

Jinyoung Kim, PhD, RN, FAAN

WORK CONTACT INFORMATION:

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LICENSURE/CERTIFICATIONS:

RN823159 Nevada
RN665615 New York
RN678322 Pennsylvania

EDUCATION

Date	Institution	Field of Study	Degree
2009	Ewha Womans University, Seoul, South Korea	Nursing	Ph.D.
2004	Graduate School of Clinical Health Science, Ewha Womans University	Nursing	MSN
1999	Ewha Womans University, Seoul, South Korea	Nursing	BSN

ACADEMIC EXPERIENCE

Date	Position	Institution, City, State
07/2019 – present	Associate Professor	University of Nevada Las Vegas - School of Nursing
08/2013 – 05/2019	Assistant Professor	University of Pennsylvania - School of Nursing
09/2009 – 07/2013	Postdoctoral research fellow	University of Pennsylvania - Center for Sleep and Circadian Neurobiology
03/2007 – 12/2009	Part-time lecturer	School of Nursing, Korea Nazarene University, Cheonan, South Korea School of Nursing, Eulji University, Sungnam, South Korea School of Nursing, Ewha Womans University Seoul, South Korea
01/2001 – 08/2009	Graduate Research Assistant	Korean Genome and Epidemiology Study, Korea University School of Medicine, Ansan, South Korea

EXPERIENCE OTHER THAN ACADEMIC TEACHING:

Date	Title	Place
1999 – 2000	Staff Nurse	Gastrointestinal unit, Ajou University Hospital, Suwon, South Korea

HONOR SOCIETIES/ACADEMIES:

Date	Organization
2020 – present	American Academy of Nursing
2017 – present	Sigma (previously Sigma Theta Tau, International Nursing Honor Society)

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HONORS AND AWARDS:

2022	\$25,000 NIH COBRE pilot grant, NIPM, University of Nevada Las Vegas
2021	Scholarship Award, School of Nursing, University of Nevada Las Vegas
2020	Fellow of American Academy of Nursing
2020	Outstanding Service Award, Global Korean Nurses Association
2019	\$515,655 NIH/NHLBI R56 Research Grant
2017	\$9,600 Office of Nursing Research grant, University of Pennsylvania
2014	\$10,000 Biobehavioral Research Center Pilot Grant, University of Pennsylvania
2013	\$708,058 NIH/NINR Pathway to Independence Award (R00)
2011	\$85,450 NIH/NINR Pathway to Independence Award (K99)
2011	The Poster Prize, World Sleep Conference 2011, Kyoto, Japan
2009	\$23,000 Postdoctoral Fellowship Award, Korea Research Foundation
2009	The Highest Academic Award, Korean Nurses Association

RESEARCH, CREATIVE ACCOMPLISHMENT, AND SCHOLARSHIP:

PUBLICATIONS

(* denotes data-based; underlined denotes mentored student co-authors)

Refereed Publications

* Yook S, Miao Y, Park C, Park HR, Kim J, Lim DC, Yeon Joo E, Kim H. Predicting brain age based on sleep EEG and DenseNet. *Annu Int Conf IEEE Eng Med Biol Soc.* 2021;2021:245-248.

* Ji X, Compher CW, Irving SY, Kim J, Dinges DF, Liu J. Serum micronutrient status, sleep quality and neurobehavioural function among early adolescents. *Public Health Nutr.* 2021;24(17):5815-5825.

Lim DC, Mazzotti DR, Sutherland K, Mindel JW, Kim J, Cistulli PA, Magalang UJ, Pack AI, de Chazal P, Penzel T; SAGIC Investigators. Reinventing polysomnography in the age of precision medicine. *Sleep Med Rev.* 2020; 52: 101313. doi: 10.1016/j.smrv.2020.101313.

* Mazzotti D, Keenan B, Lim D, Gottlieb D, Kim J, Pack A. Symptom Subtypes of Obstructive Sleep Apnea Predict Incidence of Cardiovascular Outcomes. *Am J Respir Crit Care Med.* 2019; 200(4): 493-506.

