

CURRICULUM VITAE

Chooza Moon, PhD, RN

Assistant Professor

College of Nursing, 316 CNB

The University Iowa

Iowa City, Iowa 52242

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Update 1-27-2022

EDUCATION & PROFESSIONAL HISTORY

Education

2017	Postdoc	University of Wisconsin-Madison, School of Nursing, Madison, WI
2016	PhD, Nursing	University of Wisconsin-Madison, School of Nursing, Madison, WI Minor: Clinical investigation
2010	MS, Nursing	University of Pennsylvania, School of Nursing, Philadelphia, PA Role Preparation: Adult Acute Critical Care Nurse Practitioner
2005	BS, Nursing	Catholic university of Korea, College of Nursing, Seoul, Korea

PhD Dissertation:

Sleep Apnea, Cognition, and Brain Among Heart Failure Patients

PROFESSIONAL LICENSURE AND CERTIFICATIONS

Licenses

2017 - current	Registered Nurse, State of Iowa, USA, License # 148807
2008 - current	Registered Nurse, State of New York, USA, License # 593208
2011 - current	Registered Nurse, State of Wisconsin, USA, License # 178691
2005 - current	Registered Nurse, South Korea, License # 212152

Certifications

2011	Acute Care Nurse Practitioner/American Nurses Credentialing Center (Expired)
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HONORS AND AWARDS

Feb 2023	Nominated for Collegiate Teaching Award, University of Iowa College of Nursing
Dec 2022	Strategic Investment Fund, University of Iowa
Aug 2022	Butler-Williams Scholar Program, National Institute on Aging
Jul 2022	Alzheimer's Association International Conference Travel Award
Mar 2020	Midwest Nursing Research Society Gerontology Research Interest Group New Investigator Award
Jun 2019	University of Iowa Old Gold Summer Fellowship
Jun 2018	Sleep Research Society 2018 Career Skills Early Career Stage Clinical Investigator Award
Nov 2016	American Heart Association Grant Proposal Review Panel
Jun 2016	Sleep Research Society Trainee Education Advisory Committee Mentorship Program
Jun 2016	Sleep Research Society Trainee Merit Based Award, Sleep Research Society
Dec 2014	Vilas Conference Presentation Funding, University of Wisconsin-Madison
Nov 2014	American Heart Association's Council on Cardiovascular and Stroke Nursing (CVSN)

May 2014 Early Career Travel Stipend, American Heart Association
 Signe Skott Cooper Writing Award, University of Wisconsin-Madison Sleep and cognition
 in Heart Failure Patients
 Sept 2013 Wisconsin Distinguished Graduate Fellowship University of Wisconsin- Madison
 Sept 2011 Biological Science Scholar Award, University of Wisconsin-Madison
 Sept 2009 Induction into Sigma Theta Tau International Nursing Honor Society
 Feb 2005 Best student in practical nursing student among class of 2005, The Catholic University of
 Korea
 Mar 2002 Academic Excellence Scholarship, The Catholic University of Korea
 Mar 2004 Alumni Scholarship, The Catholic University of Korea

PROFESSIONAL EXPERIENCE

Academic Appointments

Sep 2017 - Present **Assistant Professor**, University of Iowa, College of Nursing, Iowa
 City, IA

Research Positions

Aug 2016- Aug 2017 **Research Associate, postdoctoral fellow**, University of Wisconsin-
 Madison, School of Nursing, Madison, WI

Jan 2013 – Aug 2016 **Research Assistant/ Project Assistant**, University of Wisconsin-Madison,
 School of Nursing, Madison, WI
“Heart and Brain Connection study” (PI: Lisa Bratzke PhD RN ANP-BC
 FAHA)

Nov 2011 – Aug 2016 **Research Assistant**, William S. Middleton Memorial Veterans Hospital,
 Geriatric Research, Education and Clinical Center, Madison, WI
“Sleep and Memory Study” (PI: Cynthia Phelan PhD RN)

Sep 2012 – Aug 2015 **Research Assistant**, University of Wisconsin-Madison, School of Nursing ,
 Madison, WI
*“Improving Bone Health Among Older Adults in Rural Wisconsin
 Communities”* (PI: to Diane Lauver PhD RN FAAN)

Jan 2009 – Aug 2009 **Research Assistant**, University of Pennsylvania, School of Nursing,
 Philadelphia, PA
“the Effects of Transition of Living Situation in Elderly Population” (PI:
 Sheila Molony PhD RN)

Clinical Appointments

Jun 2005 – Jul 2008 **Registered Nurse**, Seoul St. Mary’s hospital, Catholic University of Korea,
 Seoul, Korea

SCHOLARSHIP

Research Statement

My research focuses on determinants and consequences of sleep disturbance in older adults, especially related to cognitive impairment and neural change.

