

**CURRICULUM VITAE
SANGWOO AHN, PhD, RN**

CONTACT INFORMATION

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EDUCATION

<u>Institutions</u>	<u>Location</u>	<u>Degree</u>	<u>Year</u>	<u>Major</u>
University of Minnesota	Minneapolis, MN	PhD	2019	Nursing
Yonsei University	Seoul, South Korea	MSN	2015	Nursing
Yonsei University	Seoul, South Korea	BSN	2011	Nursing

LICENSURE AND CERTIFICATION

Registered Nurse, Licensed in Tennessee	2020-present
Basic Life Support, American Heart Association	2015-present
Registered Nurse, Licensed in New York	2014-present
Registered Nurse, Licensed in South Korea	2011-present

ACADEMIC EMPLOYMENT

<u>Title</u>	<u>Institution</u>	<u>Location</u>	<u>Date</u>
Assistant Professor (Tenure Track)	Pennsylvania State University, Ross and Carol Nese College of Nursing	University Park, PA	2024-
Assistant Professor (Tenure Track)	University of Tennessee- Knoxville, College of Nursing	Knoxville, TN	2019-2024

PROFESSIONAL EXPERIENCE

<u>Title</u>	<u>Institution</u>	<u>Location</u>	<u>Date</u>
Research Assistant	University of Minnesota, School of Nursing	Minneapolis, MN	2015-2019
PI – Fang Yu, PhD, RN, GNP-BC, FGSA, FAAN	Project Title – Aerobic Exercise in Alzheimer’s Disease: Cognition and Hippocampal Volume Effects	Funding – NIA R01 (National Institute on Aging)	
Research Assistant	Yonsei University, College of Nursing	Seoul, South Korea	2013-2015
PI – JuHee Lee, PhD, RN, FAAN	Project Title – Exercise Program and Motivational Telephone Counseling in Parkinson’s Disease: Effects on Physical and Psychosocial Health	Funding – Ministry of Science of Korea (National Research Foundation)	
Staff Nurse	Yonsei University Medical Center (Severance Hospital)	Seoul, South Korea	2011-2013

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES IN PRESS

* mentored graduate student; § data-based; + corresponding author

1. *Anderson, J. G., Summers, A., **Ahn, S.**, Harris, R., Smith, J., Jabson Tree, J., Neal, A., Misawa, M., & Rauer, A. (2024). Digital health and caregiving resources used by family caregivers of older adults during the COVID-19 pandemic. *Journal of Family Nursing*. §

PEER-REVIEWED JOURNAL ARTICLES

* mentored graduate student; § data-based; + corresponding author

1. ***Ahn, S.**, *Cobb, S. J., Cruter, S. E., Lee, C. E., Crane, M. K., & Anderson, J. G. (2024). Physical activity together for couples living with mild cognitive impairment (PAT-MCI): A feasibility study. *Geriatric Nursing*, 55, 221-228. §
<https://doi.org/10.1016/j.gerinurse.2023.11.011>
2. *Boehmer, K., Álvarez-Villalobos, N., Barakat, S., de Leon-Gutierrez, H., Ruiz-Hernandez, F., Elizondo-Omaña, G., Vaquera-Alfaro, H., **Ahn, S.**, Spencer-Bonilla, G., Gionfriddo, M., Millan-Alanis, J., Abdelrahim, M., Prokop, L., Murad, M. H., & Wang, Z. (2023). The impact of health and wellness coaching on patient-important outcomes in chronic illness care: A systematic review and meta-analysis. *Patient Education and Counseling*, 117, 107975. <https://doi.org/10.1016/j.pec.2023.107975>
3. **Ahn, S.**, *Chung, J. W., Cruter, S. E., Lee, J., Lee, C. E., & Anderson, J. G. (2023). Gait and/or balance disturbances associated with Alzheimer’s dementia among older adults with

amnesic mild cognitive impairment: A longitudinal observational study. *Journal of Advanced Nursing*, 79(12), 4815-4827. § <https://doi.org/10.1111/jan.15768>