* Lee S, Choi K, Chang YH, Kim J†, Shin C. Increased Risk for New-Onset Hypertension in Midlife Male Snorers: The 14-Year Follow-up Study. *J Sleep Res.* 2019;28(5):e12757. doi: 10.1111/jsr.12757.

* Kim J, Keenan B, Lim D, Lee S, Pack A, Shin C. Symptom Based Subgroups of Koreans with Obstructive Sleep Apnea. *J Clin Sleep Med.* 2018;14(3):437-443.

* Keenan B, Kim J, Bittencourt L, Chen NH, Cistulli P, Magalang U, McArdle N, Penzel T, Sanner B, Schwab R, Shin C, Singh B, Sutherland K, Tufik S, Gislason T, and Pack A. Recognizable Clinical Faces of OSA across a Worldwide Sleep Center Population: A Cluster Analysis. *Sleep.* 2018;41(3). doi: 10.1093/sleep/zsx214.

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- * Kim J, Mohler E, Keenan B, Maislin D, Arnardottir E, Gislason T, Benediktsdottir B, Sifferman A, Staley B, Pack F, Maislin G, Chirinos J, Pack A, Kuna S. Carotid Artery Wall Thickness in Obese and Non-Obese Adults with Obstructive Sleep Apnea Before and Following Positive Airway Pressure Treatment. *Sleep*. 2017;40(9). doi: 10.1093/sleep/zsx126.
- * Ham OK, Kim J, Lee GB, Choi E. Behavioral Characteristics and Cardiovascular Disease Risks Associated with Insomnia and Sleep Quality among Midlife Women. *Res Nurs Health*. 2017;40(3):206-217.
- * Byun E, Kim J, Riegel B. Associations of Sleep Quality and Daytime Sleepiness with Cognitive Impairment in Adults With Heart Failure. *Behav Sleep Med*. 2017;15(4):302-317.
- * Kim J, Pack A, Riegel B, Chirinos J, Hanlon A, Lee S, Shin C. Objective Snoring Time and Carotid Atherosclerosis in Nonapneic Female Snorers. *J Sleep Res*. 2017;26(2):147-150.
- * Im EO, Kim J, Chee E, Chee W. The Relationships between Psychological Symptoms and Cardiovascular Symptoms Experienced during Menopausal Transition: Racial/Ethnic Differences. *Menopause*. 2016;23(4):396-402.
- * Lee SK, Kim JS, Kim SH, Kim YH, Lim HE, Kim EJ, Park CG, Cho GY, Kim J, Baik I, Park J, Lee JB, Shin C. Sodium Excretion and Cardiovascular Structure and Function in the Nonhypertensive Population: The Korean Genome and Epidemiology Study. *Am J Hypertens*. 2015;28(8):1010-1016.
- * Kim J, Pack A, Maislin G, Lee SK, Kim SH, Shin C. Prospective Observation on the Association of Snoring with Subclinical Changes in Carotid Atherosclerosis Over 4 Years. *Sleep Medicine*. 2014;15(7):769-775.
- * Kim SH, Cho GY, Baik I, Lim SY, Choi CU, Lim HE, Kim EJ, Park CG, Park J, Kim J, Shin C. Early Abnormalities of Cardiovascular Structure and Function in Middle-Aged Korean Adults with Prehypertension: The Korean Genome Epidemiology Study. *Am J Hypertens*. 2011;24(2):218-224.
- * Kim SH, Baik I, Kim J, Kim S, Lim HU, Shin C. Association of Coronary Artery Calcification with Obstructive Sleep Apnea and Obesity in Middle-Aged Men. *Nutr Metab Cardiovasc Dis*. 2010;20(8):575-582.
- * Yi H, Shin KR, Kim J, Kim JS, Lee J, Shin C. Validity and reliability of Sleep Quality Scale in subjects with obstructive sleep apnea syndrome. *J Psychosom Res*. 2009;66(1):85-88.
- * Kim J, Yi H, Shin KR, Kim JH, Jung KH, Shin C. Snoring as an Independent Risk Factor for Hypertension in the Nonobese Population: the Korean Health and Genome Study. *Am J Hypertens*. 2007;20(8):819-824.
- * Kim J, Kim E, Yi H, Joo S, Shin KR, Kim JH, Kimm K, Shin C. Short-Term Incidence Rate of Hypertension in Korea Middle-Aged Adults. *J Hypertens*. 2006;24(11):2177-2182.
- * Yi H, Shin KR, Shin C, Kim J. Prevalence and Associated Factors of Excessive Daytime Sleepiness in Korean Adults. *Journal of Korean Academy of Nursing*. 2006;36(5):829-836.
- * Kim E, Joo S, Kim J, Ahn JC, Kim JH, Kimm K, Shin C. Association between C-Reactive Protein and QTc Interval in Middle-Aged Men and Women. *Eur J Epidemiol*. 2006;21(9):653-659.

