledge sharing for energy efficiency. *Production and Operations Management*. 32(8), 2510-2528.

**Jeong, S.**, Rogers, Z., & Washispack S. (2023). Writing to advance knowledge: The impact of readability on knowledge diffusion in OSCM. *Decision Sciences*, 54(3), 297-314.

**Jeong, S.**, Oke, A., & Choi, T. (2022). Opportunistic innovation in the age of digital service. *Journal of Operations Management*, 68(4), 328–352.

**Jeong, S.**, & Lee, J. (2022). Environment and energy? The impact of environmental management systems on energy efficiency. *Manufacturing & Service Operations Management*, 24(3), 1261–1885.

Handfield, R., **Jeong, S.**, & Choi, T. (2019). Emerging procurement technology: data analytics and cognitive analytics. *International Journal of Physical Distribution & Logistics Management*, 49(10), 972–1002.

#### PRE-DOCTORAL PROGRAM ACADEMIC JOURNAL PUBLICATIONS:

Choi, J., **Jeong, S.** & Jung, J. (2018). Evolution of technology convergence networks in Korea: characteristics of temporal changes in R&D according to institution type. *PLOS One*, 13(2), e0192195

**Jeong, S.**, & Lee, S. (2015). Strategic timing of academic commercialism: Evidence from technology transfer. *Journal of Technology Transfer*, 40(6), 910–931.

**Jeong, S.**, & Choi, J. (2015). Collaborative research for academic knowledge creation: How team characteristics, motivation, and processes influence research impact. *Science and Public Policy*, 42(4), 460–473.

**Jeong, S.**, & Lee, S. (2015). What drives technology convergence? Exploring the influence of technological and resource distribution contexts. *Journal of Engineering and Technology Management*, 36, 78–96.

**Jeong, S.**, Kim, J. & Choi, J. (2015). Technology convergence: What developmental stage are we in? *Scientometrics*, 104(3), 841–871.

Park, J., **Jeong, S.**, Yoon, Y., & Lee, H. (2015). The evolving role of collaboration in developing scientific capability: Evidence from Korean government-supported research institutes, *Science and Public Policy*, 42(2), 255–272.

Choi, J. Y., **Jeong, S.**, & Kim, K. (2015). Analysis of diffusion pattern of convergence innovation for sustainable technological growth in Korea, *Sustainability*, 7(9), 11546–11569.

**Jeong, S.** (2014). Strategic collaboration of R&D entities for technology convergence: Exploring organizational differences within the Triple Helix. *Journal of Management & Organization*, 20(2), 227 – 249.

**Jeong, S.**, Choi, J., & Kim, J. (2014). On the drivers of international collaboration: The impact of informal communication, motivation, and research resources. *Science and Public Policy*, 41(4), 520–531.

**Jeong, S.**, Lee, S., & Kim, Y. (2013). Licensing versus selling in transactions for exploiting patented technological knowledge assets in the markets for technology. *Journal of Technology Transfer*, 38(3), 251–272.

Kwak, K., **Jeong, S.**, & Jo, H. (2013). An exploratory study on the role of government research institute in open innovation of capital goods: Focusing on the general machinery industry, *Asian Pacific Journal of Small Business*, 35(3), 1–24.

**Jeong, S.**, & Choi, J. Y. (2012). The taxonomy of research collaboration in science and technology: Evidence from mechanical research through probabilistic clustering analysis. *Scientometrics*, 91(3), 719–735.

**Jeong, S.**, Choi, J. Y., & Kim, J. (2011). The determinants of research collaboration modes: Exploring the effects of research and researcher characteristics on co-authorship. *Scientometrics*, 89(3), 967–983.

#### PRACTITIONER JOURNAL ARTICLES, BOOK CHAPTERS, AND OTHER PUBLICATIONS:

Rogers, Z., Choi, T., **Jeong, S.** (2021). Rethinking cybersecurity: Hidden vulnerabilities in the supply chain. *Supply Chain Management Review*, July-August, 32–37.

Handfield, R., & **Jeong, S.** (2020). Organizational and temporal shifts in procurement analytics: Implications for research In Choi et al. (Ed.) *The Oxford Handbook of Supply Chain Management*, Oxford, UK: Oxford University Press.