4. **Ahn, S.**, *Chung, J. W., Crane, M., Bassett, D., & Anderson, J. G. (2022). The effects of multi-domain interventions on cognition: A systematic review. *Western Journal of Nursing Research*, 44(12), 1134-1154. <https://doi.org/10.1177/01939459211032272>
5. ***Ahn, S.**, *Lingerfelt, C. N., Lee, C. E., Lee, J., Raynor, H. A., & Anderson, J. G. (2022). Association of adherence to high-intensity physical activity and the Mediterranean-dietary approaches to stop hypertension intervention for neurodegenerative delay diet with cognition: A cross-sectional study. *International Journal of Nursing Studies*, 131, 104243. § <https://doi.org/10.1016/j.ijnurstu.2022.104243>
6. ***Ahn, S.**, *Bartmess, M., & Lindley, L. C. (2022). Multimorbidity and healthcare utilization among Black Americans: A cross-sectional study. *Nursing Open*, 9, 959-965. § <https://doi.org/10.1002/nop2.1095>
7. ***Ahn, S.**, Mathiason, M., & Yu, F. (2021). Longitudinal cognitive profiles by anxiety and depressive symptoms in American older adults with subjective cognitive decline. *Journal of Nursing Scholarship*, 53(6), 698-708. § <https://doi.org/10.1111/jnu.12692>
8. ***Ahn, S.**, Mathiason, M., Lindquist, R., & Yu, F. (2021). Factors predicting episodic memory changes in older adults with subjective cognitive decline: A longitudinal observational study. *Geriatric Nursing*, 42(1), 268-275. § <https://doi.org/10.1016/j.gerinurse.2020.08.016>
9. ***Ahn, S.**, Mathiason, M., Salisbury, D., & Yu, F. (2020). Factors predicting the onset of amnesic mild cognitive impairment or Alzheimer's dementia in persons with subjective cognitive decline. *Journal of Gerontological Nursing*, 46(8), 28-36. § <https://doi.org/10.3928/00989134-20200619-01>
10. Lee, J., *Choi, M., Yoo, Y., **Ahn, S.**, Jeon, J. Y., Kim, J. Y., & Byun, J. Y. (2019). Impacts of an exercise program and motivational telephone counseling on health-related quality of life in people with Parkinson's disease. *Rehabilitation Nursing Journal*, 44(3), 161-170. § <https://doi.org/10.1097/rnj.000000000000106>
11. Lee, J., Yoo, Y., **Ahn, S.**, & *Choi, M. (2018). Issues on health care for people with Parkinson's disease in Korea. *Topics in Geriatric Rehabilitation*, 34(2), 131-137. § <https://doi.org/10.1097/TGR.000000000000183>
12. *Barakat, S., Boehmer, K., Abdelrahim, M., **Ahn, S.**, Al-Khateeb, A., Erwin, P., Fleming, K., Prokop, L., Spencer-Bonilla, G., Valentina, S., Villalobos, N., & Murad, M. (2018). Does health coaching grow capacity in cancer survivors? A systematic review. *Population Health Management*, 21(1), 63-81. <https://doi.org/10.1089/pop.2017.0040>
13. ***Ahn, S.**, Salisbury, D., & Yu, F. (2017). Effects of physical exercise on cognition in persons with subjective cognitive decline or mild cognitive impairment: A review. *Journal of Parkinson's disease and Alzheimer's disease*, 4(2), 11. <https://doi.org/10.13188/2376-922X.1000023>
14. **Ahn, S.**, *Lee, J., Chu, S. H., & Sohn, Y. H. (2017). Uncertainty and depression in people with Parkinson's disease: A cross-sectional study. *Nursing and Health Sciences*, 19(2), 220-227. § <https://doi.org/10.1111/nhs.12332>
15. ***Ahn, S.**, Chen, Y., Bredow, T., Cheung, C., & Yu, F. (2017). Effects of non-pharmacological treatments on quality of life in Parkinson's disease: A review. *Journal of Parkinson's disease and Alzheimer's disease*, 4(1), 10. <https://doi.org/10.13188/2376-922X.1000021>
16. *Boehmer, K. R., Barakat, S., **Ahn, S.**, Prokop, L. J., Erwin, P. J., & Murad, M. H. (2016). Health coaching interventions for persons with chronic conditions: A systematic review and meta-analysis protocol. *Systematic Reviews*, 5(1), 146-152. <https://doi.org/10.1186/s13643-016-0316-3>
17. Choi, M., **Ahn, S.**, & *Jung, D. (2015). Psychometric evaluation of the Korean version of the self-efficacy for exercise scale for older adults. *Geriatric Nursing*, 36(4), 301-305. § <https://doi.org/10.1016/j.gerinurse.2015.03.005>