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- * Shin KR, Shin S, Kim JS, Kim J. Effects of a Drug Misuse and Abuse Prevention Program on Knowledge, Attitude, and Preventive Behaviors Related to Drug Misuse and Abuse, and Depression in Low-Income Elderly Women. *Journal of Korean Academy of Nursing*. 2005;35(5):763-773.
- * Shin KR, Shin S, Kim JS, Kim J. The Effects of Fall Prevention Program on Knowledge, Self-Efficacy, and Preventive Activity Related to Fall, and Depression of Low-Income Elderly Women. *Journal of Korean Academy of Nursing*. 2005;35(1):104-112.
- * Shin KR, Kim JS, Kim J. Comparison of Subjective Health Status, Health Status, and Behavior of Health Promotion between Low-Income and General Older Women. *Journal of Adult Nursing Academy*. 2005;17(5):732-742.
- * Shin C, Kim J, Kim J, Lee S, Shim J, In K, Kang K, Yoo S, Cho N, Kimm K, Joo S. Association of Habitual Snoring with Glucose and Insulin Metabolism in Nonobese Korean Adult Men. *Am J Respir Crit Care Med*. 2005;171(3):287-291.
- * Kim J, Choi C, Shin K, Yi H, Park M, Cho N, Kimm K, Shin C. Prevalence of Restless Legs Syndrome and Associated Factors in the Korean Adult Population: the Korean Health and Genome Study. *Psychiatry Clin Neurosci*. 2005;59(3):350-353.
- * Shin C, Kim J, Yi H, Lee H, Lee J, Shin K. Relationship between Trait-Anger and Sleep Disturbances in Middle-Aged Men and Women. *J Psychosom Res*. 2005;58(2):183-189.
- * Shin C, Abbott RD, Lee H, Kim J, Kimm K. Prevalence and Correlates of Othostatic Hypotension in Middle-Aged Men and Women in Korea: The Korean Health and Genome Study. *J Hum Hypertens*. 2004;18(10):717-723.

Non-refereed Publications and Blog Postings

Kim, J. (2020). A Dream To Sleep Well - Why Healthy Breathing Matters. UNLV School of Nursing blog.

INTERNATIONAL/NATIONAL PRESENTATIONS

Invited Presentations/Keynote Address - International

- Kim, J.** (2020). Current Trends in Sleep Research: Sleep Disordered Breathing and Cardiovascular Diseases”, Nov 2020, International Conference of Chonnam Research Institute of Nursing Science, Chonnam University School of Nursing, Chonju, South Korea
- Kim, J.** (2020). Sleep Disordered Breathing and Cardiovascular Diseases, Dec 2020, Faculty Seminar, Ewha Womans University, Seoul, South Korea
- Kim, J.** et al. (2015). Gender difference in the relationship between snoring and atherosclerosis, Nov 2015, World Sleep 2015 conference, Istanbul, Turkey. (Symposium speaker, invited)
- Kim, J.** et al. (2015). Objective snoring and its association with carotid atherosclerosis: gender difference”, Mar 2015, World Congress on Sleep Medicine, Seoul, South Korea

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Invited Presentations/Keynote Address - National

Kim, J. et al. (2014). The effect of snoring on changes in carotid atherosclerosis over 6 years, May 2014, SLEEP 2014 conference, Minneapolis, MN , Published in Sleep, 37 (Abstract supplement) A111.