**Jeong, S.**, Washispack, S., Chen, X., Hatton, M., Chao, W. (2020). *ASU Operations Management Review* (Vol. 1).

## **MEDIA COVERAGE:**

Onshoring semiconductor manufacturers to the US is risky. Here's how to protect yourself. *Manufacturing Drive*, 2023

The art of making partners. *Revista Pesquisa Fapesp*, 2012

## **INVITED PRESENTATIONS:**

Michigan State University, University College Dublin, University of San Diego, University of Tennessee Knoxville, Washington State University, Korea Institute of Science & Technology Evaluation and Planning, Korea Advanced Institute of Science & Technology, Seoul National University, Kyung Hee University

## **AWARDS AND FELLOWSHIPS**

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### **AWARDS AND GRANTS:**

Faculty Research Assistants Funding Award (\$2250), *University of Tennessee, Knoxville*, 2024

Honorable Mention, Best Reviewer Service Award, *Journal of Operations Management*, 2024

Honorable Mention, Jack Meredith Best Paper Award, *Journal of Operations Management*, 2023

Outstanding Research Award (\$750), Graduate and Professional Student Association, *Arizona State University*, 2022

Honorarium (\$150), *Oxford University Press*, 2020

Block Grant (\$1,850), Graduate College, *Arizona State University*, 2020

Individual Travel Grant (\$950), Graduate and Professional Student Association, *Arizona State University*, 2019

Excellence Award (\$2,000), Best Student Paper and Case Competition, *Korea Management Association Consulting*, 2018

Second place (\$1,000), Graduate Student Poster Contest, Institute for Social Science Research, *Arizona State University*, 2018

Director of the Korean Intellectual Property Office Award (\$1,000), Intellectual Property Paper Competition for Graduates, *Korean Intellectual Property Office*, 2016

Honorarium, Fourth Annual Research Roundtable on Technology Standards, *Northwestern University*, 2015

Best Research Project of the Year (\$1,000), *Korea Institute for Industrial Economics and Trade*, 2013

Finalist, Rookie of the Year, *Korea Institute of Machinery and Materials*, 2013

Grand Prize, Korea Inno-Skill Competition, *Korea Management Association Consultants*, 2010

### **FELLOWSHIPS:**

University Graduate Fellowship (\$5,000), *Arizona State University*, 2017

2017 STEPI Fellowship (\$3,000), *Science and Technology Policy Institute*, 2016

Undergraduate Scholarship (\$2,000), *Sorabol Educational Foundation*, 2002

## **TEACHING EXPERIENCE**

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### **UNIVERSITY OF TENNESSEE, KNOXVILLE**

Global Strategic and Sustainable Sourcing (SCM 421), Fall 2023, Fall 2024

Supply Chain Planning and Financial Analysis (SCM 422), Fall 2022, Fall 2023, Fall 2024

#### **ARIZONA STATE UNIVERSITY**

Procurement of Services (SCM 354), On-line, Spring 2021, Fall 2021, Spring 2022

Global Supply Operations (SCM 300), Hybrid, Spring 2020

#### **WORK EXPERIENCE**

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Research Associate, Scheller College of Business, *Georgia Institute of Technology*, 2016–2017

Senior Researcher, Department of Management Strategy, *Korea Institute of Machinery and Materials*, 2009–2014

#### **SERVICE**

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##### **ACADEMIC SERVICES**

Advisory Board Member, Center for Cybercrime Investigation and Cybersecurity, *Boston University*, 2023-present

Editorial Review Board, *Journal of Operations Management*, 2023-present

Editorial Review Board, *Journal of Supply Chain Management*, 2022-present

Grant Reviewer, Graduate and Professional Student Association, *Arizona State University*, 2018-2020

Ad-hoc Reviewer: *Journal of Operations Management*, *Journal of Supply Chain Management*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *Research Policy*

Track Chair: DSI 2024

Session Chair: INFORMS 2018, DSI 2019, POMS 2021

Discussant and Panelist: DSI 2020, PhD@WPCarey 2022, CSCMP 2022, Logistics Doctoral Symposium 2024

Program Committee Member: CIST 2023

##### **SERVICE TO THE DEPARTMENT, COLLEGE, AND UNIVERSITY**

Faculty Advisor, The Asian Business Club, *University of Tennessee, Knoxville*, 2023-present.

Digital Faculty Consultants for Technology Enhanced Education, Haslam College of Business, *University of Tennessee, Knoxville*, 2023-present

Responsible Conduct of Research (RCR) Ambassador, *University of Tennessee, Knoxville*, 2023-2025

New Faculty Orientation Discussant, *University of Tennessee, Knoxville*, 2023

Scholars of Distinction Committee, *University of Tennessee, Knoxville*, 2022-present

Content Manager, Complex Adaptive Supply Networks Research Accelerator, *Arizona State University*, 2017–2021

##### **SERVICE TO EXTERNAL ORGANIZATIONS**

Research consultancy: *World Bank*, *Korea Energy Economics Institute*, *Korea Institute of Science & Technology Evaluation and Planning*

## **PROFESSIONAL MEMBERSHIPS**

Decision Sciences Institute (DSI), Institute of Operations Research and Management Science (INFORMS), Production and Operations Management Society (POMS), Complex Adaptive Supply Networks Research Accelerator (CASN-RA)

## **SKILLS**

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Programming: STATA, Python, R, M-Plus, SAS, MATLAB, Mathematica, PHP, SQL

*Last update: July 17th, 2024*