

CURRICULUM VITAE

Jiwon Kang Ph.D., MSN, RN, PHN

University of St. Thomas

Susan S. Morrison School of Nursing

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EDUCATION

2014-2018	Ph.D. in Nursing Korea University College of Nursing, Seoul, Korea
2012-2014	Master of Science in Nursing Korea University College of Nursing, Seoul, Korea
2004-2008	Bachelor of Science in Nursing Korea University College of Nursing, Seoul, Korea

DISSERTATION AND THESIS

Kang, J. (2018). Development of the Information Security Scale for Nurses [Doctoral dissertation]. Seoul: College of Nursing, Korea University

Kang, J. (2014). A Systematic Review and Meta-Analysis of the Effect of Web-Based Nursing Education Programs on Knowledge [Master thesis]. Seoul: College of Nursing, Korea University

LICENSURE

2021 - present	Registered Nurse, Minnesota #2489278
2023 - present	Public Health Nurse, Minnesota #32793
2010 - 2023	Registered Nurse, New York #637494
2008 - present	Registered Nurse, Korea #247433

PROFESSIONAL EXPERIENCE

Academic Appointments

Aug 2026- present	Assistant Professor at the University of St. Thomas
Sep 2023- June 2026	Postdoctoral Research Associate at the University of Minnesota Extension

Jan 2021 – Jan 2023	Visiting Scholar at the University of Minnesota, School of Nursing
Jun 2020 - Jun 2021	Research Professor at Korea University, College of Nursing Seoul, Korea
Apr 2020 – Feb 2024	Senior Researcher at Ajou University, College of Nursing, Suwon, Korea
Nov 2018 - Feb 2020	Researcher at Gachon University, College of Nursing, Incheon, Korea
Sep 2016 - Aug 2020	Lecturer at Korea University, College of Nursing, Seoul, Korea Subjects: Nursing Administration, Nursing Administration Practice, Nursing Informatics, Nursing Ethics
Mar 2012 - Nov 2015	Teaching/Research Assistant at Korea University, College of Nursing, Seoul, Korea Subjects: Nursing Administration Practice

Clinical Appointments

Sep 2023 - Sep 2024	
Nurse (On-call)	
Jan 2023 - Sep 2023	Nurse at Ebenezer, Sanctuary West St. Paul
Full-time Nurse	
May 2008 - Feb 2012	Registered Nurse at Neonatal Intensive Care Unit, Samsung Medical Center, Seoul, Korea

GRANTS, PROJECTS

Funded

Development and Evaluation of the Nurse's Big Data Management Competency Improvement Program (Mobile-BDMC)

Funded by the National Research Foundation of Korea

Role: Principal Investigator

Total Costs: \$37,000

Funding Period: Jun 2020 – Jun 2021

Analysis of Compassion Competency Growth Models for Clinical Nurses and Their Impact on Nurse and Patient Safety Outcomes

Funded by the Ministry of Science and ICT of Korea

Role: Principal Investigator

Total Costs: \$30,000

Funding Period: Apr 2020 – Oct 2021

Development of Nurse's Global Health Competency Education Content and Support for Program Operation

Funded by the Ministry of Science and ICT of Korea

Role: Principal Investigator

Total Costs: \$25,000

Funding Period: Nov 2018 - Feb 2020

Participated

USDA WIC Workforce Initiative – A Collaborative Approach to Develop Staffing Model Recommendations and Training Materials

Sponsored by the National Institute of Food and Agriculture

Role: Assistant researcher

Funding period: Sep 2024 - Sep 2029

Garden in a Box- Multi-generational Community Building – Gardening with Latinx families

Sponsored by Minnesota Horticulture Society, Center Clinic' Dodge Center, Our Community Our Health (OCOH), SNAP-Ed Health and Wellness Coordinators, 4-H County Educators, County Master Gardeners