Kim, J. et al. (2012). The effect of snoring on carotid atherosclerosis: 4-year follow-up study of the KoGES", May 2012, SLEEP 2012 conference, Boston, MA, Published in Sleep, 35 (Abstract supplement) A135.

Invited Presentations/Keynote Address – Regional/Local

Kim, J. (2021). Sleep and Your Brain Health, Monthly Forum, Department of Brain Health, UNLV, Las Vegas, NV

Kim, J. (2016). Sleep-disorder breathing and cardiovascular health, Invited speech, Innovations in Advanced Practice Research conference, Shenandoah University, Winchester, VA

Kim, J. (2013). Simple snoring and carotid atherosclerosis, 1-hr didactic seminar, Sleep research conference, Center for Sleep and Circadian Neurology, University of Pennsylvania, Philadelphia, PA

Kim, J. (2012). Subjective measurement of sleep, 1-hr didactic seminar, Sleep workshop series, School of Nursing, University of Pennsylvania, Philadelphia, PA

Kim, J. (2011). Obstructive sleep apnea, 1-hr didactic seminar, Sleep workshop series, School of Nursing, University of Pennsylvania, Philadelphia, PA

Kim, J. (2011). My journey to K99/R00 application: snoring research, 30-min talk, Excellence in Nursing Research meeting, George Madison University, Fairfax, VA

Kim, J. (2010). Snoring without apneic events: is it threatening or not?, 1-hr didactic seminar, Sleep research conference, Center for Sleep and Circadian Neurology, University of Pennsylvania, Philadelphia, PA

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GRANTS AND CONTRACTS

Active support

Kim, J (Pilot PI), NIH Center of Biomedical Research Excellence Program (5P20GM121325-05, PI: Schiller)

\$25,000

06/01/2022-05/31/2023

Identification of subtypes of shift workers and subtype-specific biomarkers that may predict Alzheimer's disease

Inter-individual differences in the ability to adapt or not adapt to the disruption in the sleep-wake schedule exist in shift workers and may lead to different clinical and cognitive responses. The purpose of this study is to evaluate DNA methylation levels in circadian genes as a potential biomarker that may reflect current sleep health in shift workers

Role: PI of a pilot study

Kim, J (PI), 1R56HL148430-01, NIH/NHLBI

\$515,655

09/20/2019-08/31/2022 (including no-cost extension)

Personalizing obstructive sleep apnea management: associating symptom subtype to objective sleep traits and physiological biomarkers

This study aims to assess whether we can use symptoms to identify different subgroups of people with obstructive sleep apnea (OSA) and whether these symptoms can be explained by novel physiological signals obtained from the sleep study. In addition, we will assess whether three months of positive airway pressure (PAP) treatment can change the symptoms and signals in the sleep study.

Role: PI

Previous support

Hodgson, N (PI), R01-NR015226-01, NIH/NINR

\$2,155,785.00

09/2016 - 08/2019

The Role of Palliative Care Interventions to Reduce Circadian Rhythm Disorders in Persons with Dementia

This 5-year efficacy trial will test the "Healthy Patterns" intervention, a home-based activity intervention designed to improve symptoms of circadian rhythm disruption (CDR) and quality of life (QOL) in persons with dementia and their family caregivers. The success of the intervention will be determined by its impact on palliative outcomes including patient and caregiver measures of QOL as well as actigraphic, neuroendocrine, and proxy reported measures of CDR symptoms.

Role: Co-I

Kim, J (PI), ONR research grant, University of Pennsylvania School of Nursing

\$9,600.00

04/2017-03/2018

A comprehensive investigation of predictors for excessive daytime sleepiness and symptom change in patients with obstructive sleep apnea (OSA)

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The purposes of this study are: (a) to comprehensively investigate potential risk factors that may explain the presence of excessive daytime sleepiness in patients with OSA at the time of diagnosis, and further, (b) to prospectively examine whether changes in those factors over time during treatment relate to symptom changes.

