

# **CURRICULUM VITAE**

## **Bomin Jeon, PhD, MSN, RN**

Associate Faculty

The University of Iowa, College of Nursing  
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### **EDUCATION**

#### **Degrees**

2022            PhD, Nursing, University of Pittsburgh, Pittsburgh, PA  
2016            MSN, Nursing, Seoul National University, Korea (ROK)  
2010            BSN, Nursing, Seoul National University, Korea (ROK)

#### **Dissertation and Thesis**

Jeon, B. (2022). The roles of obstructive sleep apnea and insomnia on mood, diabetes-related distress, and glycemic control in adults with type 2 diabetes mellitus [Doctoral dissertation]. Pittsburgh: School of Nursing, University of Pittsburgh

Jeon, B. (2016). Factors influencing sleep disturbances among older adults living within a community [Master thesis]. Seoul: College of Nursing, Seoul National University

#### **Licensure**

2019-present    New York State Board of Nursing, RN licensure, #763814  
2010-present    South Korea, RN licensure, #271933

### **PROFESSIONAL EXPERIENCE**

#### **Academic Appointments**

Fall 2022-Present            Associate Faculty, University of Iowa, College of Nursing, Iowa City, IA  
Fall 2018-Spring 2022        Teaching Assistant, University of Pittsburgh, School of Nursing, Pittsburgh, PA  
Fall 2018-Summer 2020       Graduate Student Researcher, University of Pittsburgh, School of Nursing, Pittsburgh, PA  
Project:                        Real-time Monitoring Lifestyle Behaviors in Healthcare Providers Engaged in Shift work: A Pilot, Feasibility Study, PI: Christopher C. Imes, University of Pittsburgh's Healthy Lifestyle Institute

Role: Actigraphy data cleaning and entry  
Fall 2020-Spring 2022 Graduate Student Researcher, University of Pittsburgh, School of Nursing, Pittsburgh, PA  
Project: Self-Management, Insomnia, and Glucose Control in Adults with diabetes, PI: Eileen R. Chasens, K24 NR016685  
Role: Actigraphy data cleaning and entry, statistical analysis

### **Clinical Appointments**

5/2010-9/2017 Registered Nurse, Surgical ward/Health Care Center, Seoul National University Hospital, Seoul, Korea (ROK)

### **Professional Training**

2021 Introduction to Mediation, Moderation and Conditional Process Analysis Workshop (Haskayne School of business, University of Calgary)  
2020 Annual Sleep Research Society (SRS) Trainee Symposia Series (TST)  
2019 2019 Trainee Education Advisory Committee (TEAC) Leadership Workshop (Sleep Research Society)

### **HONOR AND AWARD**

2021 Sigma Theta Tau, Eta Chapter Enid Goldberg Award for Graduate Students Pursuing a Career in Nursing Leadership, University of Pittsburgh, Pittsburgh, PA  
2010 Cum Laude, School of Nursing, Seoul National University, Seoul, Korea (ROK)

### **SCIENTIFIC RESEARCH GRANTS**

#### *Intramural Research Grants*

09/2021-08/2022 Insomnia, Psychological Symptoms, and Glucose outcome in Adults with Type 2 Diabetes Mellitus and Obstructive Sleep Apnea: Mediation Analysis, Julianna Shayne Research Award, **PI: Jeon**, School of Nursing Center for Research and Education, University of Pittsburgh, \$448  
07/2020-08/2021 The Role of Obstructive Sleep Apnea and Insomnia on Depressive symptoms and Diabetes-related Distress in Adults with Type 2 Diabetes Mellitus, Margaret E. Wilkes Scholarship Fund Award, **PI: Jeon**, School of Nursing Center for Research and Education, University of Pittsburgh, \$400