Publications

Working papers

1. **Moon, C.**, Cole, R., Xiao, Q., & Voss, M (in preparation). 24 hour Rest Activity Cycles and Resting State Functional Connectivity in Older Adults
2. **Moon, C.**, Wang, B., & Zhang, M (in preparation). The Longitudinal Relationship Between Multiple Chronic Conditions and Cognitive Symptoms in Individuals with National Alzheimer's Coordinating Center
3. **Moon, C.**, Wang, B., & Zhang, M (in preparation). The Relationship Between Multiple Chronic Conditions and Cognitive Symptoms in Individuals with National Alzheimer's Coordinating Center: Results from Random Forest Models
4. **Moon, C.**, Burgess, H.J., Kosik, T., Hopkins, L., Zhang, M, Benson, C.J., & Hoth, K. (in preparation) Sleep, Circadian Rhythm Characteristics and Brain Volume and Cognition in Life Adults with and without Coronary Artery Disease.
5. **Moon, C.**, Burgess, H.J., Kosik, T., Hopkins, L., Zhang, M, Benson, C.J., & Hoth, K. (in preparation) Sleep, Circadian Rhythm Characteristics and White Matter Microstructures in Life Adults with and without Coronary Artery Disease.
6. **Moon, C.**, Burgess, H.J., Kosik, T., Hopkins, L., Zhang, M, Benson, C.J., & Hoth, K. (in preparation) 24 hour Activity Cycle and Functional Connectivity in Later Life Adults
7. **Moon, C.**, Zhang, M., Kim J., Wenzel, S., Tran-Dong, M.(in preparation). The Association between Physical Activity Interventions and Brain Metabolites: A Systematic Review and Meta-Analysis

*Peer Reviewed Papers (*databased, underline-student trainee/mentees)*

1. **Moon, C.**, Schneider, A. C., Cho, Y.E., Zhang, M., Vu, K. Dang, H. (in review, after resubmission). The Association between Sleep Duration and Amyloid β Accumulation Among Cognitively Healthy Later Life Adults: A Systematic Review. *Sleep Medicine Review*
2. Schneider, A.C., **Moon, C.**, Whitaker, K, Bao, W., & Xiao, Q (in review). Midlife in the United States (MIDUS) objectively measured sleep associations with cognitive function". *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*
3. *Zhang, C., Guist, C., Rossmann, P., **Moon, C** (in review, after resubmission) Lightbox therapy for seasonal affective disorder in college students, *Western Journal of Nursing Research*
4. **Moon, C.**, Benson, C.J., Albashayreh, A., Perkhounkova, Y., Burgess, H.J., (2022) Sleep, Circadian Rhythm Characteristics and Melatonin Levels in Later Life Adults with and without Coronary Artery Disease. *Journal of Clinical Sleep Medicine*
5. *Schneider, A. C., **Moon, C.**, Whitaker, K. M., Zhang, D., Carr, L. J., Bao, W., & Xiao, Q. (2022). Cross-sectional and prospective associations between self-reported sleep

characteristics and cognitive function in men and women: The Midlife in the United States study. *Journal of sleep research*, *Journal of sleep research*, 31(3), e13515.