Role: PI

Kim, J (PI), R00-NR013177, NIH/NINR

\$708,058.00

08/2013-06/2017 (includes no-cost extension of 1 year)

An objective snoring index and its association with carotid atherosclerosis

Specific aims are: (a) to validate the independent association of the snoring index with carotid atherosclerosis in a large cohort, (b) to determine the sensitivity, specificity, and optimal cut-off point of the snoring index, and (c) to examine the interactions between snoring, obstructive sleep apnea, and obesity as risk factors for carotid atherosclerosis.

Role: PI

Kim, J (PI), Biobehavioral Research Center pilot grant

\$10,000.00

06/2014-05/2015

Exploration of the potential impact of snoring on the upper airway structure change

The purpose of the study is to examine whether habitual snoring relates to structural and volumetric changes in the upper airway (UA) soft tissues that may worsen UA collapsibility and develop more severe OSA.

Role: PI

Kim, J (PI), K99-NR013177, NIH/NINR

\$85,450.00

09/2011-07/2013

An objective snoring index and its association with carotid atherosclerosis

The purpose of the study is to develop an algorithm to quantify snoring and determine the objective snoring index that is optimally associated with carotid atherosclerosis in a case-control study.

Role: PI

Ham, E (PI), The Korean Research Foundation

11/2014-07/2017

Influence of sleep quality on health status of peri-menopausal women and effects of cognitive-behavior therapy for insomnia in improving insomnia and reducing cardiovascular disease risks

The purposes of this study are to: (a) examine the effect of sleep quality on cardiovascular health outcomes in peri-menopausal women and (b) examine the effects of cognitive behavioral therapy for insomnia on the improvement of insomnia symptoms and cardiovascular risk factors.

Role: Consultant

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TEACHING:

COURSES TAUGHT

University of Nevada, Las Vegas School of Nursing

Graduate courses

Statistical Methods for Nursing Research I	SP & FU 2020, FU 2021
Statistical Methods for Nursing Research II	SP 2021, SP2022

Pre-nursing courses

Stats for the Health Science	FU 2021, SP2022
Medical Terminology	Fall 2019

STUDENT MENTORING

University of Nevada, Las Vegas School of Nursing

Graduate Advisory Committee Chair/Co-Chair

2020-present	Meghan Liebzeit. PhD Dissertation committee, Chair
2022-present	Shannon Johnson. PhD Dissertation committee, Co-Chair

Graduate Advisory Committee Member

2021-present	PhD Dissertation Committee member, Tressa Quayle
2020-present	PhD Dissertation committee member, Alexandra Duke
2020-present	PhD Dissertation committee member, Shannon Richard
2020-2022	PhD Dissertation committee member, Debra Fox
2020-2021	PhD Dissertation committee member, Joseph Janakes

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SERVICE:

Professional Organizations

2020-present	Board of Directors and Co-Chair of Scholarship Committee, Global Korean Nurses Foundation
2020-present	Communications Committee, Asian American/Pacific Islander Nurses Association

Regional/Local

2019- 2021	EBP and nursing research committee, VA Southern Nevada Healthcare System, Las Vegas, NV
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University of Nevada, Las Vegas

University

2022-present	Special Hearing Committee, University of Nevada Las Vegas
2020-2021	Graduate Course Review Committee, University of Nevada Las Vegas

School of Nursing

2020-2022	Chair, Search Committee for Associate Dean for Research
2021-2022	PhD Admissions Committee
2020-2021	PhD Admissions Committee
2020-2021	DNP Admissions Committee

PROFESSIONAL MEMBERSHIPS:

2020-present	American Nurses Association
2020-present	American Academy of Nursing
2017-present	Sigma Theta Tau International
2018-present	Asian American/Pacific Islander Nurses Association
2017-present	Global Korean Nurses Foundation
2017-2019	Eastern Nursing Research Society
2010-present	American Academy of Sleep Medicine
2013-2015	American Heart Association