Role: Editor, facilitator

Funding Period: Oct 2023 - Dec 2023

Developed 'Nursing Ethics' Content for Online Maintenance Training

Funded by the Korean Nurses Association

Role: Assistant researcher

Funding Period: Jun 2014 - Oct 2015

Development and Effect of Advisable Digital Learning Program through EEG Measurement of Children and Adolescents in Digital Learning Environment

Funded by the National Research Foundation of Korea

Role: Assistant researcher

Funding Period: Jun 2013 - May 2016

Submitted (Submitted in November 2024)

Evaluating and Scaling Family Peer Support for Substance Use Recovery

Funded by UT Health San Antonio

Role: Grant writing, University of Minnesota Extension contracted supporter

Total Costs: \$55,000

- *Proposal submitted but withdrawn due to institutional budget decision*

AWARDS AND SCHOLARSHIPS

2018	Korea University Best Paper Award (Doctoral dissertation)
Fall 2017	Korea University Scholarship Committee Research Encouragement Scholarship \$1,500
Fall 2016	Korea University Scholarship Committee BK21Plus Program Scholarship \$5,000
Spring 2016	Korea University Scholarship Committee General Graduate Scholarship \$1,000

PEER-REVIEWED PUBLICATIONS

Published

*mark indicates corresponding author

Jiwon Kang, “Gap analysis of encoding the guidelines on non-opioid approaches for pain management using the Omaha System” *CIN: Computers, Informatics, Nursing* <https://doi.org/10.1097/CIN.0000000000001282> (Contribution: wrote the manuscript and critically revised the study, collected the data, analyzed the data)

Su Jin Jung, **Jiwon Kang***, Youngjin Lee, “Effectiveness of room-of-error interventions for healthcare providers: A systematic review” *BMC Nursing* <https://doi.org/10.1186/s12912-025-02751-4>, 2025 (Contribution: data curation, wrote the manuscript and critically revised the study, analyzed the data using Revman)

Jiwon Kang, Jeongeun Song, Wonjung Noh, “Global Health Competency of Nursing Personnel: A Cross-Sectional Study” *SAGE Open Nursing*, <https://doi.org/10.1177/23779608241274189>, 2024 (Contribution: wrote the manuscript and critically revised the study, collected the data, and analyzed the data using a cross-sectional survey method via STATA)

Jiwon Kang, Soon-Sun Kwon, Youngjin Lee, “Prediction for clinical nurses’ work-life balance after patient safety incidents based on classification and regression tree analysis: A

secondary data analysis” *BMC Nursing*, <https://doi.org/10.1186/s12912-024-01719-0>, 2024 (Contribution: wrote the manuscript and critically revised the study, analyzed the data using secondary data analysis method via R)

Jiwon Kang, Purn Kang, “Relationship building between international healthcare volunteers and local healthcare providers in Ethiopia: Real-life experiences in low-income country” *Healthcare*, <https://doi.org/10.3390/healthcare11131969>, 2023 (Contribution: designed the study, supervised the study, wrote the manuscript, and critically revised the study, collected the data, and analyzed the data using a Phenomenological approach method)

Jin Kyoung Ma, Youngjin Lee, **Jiwon Kang**, “Standardized Patient Simulation for More Effective Undergraduate Nursing Education: A Systematic Review and Meta-Analysis” *Clinical Simulation in Nursing*, <https://doi.org/10.1016/j.ecns.2022.10.002>, 2023 (Contribution: wrote the manuscript and critically revised the study, analyzed the data using the meta-analysis method via STATA)

Jiwon Kang, Youngjin Lee, “Health-related factors influencing nurse turnover by clinical career A secondary data analysis” *International Journal of Environmental Research and Public Health*, 19(22), 15222. 2022 (Contribution: wrote the manuscript and critically revised the study, analyzed the data using secondary data analysis method via R)

Purn Kang, **Jiwon Kang***, Karen A. Monsen, “Nurse Information Security Policy Compliance, Information Competence, and Information Security Attitudes Predict Information Security Behavior” *CIN: Computers, Informatics, Nursing*, 10-1097. <https://doi.org/10.1097/CIN.0000000000000981>. 2022 (Contribution: designed the study, supervised the study, wrote the manuscript, critically revised the study, collected the data, and analyzed the data using the survey research method via SPSS)