6. * Farag, A., **Moon, C.**, & Xiao, Q. (2021). Work and Personal Characteristics Associated With Sleep Behavior Among Acute Care Nurses. *Journal of Nursing Regulation*, 12, 40-51.
7. * Schneider, A. C., **Moon, C.**, Whitaker, K., Zhang, D., Carr, L. J., Bao, W., & Xiao, Q. (2021). Association of Sleep With Risk of Alzheimer's Disease Mortality: NIH-AARP Diet and Health Study. *Journal of applied gerontology : the official journal of the Southern Gerontological Society*, 41(4), 1057–1065.
8. *Kim, D., Roberts, T, & **Moon, C.** (2021) Relationships among types of activity engagement and sleep quality among older adults. *BMJ Geriatrics*, 21(1), 87.
9. **Moon, C.** (2020). A need for comprehensive care planning for excessive daytime sleepiness symptoms in older adults who receive long-term services and support. *International Psychogeriatrics*, 32(7), 799-801.
10. ***Moon, C.**, Hagen E.W., Johnson, H.M., Brown, R.L., & Peppard, P.E. (2020). Longitudinal Sleep Characteristics and Hypertension Status: Results from the Wisconsin Sleep Cohort Study. *Journal of Hypertension*, 39(4), 683–691.
11. Lor, M., Oyessanya, T, Chen, C. Cherwin, C., & **Moon, C.** (2018). Postdoctoral opportunities for nursing PhD graduates: A resources guide, *Western Journal of Nursing Research*, 41 (3). 459-476.
12. ***Moon, C.**, Bendlin B. B., Melah, K.E, & Bratzke, L.C. (2018). The Association of Sleep-Disordered Breathing and White Matter Hyperintensities in Heart Failure Patients, *Metabolic brain disease*, 33, 2019-2029.
13. ***Moon, C.**, Melah, K.E., Johnson, S.C., Bratzke, L.C. (2018). Sleep-Disordered Breathing, Brain Volume, and Cognition in Older Individuals with Heart Failure, *Brain and Behavior*, 8(7), e01029.
14. *Bratzke, L. C., Carlson, B.A., Brown, R.L., **Moon, C.**, Kosciak, R.L., & Johnson, S.C. (2018). Multi-morbidity: implications for cognition – findings from the Wisconsin Registry for Alzheimer's Prevention (WRAP). *Applied Nursing Research* 42, 56-61.
15. ***Moon, C.**, Melah, K.E., Rivera-Rivera, L., & Bratzke, L.C. (2018). Multimodal Brain Imaging Investigation of Self-Reported Sleep Quality and Daytime Sleepiness in Older Adults with Heart Failure, *The International Journal of Neuroscience*, 128 (11), 1044-1051.
16. *Liebzeit, D., Phelan, C., **Moon, C.**, Brown, R., & Bratzke, L. (2016). Rest-Activity Patterns in Older Adults with Heart Failure and Healthy Older Adults. *Journal of Aging and Physical Activity*, 25 (1), 116-122
17. ***Moon, C.**, Phelan, C. H., Lauver, D. R., & Bratzke, L. C. (2016). A Narrative Review of How Sleep-Related Breathing Disorders and Cardiovascular Diseases Are Linked: An Update for Advanced Practice Registered Nurses. *Clinical Nurse Specialist CNS*, 30(6), 347–362.
18. ***Moon, C.**, Yoon, J. Y., & Bratzke, L.C. (2016). Sleep Disturbance, Heart Failure, and Cognitive Function in Older Individuals: A Mediation Analysis. *Western Journal of Nursing Research*, 39(4) 473-491.

19. ***Moon, C.**, Phelan, C. H., Lauver, D. R., & Bratzke, L. C. (2015). Is sleep quality related to cognition in individuals with heart failure? *Heart & Lung: The Journal of Critical Care*, 44(3), 212–218. <http://doi.org/10.1016/j.hrtlng.2015.02.005>
20. **Moon, C** (2012). Preoperative Intra-Aortic Balloon Pumping in High Risk Cardiac Surgery Patients. *Dimensions of Critical Care Nursing*, 31(4), 223-227.

Published abstracts (*databased, underline-student trainee/mentees)