PEER-REVIEWED JOURNAL ARTICLES UNDER REVIEW

§ *data-based; + corresponding author*

1. ***Ahn, S.**, Cobb, S. J., Butler, R., Chung, M. L., Roberson, P. N. E., Lee, J., Zhao, X., & Anderson, J. G. Effects of physical activity on health among informal caregivers of people with cognitive decline: A systematic review and meta-analysis.
2. *Stansberry, T., Myers, C., Tran, L., Roberson, P., & **Ahn, S.** A GIS-informed mixed-effects modeling approach to understanding Tennessee hospital closures' effects on county-level mortality rates, 2010 – 2019. §

GRANTS AND CONTRACTS

TRAINING PROGRAM GRANT

2024. One of Scholars in the 2024 Alzheimer's Association-Interdisciplinary Summer Research Institute Psychosocial Track. Alzheimer's Association funded by the NIA (R25AG069678).

The psychosocial track pursues research projects focused on implementation research, typically using primary data. These projects are applicable at an individual, dyadic or group/systems level to effect risk, resilience and outcomes. My application title: Physical activity of underserved older adult couples at risk for dementia.

2020. One of Scholars in the 2020-2021 cohort of the Michigan Integrative Well-Being and Inequality (MIWI) Training Program. University of Michigan School of Public Health funded by the NIH (R25AT010664) through the Office of Behavioral and Social Science Research (OBSSR) and the National Center for Complementary and Integrative Health (NCCIH).

In this program, I began to develop my proposal (i.e., physical activity for people with mild cognitive impairment and their family caregivers) by building the methodological expertise needed to address the intersection of physical and mental well-being.

FUNDED (INTERNAL)

2021. Co-PI, Scholarly Activity and Research Incentive Funds awarded for Humanoid Robots for Research and Education. Office of Research, Innovation & Economic Development, University of Tennessee-Knoxville. \$67,050.

The aim of this proposal was to acquire humanoid robots for use in collaborative projects within and across colleges at University of Tennessee-Knoxville. This research intended to address areas that support technology, health promotion and disease prevention, caring for the aging and their caregivers, and translating these results into education and practice.

2021. PI, Project Title: Physical Activity Together (PAT) Trial for Older Adults with Mild Cognitive Impairment and Their Romantic Partners: A Feasibility Study. One UT Detection, Care, and Treatment of Alzheimer's Disease and Related Dementia Seed Funds, University of Tennessee System. \$4,941.

This 16-week study was performed to see whether physical activity together is feasible to increase physical activity among dyads (individuals with mild cognitive impairment and their spouses).

2019. Co-PI, Scholarly Activity and Research Incentive Funds awarded for Enhancing Research in Brain-Computer Interface Using Wireless EEG + fNIRS Monitoring. Office of Research, Innovation & Economic Development, University of Tennessee-Knoxville. \$14,000.

The aim of this proposal was to acquire a wireless device that simultaneously monitors electroencephalography (EEG) and functional near infrared spectroscopy (fNIRS) signals in the brain. This research intended to utilize the multimodal imaging technique to develop novel brain-computer interface systems for dementia detection, neurorehabilitation, and enhanced teaching/learning.