Jiwon Kang & GyeongAe Seomun. “Development and Validation of the Information Security Attitude Questionnaire (ISA-Q) for nurses” *Nursing open*, <https://doi.org/10.1002/nop2.1353>, 2022 (Contribution: designed the study, supervised the study, wrote the manuscript, critically revised the study, collected the data, and analyzed the data using scale development method via AMOS and SPSS)

Purn Kang & **Jiwon Kang***, “Nurses' Relationship Experience with Inpatients in Comprehensive Nursing Care Service” *Journal of Korean Academy of Nursing Administration*, 27(3), 2021;149-158 (Contribution: designed the study, supervised the study, wrote the manuscript, and critically revised the study, collected the data, and analyzed the data using a Phenomenological approach)

Jiwon Kang, Jeongeun Song, Wonjung Noh, “Impact of nurses' compassion competence and transcultural self-efficacy on their global health nursing competency” *Applied Nursing Research*, 60, 2021:151453 (Contribution: wrote the manuscript and critically revised the study, collected the data, and analyzed the data using a cross-sectional survey method via

STATA)

Inhae Cho & **Jiwon Kang*** “Effects of mHealth intervention on sexual and reproductive health in emerging adulthood: A systematic review and meta-analysis of randomized controlled trials”. *International Journal of Nursing Studies*, <https://doi.org/10.1016/j.ijnurstu.2021.103949>, 2021: 103949 (Contribution: wrote the manuscript and critically revised the study, collected the data, and analyzed the data using meta-analysis method via STATA)

(The first author) **Jiwon Kang** & GyeongAe Seomun. “Information security in nursing: A concept analysis”. *Advances in Nursing Science* 44(1), 2021: 16-30 (Contribution: designed the study, supervised the study, wrote the manuscript, critically revised the study, collected the data, and analyzed the data using conceptual analysis via Hybrid model method)

(The first author) **Jiwon Kang**, Jeongeun Song, Wonjung Noh, “A systematic review and meta-analysis of the effects of global health competency improvement programs on nurses and nursing students.” *Journal of Advanced Nursing* 76(7), 2020: 1552-1566 (Contribution: wrote the manuscript and critically revised the study, collected the data, and analyzed the data using meta-analysis method via RevMan, R)

(The first author) **Jiwon Kang**, Wonjung Noh, Youngjin Lee, “Sleep Quality among Shift-work Nurses: A Systematic Review and Meta-analysis.” *Applied Nursing Research*, <https://doi.org/10.1016/j.apnr.2019.151227>, 52, 2019: 151227 (Contribution: wrote the manuscript and critically revised the study, collected the data, and analyzed the data using meta-analysis method via RevMan)

(The first author) **Jiwon Kang**, Ye-Na Lee, Purum Kang. “Nurses’ perceptions of the professionalism in Comprehensive Nursing Care Service Wards.” *Journal of Korean Society for the Scientific Study of Subjectivity*, 45, 2019: 45-66 (Contribution: designed the study, supervised the study, wrote the manuscript, and critically revised the study, collected the data)

(Co-author) Wonjung Noh, **Jiwon Kang**, Youngjin Lee. “Research Trends Review of Undergraduates’ on Entrepreneurship Education Program to Develop the Entrepreneurship Program for Nursing College Students.” *Journal of Convergence for Information Technology*, 9(2), 2019: 148-154 (Contribution: critically revised the study, collected the data, and analyzed the data using the Text network analysis method via Microsoft Excel, VOSviewer)

(The first author) **Jiwon Kang** & GyeongAe Seomun. “Evaluating Web-Based Nursing Education’s Effects: A Systematic Review and Meta-analysis.” *Western Journal of Nursing Research*, 40(11), 2018: 1677-1697 (Contribution: designed the study, supervised the study, wrote the manuscript and critically revised the study, collected the data, and analyzed the data using the meta-analysis method via RevMan)