1. **Moon, C.**, Burgess, J. H., Gardner, S., Benson, C., Magnotta, V., Kosciak, T., Hoth, K. (2022) Development and Implementation of Research Team: Lessons Learned from Conducting Studies Focusing on Sleep and Brain Aging, *Journal of Clinical and Translational Science*, 6, p33-34
2. *Zhang, C., Guist, C., Rossmann, P., **Moon, C** (2022) Lightbox therapy for seasonal affective disorder in college students, *Sleep* 45, Abstract supplement, B0661
3. ***Moon, C.**, Cole, R.A.C., Xiao, Q., & Voss, M.W. (2020) Associations between Rest-Activity Patterns and Resting-State Networks in Older Adults, *Sleep* 43, Abstract Supplement.
4. ***Moon, C.**, Hagen, .E.W., & Peppard, P.E. (2018). Sleep Characteristics Are Associated With White Matter Microstructure in Middle-Aged and Older Adults: Findings From the Wisconsin Sleep Cohort Study, *Sleep* LBA, Abstract supplement
5. ***Moon, C.**, Birn, R., Melah, K., & Bratzke, L.C.,(2017). Heart failure and Default Mode Network, *Circulation*, 2017;136:A13842
6. ***Moon, C.**, Melah, K., & Bratzke, L. C. (2016). Comparison of Self-Reported Sleep Quality by Sleep Apnea Status in Individuals with Heart Failure, *Sleep* 39, Abstract supplement, B0734
7. ***Moon, C.**, Phelan C.H., Hagen.W.J, & Peppard, P.E. (2016) Differences in Age-related Trajectories of Sleep Characteristics by Hypertension Status: Results from the Wisconsin Sleep Cohort Study, *Sleep* 39, Abstract supplement, B0735
8. *Melah, K., Jankowski, B., **Moon, C.**, Rivera, L., Wieben, O., Johnson, S. C., & Bratzke, L. C. (2016) Reduced Middle Cerebral Artery Blood Flow Is Associated with Decrements in Executive Functioning, Attention, and Verbal Learning and Memory in Aging Individuals with Heart Failure: A 4D Flow MRI Study, *Alzheimer's and Dementia*, 12 (7), supplement, 950-952
9. ***Moon, C.**, Melah, K., Johnson, S. C., & Bratzke, L. C. (2015). The Relationships Among Sleep Apnea, Brain Volumes, and Cognition in Individuals With Heart Failure. *Circulation*, 132(Suppl 3), A12886–A12886.
10. *Melah, K., **Moon, C.**, Johnson, S. C., & Bratzke, L. C. (2015). Regional Distribution of Cerebral White Matter Hyperintensities in HFrEF and HFpEF. *Circulation*, 132(Suppl 3), A18696–A18696.
11. ***Moon, C.**, Melah, K., Johnson, S., & Bratzke, L.C. (2015) The Impact of Sleep Apnea on White Matter Hyperintensities among Individuals with Heart Failure. *Sleep*, 38, Abstract Supplement, B0931
12. ***Moon, C.**, Yoon, J. Y., Lauver, D. R., & Bratzke, L. (2014). Abstract 19813: Sleep Disturbance, Heart Failure, and Cognitive Function in Older Individuals: The Aging Demographics, and Memory Study (ADAMS). *Circulation*, 130(Suppl 2), A19813–A19813.

13. *Moon, C., Phelan, C, Sprecher, K, Barczi, S, Benca, R (2014). Evaluation of an in-home Multi-channel Portable Device as Compared to an Overnight in-Lab Polysomnography to Screen for Obstructive Sleep Apnea in Older Adults. *Sleep*, 37, Abstract Supplement, A373
14. *Moon, C, Fahlberg, B, & Lauver, D. R. (2012) Quality of Life in Heart Failure Patients with Sleep Disturbances. *Heart and Lung*, 41(4), 416-417

Research Grants

Extramural (funded)

2019-2023 Circadian Rhythm, Sleep, and Brain in Aging. Moon, PI 5% . Alzheimer's Association. AARG-19-618403, \$150,000

Training Grants (funded)

2021-2024 Circadian Rhythms, Multimorbidity, and Neural Alterations, Scholar 75% NIH/ACTS KL2TR002536 (PI: Bassuk)
\$264,079

2013 – 2014 Sleep and Cognition in Heart Failure Patients, Moon (PI), Wisconsin Distinguished Graduate Fellowship University of Wisconsin- Madison \$18,756

Intramural (funded)

2021-2023 Predictive MCC Combinations on Alzheimer's Pathology and Symptoms, Moon (Pilot PI), Gardner & Rakel (MPI), NIH/ NINR P20 NR018081 *Center for Advancing Multimorbidity Science: Profiling risk and symptom expression to develop customized therapies for adults with multiple chronic conditions (CAMS)* \$62,500

2022-2023 Move-ome: mapping 24-hour activity cycles in midlife to promote lifelong cognitive health and resilience, (PI: Voss, Role: Co-I) Jumpstarting Tomorrow Award, \$75,000

2022-2023 AYA Survivorship Study, (PI: Carr, Role: Co-I) Jumpstarting Tomorrow Award, \$24,961

2022-2023 Adverse Childhood Event, Cognitive Behavioral Therapy for Insomnia, and Cardiovascular Disease (PI: Jenkins, Role: Co-I), UI Injury Prevention Research Center, \$22,500