UNFUNDED (EXTERNAL)

2023. PI, Physical Activity Together for Couples Living with Mild Cognitive Impairment (PAT-MCI): A Pilot Randomized Controlled Trial. Retirement Research Foundation. \$248,077.

Leveraging partner support, the primary objective was to gradually increase physical activity to 150 minutes per week among older couples living with mild cognitive impairment (i.e., people with mild cognitive impairment and their romantic care partners with no cognitive decline).

PRESENTATIONS

INTERNATIONAL (PEER-REVIEWED)

2022. **Ahn, S.** Influence of Physical Activity and the MIND Diet on Cognition. Alzheimer's Association International Conference Annual Meeting. Poster Presentation. San Diego, CA.

2021. **Ahn, S.** Cognitive Change by Anxiety and Depressive Symptoms in Subjective Cognitive Decline: An Implication to Prevent Alzheimer's Disease. Alzheimer's Association International Conference Annual Meeting. Poster Presentation. Denver, CO.

2019. **Ahn, S.**, Mathiason, M., & Yu, F. Factors Associated with Clinical Progression in Subjective Cognitive Decline. Alzheimer's Association International Conference Annual Meeting. Poster Presentation. Los Angeles, CA.

2017. **Ahn, S.**, Bredow, T., & Yu, F. Effects of Non-Pharmacological Treatments on Quality of Life in Parkinson's Disease. International Association of Gerontology and Geriatrics The 21st World Congress. Poster Presentation. San Francisco, CA.

NATIONAL (PEER-REVIEWED)

** mentored graduate student*

2024. **Ahn, S.**, Chung, M., & Crouter, S. Effects of Physical Activity on Health among Informal Caregivers of Individuals with Dementia: A Meta-Analysis. Gerontological Society of American Annual Conference. Poster Presentation. Seattle, WA.

2023. Stansberry, T., Myers, C., Tran, L., Roberson, P., & **Ahn, S.** A GIS-Informed mixed-effects modeling approach to understanding Tennessee hospital closures' effects on county-level mortality rates, 2010-2019. Academy Health Annual Research Meeting. Poster Presentation. Seattle, WA.

2022. **Ahn, S.**, *Cobb, S., Crouter, S. E., Lee, C. E., & Anderson, J. G. Physical Activity Together for Couples with Mild Cognitive Impairment: A Feasibility Study. Gerontological Society of America Annual Conference. Poster Presentation. Indianapolis, IN.

2022. **Ahn, S.** Gait and/or Balance Disturbances and the Onset of Alzheimer's Disease in Mild Cognitive Impairment. Gerontological Society of America Annual Conference. Poster Presentation. Indianapolis, IN.

2022. Stansberry, T., Myers, C., Tran, L., Roberson, P., & **Ahn, S.** Effects of Tennessee's Hospital Closure on Mortality. American Academy of Nursing 2022 Health Policy Conference. Poster Presentation. Washington, DC.

2021. **Ahn, S.**, & Anderson, J. G. The effects of Multi-Component Interventions on Cognition: A Systematic Review. Gerontological Society of America Annual Conference. Poster Presentation. Phoenix, AZ.

2019. **Ahn, S.** Factors Influencing Episodic Memory in Subjective Cognitive Decline: An Implication for Dementia Prevention. Gerontological Society of America Annual Conference. Poster Presentation. Austin, TX.

2014. Choi, M., **Ahn, S.**, & Jung, D. Psychometric Evaluation of the Korean Version of the Self-Efficacy for Exercise Scale for Older Adults. Korean Gerontological Nursing Society Biannual Conference. Poster Presentation. Seoul, South Korea.

REGIONAL (PEER-REVIEWED)

2024. Wyatt, T., **Ahn, S.**, & Miller, J. Mentoring Networks to Support Junior Researchers. Southern Nursing Research Society Annual Conference. Podium Presentation. Charlotte, NC.