(The first author) **Jiwon Kang** & GyeongAe Seomun. “A Systematic Review and Meta-analysis of the effect on Newborn Care Education Program.” *Journal of Digital Convergence*,

15(3), 2017: 247-257 (Contribution: designed the study, supervised the study, wrote the manuscript and critically revised the study, collected the data, and analyzed the data using the meta-analysis method via RevMan)

Under review

Samantha Roth, Dung Mao, Sara Croymans, **Jiwon Kang**, (Under review) “Enhancing Community Collaboration for Sustainable Housing Solutions in Minnesota” (Contribution: wrote the manuscript and critically revised the study)

Silvia Alvarez de Davila, **Jiwon Kang***, Jose Lamas, Gabriela Burke, Maria Conchita Paez-Siebert, Leticia Rodríguez, Elizabeth Quillo, Angelica M. Peña (Under review -Accepted) “Cultivating Community and Wellness: A Systemic Approach to Supporting Latino-origin Families through Gardening” (Contribution: wrote the manuscript and critically revised the study, and analyzed the data using STATA)

Rachel Y. Lee, Youngjin Lee, Su Jin Jung, Patricia C. Dykes, Sarah C. Rossetti, Kenrick D. Cato, **Jiwon Kang** (Under review) Educational Strategies to Strengthen Nursing Surveillance Competence in Inpatient Settings: A Scoping Review (Contribution: wrote the manuscript and critically revised the study)

Jiwon Kang, Karah Mechlowitz, Susan Roedl, Mary Marczak, Janice Rasmussen (In preparation) “Exploring the WIC Workforce: A Scoping Review of Current Practices, Barriers, and Opportunities”

In Preparation

Paulina Vergara Buitrago, **Jiwon Kang**, Hyunjun Kim (In preparation) “SNAP-Ed Accessibility in Minnesota (2022): Geographic and Socioeconomic Correlates of SNAP-Ed Program Distribution”

Karah Mechlowitz, **Jiwon Kang**, Baiwen Peng, Mary Marczak, Janice Rasmussen (In preparation) “Formative Research for Strengthening Recruitment and Retention in the WIC Workforce”

Jiwon Kang, Purum Kang (In preparation) “Does Nursing Informatics Competency Enhance Clinical Practice? Exploring Telehealth, Data Analytics, and Simulation-Based Training”

POSTER PRESENTATIONS

*mark indicates corresponding author

Nov 2025	Jiwon Kang , Sarah Michels, Samantha Roth, Aubree Derksen. “Evaluating the effectiveness of COMET (Changing Our Mental and Emotional Trajectory) in enhancing mental health conversations” 2025 APHA
Nov 2025	Karah Mechlowitz, Jiwon Kang , Baiwen Peng, Janice Rasmussen. “Uplifting WIC workforce voices to strengthen the provision of culturally relevant care” 2025 APHA
Nov 2022	Purum Kang, Jiwon Kang . “Relationship building between international healthcare volunteers and domestic healthcare providers in Ethiopia: Real-life experiences in a less developed country” 2022 The 6th Korea China Japan Intercultural Conference
Nov 2022	Su Jin Jung, Jiwon Kang , Youngjin Lee “Effectiveness of the room of error program in health care: A systematic review” 2022 The 6th Korea China Japan Intercultural Conference
Dec 2020	Jiwon Kang . “Factors affecting information literacy of clinical nurses” 2020 Korean Academy of Nursing Administration winter season Academic Conference
Dec 2019	Wonjung Noh, Jiwon Kang , Jeongeun Song. “Validation of the global health competency enhancement program for nurses” 2019 Korean Academy of Nursing Administration winter season Academic Conference
Jun 2019	Wonjung Noh, Jeongeun Song, Jiwon Kang* . “Conformity assessment of nurses' global health competency measurement tool.” 2019 Korean Academy of Nursing Administration Spring Season Academic Conference
Jun 2019	Wonjung Noh, Jiwon Kang , Youngjin Lee. “Reasons of nurses turnover according to clinical career.” 2019 Korean Academy of Nursing Administration Spring Season Academic Conference
Jan 2019	Wonjung Noh, Jeongeun Song, Jiwon Kang* . “Educational need assessment to develop global health competency improvement program nurses.” 22 nd EAFONS (East Asian Forum of Nursing Scholars)
Dec 2018	Wonjung Noh, Jiwon Kang , Jeongeun Song. “Validation of Global Health competency Program Components: Using the Content Validity Index and Analytic Hierarchy Process.” 2018 Korean Academy of