2018 – 2020 A Pilot for the Healthy Aging and Heart Study, Moon PI, Barbara and Richard Csomay Center for Gerontological Excellence, Moon (PI), The University of Iowa College of Nursing, No grant ID, \$15,000

2019- 2019 A Pilot for the Sleep, Heart, and Aging Study Collaborative. Moon PI, Center on Aging, University of Iowa, No grant ID, \$25,000

2014 – 2016 Comparing Brain Structures by Presence of Obstructive Sleep Apnea in Individuals with Heart Failure. Moon PI, Sigma Theta Tau Beta Eta- At- Large. \$1,500

External Submitted, Unfunded

- 2020 Circadian Rhythm and Functional Connectivity: A Novel Mechanistic Target for Alzheimer's Disease and Related Dementias Pathology, Moon, PI, National Institute on Aging, K23 (Not Discussed)
- 2019 Trajectories of Sleep Quality and Late Life White Matter Structures: Secondary Analysis of Wisconsin Sleep Cohort Study, Moon, PI, National Heart, Lung, and Blood Institute R21 (Initial Submission Score: 42, Resubmission: (Not Discussed))

Research and Clinical Presentations (* *databased, underline-student trainee/mentee.*)

International

1. 2022 Moon,C. Circadian rhythms and brain aging, Seoul National University, Seoul, Korea, Invited Talk.
2. 2022 Sleep in Stroke Patients, International Conference Stroke Update 2022, Seoul, Korea, Invited Talk.
3. 2019 **Moon, C.** Exploring the Roles of Sleep and Circadian Rhythm in Cognitive Aging. Seoul National University, Seoul, Korea. Invited Talk

National

1. *Joel, B., & Moon, C. (2023) The rest-activity rhythms and its association with metabolic syndrome in middle-aged adults. Submitted to SLEEP 2023 Conference, Indianapolis, IN June 3-7
2. *Zucker, A.C., Schwager L.E., Hart T.W, Flores M.H., Moon,C; Thomas, E.B.K.,& Jenkins,N.D.M. (2023) Preliminary Investigation of Links Between Adverse Childhood Experiences and Device-Measured Sleep Characteristics in Young Adults, Submitted to SLEEP 2023 Conference, Indianapolis, IN June 3-7
3. *Flores, M.H., Schwager L.E., Moon,C., Thomas, E.B.K., & Jenkins,N.D.M. (2023) Perceived Stress Mediates the Association Between Adverse Childhood Experiences and Sleep Quality in Young Adults, Submitted to SLEEP 2023 Conference, Indianapolis, IN June 3-7
4. *Hart, T.W., Schwager L.E., Moon,C., Thomas, E.B.K.,& Jenkins,N.D.M. (2023) Thomas W. Hart; Laura E. Schwager; Anna C. Zucker; Mark H. Flores; Chooza Moon; Emily B.K. Thomas; Nathaniel D.M. Jenkins. Associations among childhood stress, actigraphy-measured sleep efficiency, and fasting glucose concentrations in young adults, Submitted to SLEEP 2023 Conference, Indianapolis, IN June 3-7
5. **Moon, C.**, Zhang, M., Wang, B., & Hoth. K (2022). Longitudinal association between multimorbidity, cognitive decline and neuropsychiatric symptoms, 2022 Alzheimer's Association International Conference, San Diego, CA
6. **Moon, C.**, Schneider, A., Zhang, M., Cho, Y., Vu, K., & Dang, H. (2022). The Association of Sleep Duration and Sleep Efficiency with Amyloid β Accumulation Among Cognitively Healthy Later Life Adults: A Systematic Review. 2022 Alzheimer's Association International Conference, San Diego, CA
7. **Moon, C.**, Burgess, J. H. , Gardner, S., Benson, C., Magnotta, V., Kosciak, T., Hoth, K. (2022) Development and Implementation of Research Team: Lessons Learned from Conducting

Studies Focusing on Sleep and Brain Aging, 2022 Association for Clinical and Translational Science Meeting, Chicago, IL

