# YEONGIN KIM

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## ACADEMIC EMPLOYMENT

Assistant Professor                                         July 2024 - Present
Business Analytics Area, Wake Forest School of Business
Wake Forest University

Assistant Professor                                         August 2018 - May 2024
Department of Information Systems, VCU School of Business
Virginia Commonwealth University, Richmond, VA

## EDUCATION

University of Texas at Dallas, Richardson, TX               August 2013 - August 2018
Ph.D. Management Science with Information Systems concentration
Advisors: Dr. Srinivasan Raghunathan and Dr. Mehmet Ayvaci

Texas A&M University, College Station, TX                   August 2011 - May 2013
M.S. Industrial & Systems Engineering

Inha University, Incheon, South Korea                       February 2002 - February 2007
B.S. Industrial Engineering

## RESEARCH INTERESTS

- **Domains:** Healthcare IT, Digital Platform, Artificial Intelligence
- **Methodologies:** Game Theory, Econometrics, Applied Machine Learning & Optimization

## PUBLISHED OR ACCEPTED JOURNAL PAPERS (*: Student Co-Author)

**Business Journals**
FT50: premier, HQ: high-quality (School of Business Journal List).

1. Hyejin Mun*, Yeongin Kim, Yasin Ceran, Chulho Lee, "Entrepreneurial emotional bias from mass shootings: Evidence from Kickstarter." *Information & Management* (2024): 104009. [**HQ**]

2. Woojin Yang*, Yeongin Kim, Taehun Kim, Yasin Ceran, Chulho Lee, "From Whales to Minnows: The Impact of Crypto-Reward Fairness on User Engagement in Social Media." *Decision Support Systems* (2024), 114289. [**HQ**]

3.  Geng Sun, Yeongin Kim, Yinliang (Ricky) Tan, Geoffrey G. Parker (2023) Dinner at Your Doorstep: Service Innovation via the Gig Economy on Food Delivery Platforms. *Information Systems Research* 35(3):1216-1234. [**FT50**]
    • Highlighted in *VCU News, Jan 16, 2024.*

4.  Yeongin Kim, Mehmet U.S. Ayvaci, Srinivasan Raghunathan, Turgay Ayer, "When IT Creates Legal Vulnerability: Not Just Overutilization but Underprovisioning of Health Care Could be a Consequence." *MIS Quarterly* (2022), 46(3), 1483-1550. [**FT50**]
    • *Winner, Best Paper Competition at INFORMS e-Business 2017.*

5.  Junbo Son, Yeongin Kim, Shiyu Zhou, "Alerting Patients via Health Information System Considering Trust-Dependent Patient Adherence." *Information Technology and Management* (2021): 245-269.

6.  Seonjun Kang, Xiaojin Liu, Yeongin Kim, Victoria Yoon, "Can Bots Help Create Knowledge? The Effects of Bot Intervention in Open Collaboration." *Decision Support Systems* (2021), 113601. [**HQ**]
    • Highlighted in *Academic Times, June 8, 2021.*

7.  Mehmet U.S. Ayvaci, Huseyin Cacusoglu, Yeongin Kim, Srinivasan Raghunathan (*in alphabetical order*), "Designing Payment Contracts for Healthcare Services to Induce Information Sharing: The Adoption and the Value of Health Information Exchanges." *MIS Quarterly* (2021), 45(2), 637-692. [**FT50**]

**Other Journal Publications**

8.  Choi, Minhee, Seonjun Kang, and Yeongin Kim. "Understanding Social Media Advocacy: Advocacy Communication on the Violence Against Women Act." *Health Communication* (2025): 1-11.

9.  Mutlu Mete, Mehmet U.S. Ayvaci, Venkatesh K. Ariyamuthu, Alpesh Amin, Matthias Peltz, Jennifer T. Thibodeau, Justin L. Grodin, Pradeep P.A. Mammen, Sonia Garg, Faris Araj, Robert Morlend, Mark H. Drazner, Nashila AbdulRahim, Yeongin Kim, Yusuf Salam, Ahmet B. Gungor, Bulent Delibasi, Suman K. Kotla, Malcolm P. MacConmara, Prince Mohan, Bekir Tanriover, "Predicting Post-Heart Transplant ESRD Risk in Adults: A Patient-Level Machine Learning Decision Tool." *Kidney International Reports* (2022), 7.6, 1410-1415.

## PRESENTATIONS (*: REFEREED)

Beyond Words: Unveiling the Effect of Physician's Use of Audio Communication in Online Healthcare Communities.
• 2024, Seminar for Big Data Analytics (virtual), Kyung Hee University, South Korea

The Role of Data Sharing and Analytics Capabilities in Interoperable Healthcare Services.
• 2023, Korea AIS (KrAIS) Summer Workshop[*]
• 2022, Production and Operations Management Society (POMS) Conference

Dinner at Your Doorstep: Service Innovation Through Gig Economy in Food Delivery Platforms.
- 2022, ITDS Research Seminar, G. Brint Ryan College of Business, University of North Texas
- 2022, ABIZ Seminar Series, Ajou University, South Korea

Repairing the Digital Divide Can Increase the Service Divide: The Effects of Patient Portals on Kidney Allocation.
- 2023, ISOM Research Seminar, University of Texas at Arlington
- 2023, Business Research Seminar, Wake Forest University
- 2023, BTM BK21 Global Seminar, KAIST
- 2021, 2018, INFORMS Healthcare
- 2021, IS Research Seminar, University of Texas Rio Grande Valley
- 2021, 2018, 2017, INFORMS Annual Meeting
- 2018, Conference on Information Systems and Technology (CIST) *
- 2018, 2017, Conference on Health IT and Analytics (CHITA) *
- 2018, Manufacturing and Service Operations Management (MSOM) Conference*
- 2017, International Conference on Information Systems (ICIS) Doctoral Consortium*
- 2017, IS Research Seminar, VCU School of Business

Recommending Clinical Interventions to Patients via IoT-Enabled Health Information System Considering Trust-Dependent Patient Adherence.
- 2021, Dean's Seminar Series, VCU School of Business
- 2021, IS Graduate Seminar, Korea University
- 2021, Virginia Research Seminar Series (VRSS)

Information Sharing Enforcement: Does It Come to Fruition in the Marketplace?
- 2021, Dean's Seminar Series, VCU School of Business
- 2020, Conference on Information Systems and Technology (CIST) *
- 2020, KrAIS Research Workshop*

Nourish Your Competitor: Information Sharing in Own-Brand e-Marketplace.
- 2021, 2019, Dean's Seminar Series, VCU School of Business

When IT Creates Legal Vulnerability: Not Just Overutilization but Underprovisioning of Health Care Could be a Consequence.
- 2018, 2017, 2016, INFORMS Annual Meeting
- 2017, Advances in Decision Analysis (ADA)
- 2016, Conference on Information Systems and Technology (CIST) *
- 2016, Doctoral Consortium at Workshop on Health IT and Economics (WHITE) *
- 2016, Annual Big XII+ MIS Research Symposium*
- 2016, INFORMS Healthcare*

Payment Mechanisms, Incentives For Adoption and Value of Health Information Exchanges (HIEs).
- 2018, INFORMS Annual Meeting
- 2017, Conference on Information Systems and Technology (CIST) *

## AWARDS, HONORS, AND FELLOWSHIPS

- Finalist, Best Research Paper, KrAIS Summer Workshop     2025
- Best Theory-Driven Empirical Research Paper, DSI     2024
- Excellence in Reviewing, DSS     2024
- Nominated for Best Scholar Award, VCU School of Business     2021 - 2023
- Outstanding Contribution in Reviewing, EJIS     2021
- Small Research Grants ($2,500), VCU     2019
- Best Paper Award for INFORMS e-Business     2017
- Nominated and Accepted for ICIS Doctoral Consortium     2017
- Doctoral Fellowship, UT Dallas     2016 - 2017
- Nominated and Accepted for Big XII+ Doctoral Consortium     2016
- Graduate Research Travel Funding, UT Dallas     2013 - 2018
- Graduation with Summa Cum Laude, Inha University     2007
- Tuition Waiver as a Superior Academic Performance Scholarship, Inha University     2006 - 2007

## TEACHING INTERESTS

Programming, Data Mining, Machine Learning, Spreadsheet Modeling, Optimization

## TEACHING EXPERIENCE

### Wake Forest University
- **Course Instructor**
  BAN 6005 Python Programming for Business Analytics (Graduate, scheduled)
  MGT 7090 Analytics Software Technology (Graduate, scheduled)
  BAN 6050 Decision Modeling (Graduate)

### Virginia Commonwealth University
- **Course Instructor**
  INFO 350 Programming (Undergraduate)
  INFO 614 Data Mining & Machine Learning (Graduate)
  INFO 648 Business Data Analytics (Graduate)
  INFO 697 Guided Study (Doctoral Graduate)
  INFO 790 PhD Seminar on Health Information Technology (Doctoral Graduate)

### University of Texas at Dallas
- **Course Instructor**
  Introduction to Programming (Undergraduate)
  Object-Oriented Programming (Undergraduate)
- **Guest Lecturer**
  Introduction to MIS (Undergraduate), Fall 2013 - Spring 2016
  Social Media and Business (Graduate), Spring 2015/2016
- **Teaching Assistant**

System Analysis and Project Management (Graduate), Summer 2015/2016
Information Technology Security (Graduate), Spring 2015/2016
Mobile Web Application Development, (Undergraduate), Fall 2015
Object-Oriented Programming (Undergraduate), Fall 2015

## MENTORING

### Doctoral Committee Co-Chair
- Abraham Sen, 2023 at VCU (Assistant Professor at West Texas A&M University)
- Seonjun Kang, 2023 at VCU (Assistant Professor at University of Missouri S&T)
- Steve Essi 2024 at VCU (Assistant Professor at Salisbury University)

### Doctoral Committee Member
- Gayoon Kim, (PhD ongoing at KAIST)
- Gustaf Barkstrom, (PhD ongoing at VCU)
- Woojin Yang, 2024 at KAIST (Assistant Research Professor at KAIST)
- Hyejin Mun, 2023 at KAIST (Senior Researcher at Samsung R&D Center)
- Tong Wu, 2022 at Baylor (Assistant Professor at Western Kentucky University)
- Yousif Alhashemi, 2022 at VCU
- Gerald Onwujekwe, 2021 at VCU (Lecturer at Washington University in St. Louis)

## SERVICE

### Journal Editorial Board Member
- Journal of the Association for Information Systems (JAIS)      2022 - 2023
  Editorial Review Board Member
- JAIS Special Issue on Generative AI, Editorial Review Board Member      2023 - 2024
- Decision Science Journal (DSJ), Editorial Review Board Member      2023 - Present
- Decision Support Systems (DSS), Associate Editor      2023 - Present

### Journal Reviewer
Management Information Systems Quarterly (MISQ), Information Systems Research (ISR), Journal of the Association for Information Systems (JAIS), Production and Operations Management (POM), Journal of Operations Management (JOM), European Journal of Information Systems (EJIS), Decision Support Systems (DSS), Decision Sciences (DSJ), Electronic Commerce Research with Applications (ECRA), Electronic Commerce Research (ELEC), Information Systems Frontiers (ISFI), Information Technology and Management (ITEM), Healthcare Management Science (HCMS), Asia Pacific Journal of Information Systems (APJIS).

### Conference Reviewer
International Conference on Information Systems (ICIS), Hawaii International Conference on System Sciences (HICSS), Conference on Information Systems and Technology (CIST), Decision Science Institute (DSI), European Conference on Information Systems (ECIS), Academy of Management

(AOM), Korea AIS Workshop (KrAIS), Southeastern INFORMS (SEINFORMS). Journal of Organizational Computing and Electronic Commerce (JOCEC).

**Conference/Workshop Committee**

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|---|---|
| DSI, Analytics Co-Track Chair | 2025 |
| ICIS, Associate Editor | 2023 - 2025 |
| CIST, PC Member | 2023 - 2024 |
| WITS, PC Member | 2023 |
| INFORMS Richmond/Tidewater Chapter, Chapter Officer | 2023 - 2024 |
| KrAIS Summer Workshop, PC Member | 2023 - 2025 |
| KrAIS Annual Meeting, PC Member | 2020, 2023-2024 |

**Conference/Workshop Track/Session Host**

- Track Chair, DSI Annual Conference — 2025
- Session Host, JAIS Author Development Workshop at PACIS — 2022
- Session Chair, POMS Annual Meeting — 2022 - 2025
- Session Chair, INFORMS Annual Meeting — 2017 - 2024
- Session Chair, Conference on Information Systems and Technology (CIST) — 2018
- Session Chair, INFORMS Healthcare — 2015 - 2023
- Session Chair, KrAIS Summer Workshop — 2023

**School Committee**

- Faculty Senate Alternate, VCU — 2023 Fall - 2024 Spring

**Department Committee**

- Governance Committee Member, VCU — 2021 Fall - 2024 Spring
- PhD Program Committee Member, VCU — 2019 Spring - 2024 Spring
- Undergraduate Program Committee Member, VCU — 2018 Fall - 2021 Spring
- IS Tenure Track Faculty Search Committee Member, VCU — 2019 Fall, 2022 Fall
- IS Adjunct Faculty Search Committee Member, VCU — 2021 Spring
- SCMA Tenure Track Faculty Search Committee Member, VCU — 2023 Fall

## INDUSTRY & OTHER PROFESSIONAL EXPERIENCE

**Texas A&M University Systems Health Science Center, College Station, TX** — 2013
- Research Assistant
  Conducted simulation analysis to streamline a physician peer review process and optimize resource planning for future demand. The study results were presented in INFORMS Healthcare 2013, Chicago, IL.

**Logistics Division, STX Offshore & Shipbuilding, Changwon, South Korea** — 2011
- Associate Manager
  Coordinated daily logistical operations, including inbound shipments, inventory control, order fulfillment, and distribution.

**Human Resource Division, Eighth United States Army, Seoul, South Korea**     2008 - 2010
- Sergeant, Korean Augmentation to the United States Army (KATUSA)
  Assisted and coordinated Award and Policy Programs for the Eighth United States Army.

**Auto-ID Labs, Korea Advanced Institute of Science and Technology (KAIST),**
**Dajeon, South Korea**     2006
- Research Assistant
  Participated in a research project: RFID-Based Return Management in the Apparel Industry. The study results were presented in Asia Pacific Industrial Engineering and Management Society (APIEMS) Conference 2006, Bangkok, Thailand.

## PROFESSIONAL MEMBERSHIP

- Association for Information Systems (AIS)
- Institute for Operations Research and the Management Sciences (INFORMS)
- The Korean Association for Information Systems (KrAIS)
- Production and Operations Management Society (POMS)

## COMPUTATIONAL SKILLS

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|---|---|
| **Programming Languages:** | Python, R, Java, C#, C++, C, HTML, MATLAB, SQL |
| **Analytics Packages:** | STATA, SAS, CPLEX/AMPL, Arena, Weka |
| **Other:** | LaTex, Mathematica, Jupyter Notebook |