	Nursing Administration winter season Academic Conference and 42 nd Regular General Meeting: Strategies for research funding in nursing
Jun 2015	Jiwon Kang* , Seomun Gyeongae. “Effects of potential game addiction risk on physical and mental health in elementary school students.” 2015 Korean Academy of Nursing Administration Spring season Academic Conference
Jun 2014	Jiwon Kang* , Seomun Gyeongae. “Effect of web-based nursing education program on nurses and nursing students: Systematic review and Meta-analysis.” 2014 Korean Academy of Nursing Administration Spring Season Academic Conference

TEACHING

Assistant Professor, Susan S. Morrison School of Nursing, University of St. Thomas

Fall 2026	Healthcare Ethics/Advocacy/Policy (NRSG410) Population Health Nursing (NRSG620)
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Instructor, College of Nursing, Korea University College of Nursing

Spring 2020	Nursing Informatics (NSG91000)
Fall 2019	Nursing Administration Practice (NRSG41202)
Spring 2019	Informatics, Nursing Ethics (NRSG20500)
Fall 2018	Nursing Administration (NRSG40500), Nursing Administration Practice (NRSG41202)
Spring 2018	Nursing Informatics (NRSG15200)
Fall 2017	Nursing Administration (NRSG40500), Nursing Administration Practice (NRSG41202)
Spring 2017	Nursing Informatics (NSG91000)
Fall 2016	Nursing Administration Practice (NRSG41202)

Graduate Teaching Assistant, Korea University College of Nursing

Fall 2015	Nursing Administration Practice (NRSG41202)
Fall 2014	Nursing Administration Practice (NRSG41202)
Fall 2013	Nursing Administration Practice (NRSG41202)
Fall 2012	Nursing Administration Practice (NRSG41202)

PROFESSIONAL DEVELOPMENT

Jun 2024	AEA Summer Institute Workshop
Aug 2023	ArcGIS StoryMap Workshop
May 2023	Ripple effect mapping-evaluation tool
Aug 2022	Data Science with Python
	System Analysis and Design, Clinical Decision Support
Jan 2021 - Aug 2021	Practicum, Clinical Decision Support: Theory (UMN School of Nursing, DNP course class)
Aug 2020	Korean Society of Nursing Science (Statistical Seminar)
Aug 2020	Statistical Methodology workshop (STATA)
Sep 2019	Statistical Methodology workshop (NetMiner)
Jul 2015	Statistical Methodology workshop (AMOS)
Jul 2014 - Oct 2014	Statistical Methodology workshop (Meta-analysis)
Mar 2013 - Jun 2013	Statistical Methodology workshop (SPSS)

SERVICE ACTIVITIES

Editorial and Peer Review Service

2023 – present	Clinical Simulation in Nursing
2022 - present	CIN: Computers, Informatics, Nursing
2023 – present	Healthcare
2022 – present	International Journal of Environmental Research and Public Health
2021 – present	Applied Nursing Research
2021 – present	Advances in Nursing Science
2020 – present	Journal of Advanced Nursing

Editor Service

2025-2026	Journal of Human Science and Extension Special Issue Editorial Associate
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Other Service Activities

2025-present	Community Child Care Inc. Board member
2022-2023	Volunteer School Nurse at Sejong Academy Korean Immersion School