8. Zhang, M. Guist, C., Rossmann, P., & Moon, C., (2022) Lightbox Therapy for College Students' Seasonal Affective Disorder Symptoms. *Sleep*, 2022, Charlotte, NC
9. * Zhang, M. & Moon, C. (2021). The Relationship Between Nighttime Behaviors, Neuropsychiatric Symptoms, and Alzheimer's Disease CSF Biomarkers. *GSA 2021 Annual Scientific Meeting*. Nov. 10-14.2021, Phoenix, AZ
10. *2020 **Moon, C.**, Clark, R.A.C., Xiao, Q & Voss, M. Exploring the Associations between Circadian Activity Rhythms and Resting State Functional Connectivity in Cognitively Healthy Older Adults. 2020 SLEEP Meeting, Associated Professionals of Sleep Society, Philadelphia, PA [peer reviewed poster presentation]
11. *2018 **Moon, C.**, Hagen.E.J, & Peppard, P.E. Sleep Characteristics Are Associated With White Matter Microstructure in Middle-Aged and Older Adults: Findings From the Wisconsin Sleep Cohort Study, SLEEP, Baltimore, Maryland [Peer Reviewed Podium Presentation]
12. *2017 **Moon, C.**, Birn, R., Melah, K., & Bratzke, L.C., Heart failure and Default Mode Network, 2017 American Heart Association Scientific Sessions, Anaheim, CA [Peer Reviewed Podium Presentation]
13. *2016 **Moon, C.**, Phelan C.H., Hagen.W.J, & Peppard, P.E. Differences in Age-related Trajectories of Sleep Characteristics by Hypertension Status: Results from the Wisconsin Sleep Cohort Study. Annual conference of SLEEP, Denver, CO [Peer Reviewed Poster Presentation]
14. *2016 **Moon, C.**, Melah, K., & Bratzke, L.C. Comparison of Self-Reported Sleep Quality by Sleep Apnea Status in Individuals with Heart Failure. Annual conference of SLEEP, Colorado [Peer Reviewed Poster Presentation]
15. *2015 **Moon, C.**, Melah, K., Johnson, S., & Bratzke, L.C. The Relationships Among Sleep Apnea, Brain Volumes, and Cognition in Individuals with Heart Failure. American Heart Association 2015 Scientific sessions, Orlando, FL [Peer Reviewed Poster Presentation]
16. *2015 Melah, K., **Moon, C.**, Johnson, S., & Bratzke, L.C. Regional distribution of cerebral white matter hyperintensities in aging individuals with systolic or diastolic heart failure compared to age matched controls: A neuroimaging analysis. American Heart Association 2015 Scientific sessions, Orlando, FL [Peer Reviewed Poster Presentation]
17. *2015 **Moon, C.**, Melah, K., Johnson, S., & Bratzke, L.C. The Impact of Sleep Apnea on White Matter Hyperintensities among Individuals with Heart Failure. Annual conference of SLEEP 2015 Seattle, WA [Peer Reviewed Podium Presentation]
18. *2015 **Moon, C.**, Melah, K., Johnson, S., & Bratzke, L.C. Sleep Apnea and Grey Matter Volume in Individuals with Heart Failure: A Voxel-Based Morphometric Analysis. International Neuropsychological Society 43rd Annual Meeting, February 4~7th, 2015, Denver, CO [Peer Reviewed Poster Presentation]
19. *2014 **Moon, C.**, Yoon. J, Bratzke L., & Lauver D.R. Sleep disturbance, heart failure, and cognitive function: Aging Demographic and Memory Study (ADAMS). *American Heart Association 2014 Scientific Sessions*, Chicago, IL [Peer Reviewed Poster Presentation]

20. *2014 Yoon, J.Y, Grau, B., Lee, G., Yu, Z., & **Moon, C.** The Influence of Perceived Person-centered Care on Residents' Life Adjustment and Satisfaction in Long-term Care Settings. Gerontology Society of America 67th Annual Scientific Meeting, Washington, DC [Peer Reviewed Poster Presentation]
21. *2014 **Moon, C.**, Phelan, C, Sprecher, K, Barczy, S, Benca, R. Evaluation of an in-home Multi-channel Portable Device as Compared to an Overnight in-Lab Polysomnography to Screen for Obstructive Sleep Apnea in Older Adults. Annual conference of *SLEEP 2014*, Minneapolis, MN [Peer Reviewed Poster Presentation]
22. *2014 **Moon, C.**, Bratzke, L., Phelan, C, & Lauver, D.R. *Sleep Quality and Cognitive Impairment among Individuals with Heart Failure*. Midwest Nursing Research Society 2014 Annual Conference, St. Louis, MO [Peer Reviewed Podium Presentation]
23. *2012 **Moon, C.**, Fahlberg, B, & Lauver, D. R., *Quality of Life in Heart Failure Patients with Sleep Disturbances* 2012 The American Association of Heart Failure Nurses 8th Annual Conference, Chicago, IL*[Peer Reviewed Podium Presentation]

Regional

1. 2022 Zhang, M., Hoth, K., Kosciak, T, Hopkins, L., Magnotta, V., and **Moon C.** Association Between Rest-Activity Rhythm and White Matter Hyperintensity in Older Adults with and without Multiple Chronic Conditions (MCC) *2022 Midwestern Nursing Research Society Annual Research Society Annual Research Conference*,
2. *2021 Weihs, C.E., AlBashayreh, A.E., Vu, K.H., Jacobo, A., Zhang, M., & **Moon, C.** Relationships Among Caffeine, Alcohol, and Sleep in Older Adults With and Without Coronary Artery Disease. *2021 Midwestern Nursing Research Society Annual Research Conference*. Poster presentation. March 24-27, 2021, Virtual Conference
3. *2020 Willardson, B., AlBashayreh, A., Hoth, K, & **Moon., C.** Pain and Cognition in Individuals with Coronary Heart Disease. 2010 Midwest Nursing Research Society Annual Research Conference, Midwest Nursing Research Society, Schaumburg, IL
4. *2019 **Moon, C.**, Burgess, H., AlBashayreh, A., Magnotta, V., & Hoth, K. The Feasibility of Circadian Rhythm and Magnetic Resonance Imaging Data Collection in Older Adults with a Cardiovascular Disease: A Review of Preliminary Findings from the Healthy Aging, Heart, and Sleep Study. 2019 Midwest Nursing Research Society Annual Research Conference, Midwest Nursing Research Society, Kansas City, MO. Peer Reviewed Poster Presentation.

Local

1. **Moon, C.** Measurement of Circadian Rhythms and Comparison of Actigraph Devices and Methods for Adults, Move-Ome Roundtable Series, University of Iowa, May 6, 2022
2. Whitaker, K and **Moon, C.** Introduction to 24-hour activity cycles and rest activity cycles/ training for three devices for measuring movements and sleep. Move-Ome Wearable Workshop, University of Iowa, Oct 14&15, 2022 [Workshop Organization planning and implementation]
3. 2022 Wenzel. S., Tran-Dong, M., Zhang, M., & **Moon, C.** 17th Annual Summer Undergraduate Research Conference, University of Iowa, Iowa City, IA. [Poster Presentation]

4. 2019 **Moon, C.** Sleep and Circadian Rhythm in Aging. Aging, Mind, and Brain Initiative Annual Conference, University of Iowa. Iowa City, IA
5. 2018 **Ling, P, Cao, Q., & Moon, C.** Sleep Duration and Hippocampal Volume in People with Heart Failure. 13th Annual Summer Undergraduate Research Conference, University of Iowa, Iowa City, IA. [Poster Presentation]
6. 2015 Liebzeit, D., Phelan, C.H., **Moon, C.**, Bratzke, C., Rest/Activity and Cognitive Correlates among Older Adults with Chronic Heart Failure. Nursing Poster Fair, University of Wisconsin Madison School of Nursing and the Nursing Research Council at University of Wisconsin Hospital Clinics, Madison, WI [Poster Presentation]
7. 2013 **Moon, C.**, Phelan., C, Bratzke, L. & Lauver, D. R. Sleep Related Breathing Disorders, the Brain, and Cognition in Heart Failure: Coincidence or Correlates? Poster presentation at the Discovery Challenge Conference, University of Wisconsin- Madison, Madison, WI [Poster Presentation]

SERVICE

Professional Service

Editorial and Peer Review Service (2019-current)

2022	BMC Geriatrics
2022	Alzheimer's and Dementia
2021,2022	Research in Gerontological Nursing
2020,2021,2022	<i>Journal of Gerontological Nursing</i>
2020,2021,2022	<i>Clinical Nurse Specialist</i>
2020,2021,2022	<i>Clinical Nursing Research</i>
2020	<i>PLOS ONE</i>
2020	<i>Journal of Neuroscience Nursing</i>
2020	<i>Biological Psychiatry</i>
2020	<i>Public Health Nursing</i>
2020	<i>Brain Sciences</i>
2020	<i>International Psychogeriatrics</i>
2019	<i>Western Journal of Nursing Research</i>
2019	<i>Journal of Psychosomatic Research</i>
2019	<i>Heart and Lung: The Journal of Acute and Critical Care</i>

Research Award Reviewer

Mar, 24- Mar, 25, 2022	Center for Scientific Review Special Emphasis Panel Covering Topics in MCI/Alzheimer's Disease (Risks, correlations, interventions), National Institute of Health
Nov, 2018- Present	Alzheimer's Association Research Grant
Oct, 28, 2020	Biobehavioral Mechanisms of Stress and Health (MESH) Study Section, National Institute of Health
Aug, 2017	Sigma Theta Tau International Beta Eta Chapter.