HONORS AND AWARDS

2023. Nominated for the 2023 favorite dyadic research publications. Gerontological Society of America, Dyadic Research on Health and Illness Across the Adult Lifespan – Interest Group

2021. Research Development Academy Scholars. University of Tennessee-Knoxville Office of the Provost, Division of Diversity & Engagement and Office of Research, Innovation & Economic Development

2020. Nominated for the excellence in teaching award (PhD program). University of Tennessee-Knoxville College of Nursing.

2018. Beatrice L. Witt Endowment Fund. University of Minnesota School of Nursing.

2017. Beatrice L. Witt Endowment Fund. University of Minnesota School of Nursing.

2017. Lucille Casas Paradela International Fellowship. University of Minnesota School of Nursing

2017. Lucille Casas Paradela International Fellowship 21st. University of Minnesota School of Nursing.

2016. Katharine Desford Dreves Scholarship. University of Minnesota School of Nursing.

2016. M. Ryden and M. Snyder Fellowship in Gerontological Nursing. University of Minnesota School of Nursing.

2016. Lois and George Warp Fellowship in Nursing Research. University of Minnesota School of Nursing.

2016. School of Nursing Warp Fellowship. University of Minnesota School of Nursing.

2015. Katharine Densford Dreves Scholarship. University of Minnesota School of Nursing.

2015. Lucille Casas Paradela International Fellowship. University of Minnesota School of Nursing.

2015. Lucille Casas Paradela International Fellowship 21st. University of Minnesota School of Nursing.

2015. Fellowship for New PhD Students in Nursing. Global Korean Nursing Foundation (Seoul, South Korea).

2015 (Spring semester). Summa Cum Laude. Yonsei University College of Nursing.

2014 (Spring and Fall semesters). Magna Cum Laude. Yonsei University College of Nursing.

2009. Magna Cum Laude. Yonsei University College of Nursing.

TEACHING

GRADUATE

Spring 2024, Spring 2023, Spring 2022, Spring 2021, and Spring 2020. N611 Advanced Quantitative Nursing Research. University of Tennessee-Knoxville College of Nursing.

Fall 2023, Fall 2022, Fall 2021, and Fall 2020. N608 Quantitative Nursing Research. University of Tennessee-Knoxville College of Nursing.

Spring 2021. N609 Research Practicum. University of Tennessee-Knoxville College of Nursing.

Fall 2019. N615 Research Ethics in the Health Sciences. University of Tennessee-Knoxville College of Nursing.

UNDERGRADUATE

Fall 2023. N331 Health Assessment. University of Tennessee-Knoxville College of Nursing.

Spring 2024. N371 Nursing Research. University of Tennessee-Knoxville College of Nursing.

MENTORING

Spring 2024. Anna Collins, Holly Nguyen, & Kayla Streeter (BSN student). *The effect of herbal supplements on adults with chronic arthritic pain: A literature review*. Exhibition of Undergraduate Research and Creative Achievement (EURECA) – Award of Merit, Evidence Based Research. University of Tennessee-Knoxville College of Nursing.

Fall 2021-Summer 2022. Sandra Cobb (PhD student). *Physical activity together for couples living with mild cognitive impairment (PAT-MCI)*. Feasibility study using mixed-methods approach. University of Tennessee-Knoxville College of Nursing.

Spring 2021-Summer 2021. Carrie Lingerfelt (PhD student). *Association of adherence to physical activity and the Mediterranean-dietary approaches to stop hypertension intervention for neurodegenerative delay diet with cognition*. Secondary data analysis using the Health and Retirement Study. University of Tennessee-Knoxville College of Nursing.

Spring 2021. Marissa Bartmess (PhD student). *Multimorbidity and healthcare utilization among African Americans*. Secondary data analysis using the Connecticut Health Care Survey. University of Tennessee-Knoxville College of Nursing.

PROFESSIONAL APPOINTMENTS AND OFFICES

COLLEGE SERVICE: COMMITTEE (UNIVERSITY OF TENNESSEE-KNOXVILLE COLLEGE OF NURSING)

2023-2024. Research and Scholarship Advisory Council, Member

2022-2023. Dissertation Committee for Andrew Ward (PhD student), Member

- Dissertation title and (successful) defense date: A Quantitative and Spatial Analysis of Pancreatic Cancer in South-Central Appalachia. March 31, 2023.

2021-2022. Dissertation Committee for Tracey Stansberry (PhD student), Member

- Dissertation title and (successful) defense date: Tennessee's Hospital Closures: A GIS-Informed Approach to Understanding Access to Care Effects on County-Level Mortality and Rural Communities, 2010-2019. July 27, 2022.

2021-2022. Search Committee for tenure-track/tenured faculty, Member

2020-2023. PhD Admissions Committee, Member

2020. Search Committee for the Associate Dean for Academics, Member

2019-2023. Graduate Student Affairs Committee, Member

2019-2024. Graduate Advisory Council, Member

UNIVERSITY SERVICE: COMMITTEE (UNIVERSITY OF TENNESSEE-KNOXVILLE)

2023-2024. Korean Graduate Student Association, Faculty Advisor

2023-2024. Korean Faculty Association, Chair

2022-2024. Commission for Asian American and Pacific Islander, Member

PROFESSIONAL SERVICE

Global Korean Nursing Foundation (GKNF) USA, The 2023 Annual Conference Rapid Fire Abstract Presentation, Moderator	2023
GKNF USA, Board Member	2023-present
Southern Nursing Research Society (SNRS), Member	2023-present
Asian American Pacific Islander Nurses Association (AAPINA), Finance Committee, Member	2023-present
National Hartford Center of Gerontological Nursing Excellence (NHCGNE), Membership Committee, Member	2022-2023
International Society to Advance Alzheimer's Research and Treatment (ISTAART), Member	2020-present
Sigma Theta Tau International (STTI) Honor Society of Nursing, Gamma Chi Chapter, Member	2020-present
Gerontological Society of America (GSA), Member	2019-present
ISTAART, Student Member	2018-2019
STTI Honor Society of Nursing, Zeta Chapter, Member	2018-present
GSA, Student Member	2016-2019
Korean Society of Nursing Science, Member	2015-2016
STTI Honor Society of Nursing, Lambda Alpha at-Large Chapter, Member	2014-present
Korean Gerontological Nursing Society, Member	2014-2015

EDITORIAL ACTIVITIES

2023. Abstract peer reviewer. *AAPINA Annual Scientific Meeting*

2023. Journal peer reviewer. *Issues in Mental Health Nursing*

2023. Journal peer reviewer. *Digital Health*

2022. Journal peer reviewer. *Clinical Interventions in Aging*

2022. Journal peer reviewer. *Frontiers in Aging Neuroscience*

2022. Journal peer reviewer. *Western Journal of Nursing Research*

2022. Journal peer reviewer. *BMC Geriatrics*

2021-2023. Abstract peer reviewer. *GSA Annual Scientific Meeting*

PROFESSIONAL DEVELOPMENT

2024. NYS infection control mandated training. New York State Nurses Association.

2023. 19th annual AAPINA conference. Korean American Nurses Association of Southern California.

2021. Post pandemic healing for today & resilience for tomorrow translating mental health & informatics science for better health. University of Tennessee-Knoxville College of Nursing.

2021. 2021 pharmacology update. University of Tennessee-Knoxville College of Nursing.

2021. Essentials of the new essentials. Center for Nursing Practice, University of Tennessee-Knoxville College of Nursing.

2021. Third annual Alzheimer's and dementia conference. University of Tennessee Graduate School of Medicine.

2021. Writing for academia: Not as difficult as you think. Southeastern Conference School of Nursing Deans.

2021. The inclusive mindset with Justin Jones-Fosu. Diversity Advisory Council, University of Tennessee-Knoxville College of Nursing.

2018. NYS infection control mandated training. New York State Nurses Association.

2018. NYS child abuse: Identification & reporting. New York State Nurses Association.