### **SCHOLARSHIP**

#### **Publications [KEY: \* = data-based; bold = my authorship]**

##### *Peer Reviewed Papers*

1. **Jeon, B.**, Baek, J. (Under review). Menstrual disturbances and its association with sleep disturbances: A systematic review. *BMC Women's Health*
2. \*Morris, J. L., Orbell, S., Scott, P. W., Imes, C. C., **Jeon, B.**, Baniak, L. M., Burke, L. E., Chasens, E. R. (Under review). Risk stratification by sex and menopausal status in the Multivariable Apnea Prediction index. *Sleep Medicine*.
3. \*Wilckens, K., **Jeon, B.**, Morris, J. L., Buysse, D. J., Chasens, E. R. (2022). Effects of CPAP treatment on sleep architecture in adults with obstructive sleep apnea and type 2 diabetes. *Frontiers in Human Neuroscience, section Brain Health and Clinical Neuroscience*. 16:924069. <https://doi.org/10.3389/fnhum.2022.924069>
4. \*Baniak, L. M., Chasens, E. R., Imes, C. C., **Jeon, B.**, Shi, X., Strollo, P. J., Luyster, F. S. (2022). Sleep problems and associations with cardiovascular disease and all-cause mortality in asthma-COPD overlap: Analysis of the National Health and Nutrition Examination Survey (2007-2012). *Journal of Clinical Sleep Medicine*. 18(6):1491-1501. <https://doi.org/10.5664/jcsm.9890>
5. \*Morris, J. L., Belcher, S. M., **Jeon, B.**, Godzik, C. M., Imes, C. C., Luyster, F. S., Sereika, S. M., Scott, P. W., Chasens, E. R. (2021). Financial hardship and its associations with perceived sleep quality in participants with type 2 diabetes and obstructive sleep apnea. *Chronic Illness*. Advance online publication. <https://doi.org/10.1177/17423953211065002>
6. \***Jeon, B.**, Luyster, F. S., Sereika, S. M., DiNardo, M. M., Callan, J. A., Chasens, E. R. (2021). Comorbid obstructive sleep apnea and insomnia and its association with mood and diabetes-related distress in type 2 diabetes mellitus. *Journal of Clinical Sleep Medicine*. 18(4):1103- 1111. <https://doi.org/10.5664/jcsm.9812>
7. Chasens, E. R., Imes, C. C., Kariuki, J. K., Luyster, F. S., Morris, J.L., DiNardo, M. M., Godzik, C. M., **Jeon, B.**, Yang, K. (2021). Sleep and metabolic syndrome. *Nursing Clinics of North America*. 56(2):203-217. <https://doi.org/10.1016/j.cnur.2020.10.012>
8. **Jeon, B.**, Luyster, F. S., Callan, J.A., Chasens, E.R. (2021). Depressive symptoms in comorbid obstructive sleep apnea and insomnia: An integrative review. *Western Journal of Nursing Research*. 43(11):1061-1072. <http://doi.org/10.1177/0193945921989656>
9. \***Jeon, B.**, Sereika, S. M., Callan, J. A., Luyster, F. S., DiNardo, M. M., Chasens, E. R. (2020). Age-related differences in mood, diabetes-related distress, and functional outcomes in adults with type 2 diabetes mellitus and comorbid obstructive sleep apnea and insomnia. *The Diabetes Educator*. 46(6):540-551. <https://doi.org/10.1177/0145721720958396>
10. \***Jeon, B.M.**, Choi-Kwon, SM. (2017). Factors influencing sleep disturbances among older adults living within a community. *Korean Journal of Adult Nursing*. 29(3):235-245. <https://doi.org/10.7475/kjan.2017.29.3.235>

### Research and Clinical Presentations [KEY: \* = data-based; bold = my authorship]

#### International

- 2022 \*Chasens, E. R., **Jeon, B.**, Orbell, S., Morris, J. L., Luyster, F. (July 2022). Functional outcomes and daytime sleepiness in adults with type 2 diabetes and sleep disorders.

Podium presentation at Sigma Theta Tau's 33rd International Nursing Research Conference. Edinburgh, Scotland

- 2022 \***Jeon, B.**, Luyster, F. S., Sereika S. M., DiNardo, M.M., Callan J. A., Chasens, E. R. (June 2022). The moderating effect of comorbid insomnia on the association of obstructive sleep apnea with mood, and with diabetes-related distress in adults with type 2 diabetes. *SLEEP*, 45(Supplement 1):A263-A264. <https://doi.org/10.1093/sleep/zsac079.597>. Oral and poster presentation at SLEEP 2022. Charlotte, NC.
- 2021 \***Jeon, B.**, Luyster, F. S., Sereika, S. M., DiNardo, M. M., Callan, J. A., Chasens, E. R. (June 2021). Chronotype, mood, and diabetes-related distress in adults with type 2 diabetes. *SLEEP*, 44(Supplement 2):A258-A259. <https://doi.org/10.1093/sleep/zsab072.659>. Oral and poster presentation at virtual SLEEP 2021.
- 2020 \*Tran, L., **Jeon, B.**, