CURRICULUM VITAE

Chooza Moon, PhD, RN

Assistant Professor

College of Nursing, 316 CNB The University Iowa Iowa City, Iowa 52242 (319) 335-7035 <u>chooza-moon@uiowa.edu</u>

Update 9-22-2021

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)

HONORS AND AWARDS

- Jun 2021 Reviewer, Alzheimer's Association Research Grant
- Oct 2020 Junior Reviewer, Biobehavioral Mechanisms of Emotion, Stress and Health(MESH) study section
- 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 2016 American Heart Association Grant Proposal Review Panel
- Jun 2016 Sleep Research Society Trainee Education Advisory Committee Mentorship Program
- Jun 2016 2016 Sleep Research Society Trainee Merit Based Award, Sleep Research Society
- Dec 2014 Vilas Conference Presentation Funding, University of Wisconsin-Madison
- Nov 2014 2014 American Heart Association's Council on Cardiovascular and Stroke Nursing (CVSN) Early Career Travel Stipend, American Heart Association

May 2014	2014 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
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
	<i>"Improving Bone Health Among Older Adults in Rural Wisconsin Communities"</i> (PI: to Diane Lauver PhD RN FAAN)
Jan 2009 – Aug 2009	Research Assistant, University of Pennsylvania, School of Nursing, Philadelphia, PA
	<i>"the Effects of Transition of Living Situation in Elderly Population"</i> (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

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

- 1. *Farag, A., **Moon, C.**, Xiao, Q. (2021). Work and personal characteristics associated with sleep behavior among acute care nurses. *Journal of Nursing Regulation*, (in press)
- 2. *Schneider. A., **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*, (in press)
- 3. *Kim, D., Roberts, T, & **Moon, C.** (2021) Relationships among types of activity engagement and sleep quality among older adults. *BMJ Geriatrics*, *21*(1), 87.
- 4. **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. doi:10.1017/S1041610220001301
- 5. ***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.
- 6. 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.
- *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.
- 8. ***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.
- 9. *Bratzke, L. C., Carlson, B.A., Brown, R.L., Moon, C., Koscik, R.L., & Johnson, S.C. (2018). Multimorbidity: implications for cognition – findings from the Wisconsin Registry for Alzheimer's Prevention (WRAP). Applied Nursing Research 42, 56-61.
- *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.
- 11. *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

- *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.
- *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.
- *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
- 15. **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., 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.
- 2. *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
- 3. *Moon, C., Birnn, R., Melah, K., & Bratzke, L.C.,(2017). Heart failure and Default Mode Network, *Circulation*, 2017;136:A13842
- 4. ***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
- *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
- *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
- *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.
- 8. *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.
- *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

- *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.
- *Moon, C., Phelan, C, Sprecher, K, Barczi, S, Benca, R (2014). Evaluation of an in-home Multichannel Portable Device as Compared to an Overnight in-Lab Polysomnography to Screen for Obstructive Sleep Apnea in Older Adults. *Sleep*, 37, Abstract Supplement, A373
- 12. *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: Basuk) \$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)

- 2018 2020A Pilot for the Healthy Aging and Heart Study, Moon PI, Barbara and Richard Csomay Center for
Gerontological Excellence, 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 2016Comparing 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)

Intramural I(in review)

2021 Predictive MCC Combinations on Alzheimer's Pathology and Symptom, P20 Pilot, National Institute for Nursing Research

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

International

1. 2019 Moon, C. Exploring the Roles of Sleep and Circadian Rhythm in Cognitive Aging. University, Seoul, Korea. Invited Talk

National

- * 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 (accepted)
- 2. *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]
- 3. *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]
- 4. *2017 **Moon, C**., Birnn, R., Melah, K., & Bratzke, L.C., Heart failure and Default Mode Network, 2017 American Heart Assoication Scientfic Sessions, Anneheim, CA [Peer Reviewed Podium Presentation]
- 5. *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]
- *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]
- *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]
- *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]
- *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]
- 10. *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, Feburary 4~7th, 2015, Denver, CO [Peer Reviewed Poster Presentation]

- 11. *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]
- *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]
- *2014 Moon, C., Phelan, C, Sprecher, K, Barczi, 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]
- *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]
- 15. *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

- 2022 Zhang, M., Hoth,K., Koscik, 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, submitted
- *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
- *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
- *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. 2019 **Moon. C.** Sleep and Circadian Rhythm in Aging. Aging, Mind, and Brain Initiative Annual Conference, University of Iowa. Iowa City, IA

- 2018 L <u>ing, P, Cao, Q.,</u> & 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]
- 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]
- 4. 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)

2021	Research in Gerontological Nursing
2020,2021	Journal of Gerontological Nursing
2020,2021	Clinical Nurse Specialist
2020,2021	Clinical Nursing Research
2020	PLOS ONE
2020	Journal of Neuroscience Nursing
2020	Biological Psychiatry
2020	Public Health Nursing
2020	Brain Sciences
2020	International Psychogeriatrics
2019	Western Journal of Nursing Research
2019	Journal of Pyschosomatic Research
2019	Heart and Lung: The Journal of Acute and Critical Care

Research Award Reviewer

Oct, 28, 2020	Biobehavioral Mechanisms of Stress and Health (MESH) Study Section, National
	Institute of Health
Nov, 2018- Present	Alzheimer's Association
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, member
	June 2020- current, 2021 Annual Appeal committee member
	June, 2019- June, 2020 communication committee member
2013 - current	Midwestern Nursing Research Society, member

May, 2020- current Newsletter committee 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 Coinstructor, 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

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,2021 - Current Spring,2021 - Current Fall, 2020- Current Fall, 2018 – Current Summer, 2019 – Spring, 2020 Fall, 2020 Fall, 2018 – Summer, 2019 Fall, 2018 – Spring, 2019 Spring, 2019 Fall, 2018 Fall, 2018 Summer, 2018 Caitlin Guist, Research Assistant Hellen Deng, Research Assistant Kelly Vu, Research Assistant Claire Weihs, Research Assistant Brooke Willardson, Research Assistant Abilene Jacobo, Research Assistant Pangyuan Ling, Research Assistant Grace Smith, Research Assistant Karli Bruxvoort, Research Assistant Lauren Owens, Research Assistant Qian Cao, Research Assistant Camille Lozaretto, Research Assistant

Independent Study

2018 Ling Pangyuan, Pre-nursing student, instructor

PhD Dissertation Committee

Spring, 2019- Spring 2020, Nicole Pierce (Dissertation Committee)

Title: Endovascular Revascularization Failure in African American Patients: Developing a predictive model Spring, 2019-Spring 2020, Aaron Schneider (Dissertation Committee)

Title: Sleep and the Association with Alzheimer's Disease Outcomes: NIH- AAARP Study