Society/Association membership, participation and leadership

- 2014 - current American Heart Association, member
- 2013 - current Sleep Research Society
 - Jun 2020- May, 2021 Annual Appeal committee
 - Jun 2019- May, 2020 communication committee
- 2013 - current Midwestern Nursing Research Society
 - 2020 - current, Gerontological Research Interest Group, Newsletter committee
- 2019- current Alzheimer's Association
 - Reviewer, Alzheimer's Association Research Grant
 - Sleep and Circadian Rhythms Professional Interest Group, member

Collegiate Service University of Iowa

- 2018- current BSN Admissions Committee
 - June 2020-current, Chair
- 2020- current Collaborative Leadership Group, member
- 2019- current Research Advisory Group, member
- 2018 – 2023 Title: Center for Advancing Multimorbidity Science: Profiling risk and symptom expression to develop customized therapies for adults with multiple chronic conditions (CAMS) NIH/NINR Moon (Center Associate)

TEACHING

Instructional Activities

University of Iowa

- Spring 2018 NURS 3438 Nursing and Pharmacological Interventions II
 - Co- instructor, Undergraduate level, 72 students
- Fall 2018 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 72 students
- Spring 2019 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 63 students
- Fall 2019 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 71 students
- Spring 2020 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 72 students
- Fall 2020 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 70 students
- Spring 2021 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 80 students
- Fall 2021 NURS 3438 Nursing and Pharmacological Interventions II
 - Lead instructor, Undergraduate level, 80 students
- Fall 2022 3438 Nursing and Pharmacological Interventions II Lead

instructor, Undergraduate level, 74 students

University of Wisconsin-Madison

Spring 2017, NURS 312 Human Response to Health and Illness
II Teaching Assistant

Spring 2016, NURS 312, Human Response to Health and Illness
II Teaching Assistant

Mentoring and Advisement

Spring, 2022- Current	Allison Suen, Research Assistant
Spring, 2022- Current	Andrea Torres, Research Assistant
Fall, 2021- Current	Melanie Tran-Doung, Research Assistant
Spring, 2021 - Current	Caitlin Guist, Research Assistant
Summer., 2022	Shannon Wenzel, Research Assistant (Csomay Scholar)
Spring, 2021 - Current	Hellen Deng, Research Assistant
Fall, 2020- Fall, 2021	Kelly Vu, Research Assistant
Fall, 2018 – Fall, 2021	Claire Weihs, Research Assistant
Summer, 2019 – Spring, 2020	Brooke Willardson, Research Assistant
Fall, 2020	Abilene Jacobo, Research Assistant
Fall, 2018 – Summer, 2019	Pangyuan Ling, Research Assistant
Fall, 2018 – Spring, 2019	Grace Smith, Research Assistant
Spring, 2019	Karli Bruxvoort, Research Assistant
Fall, 2018	Lauren Owens, Research Assistant
Fall, 2018	Qian Cao, Research Assistant
Summer, 2018	Camille Lozaretto, Research Assistant

Independent Study

2018	Ling Pangyuan, Pre-nursing student
2022	Jihye Lee, PhD Student

PhD Dissertation Committee

In progress

Meina Zhang
Title: Rest Activity Rhythms and Cognition in Older Adults.

Completed

Nicole Pierce
Title: Endovascular Revascularization Failure in African American Patients: Developing a Predictive Model. (May 2020)

Aaron Schneider
Title: Sleep and the Association with Alzheimer's Disease Outcomes: NIH- AAARP Study. (May 2020)

Master Thesis Committee

In progress
Nicholas Farkas
Title Vitalis: Exploring the Feasibility, Efficacy, and Acceptability of a lifestyle Survivorship Program in Adolescent and Young Adult (AYA) Cancer Survivors.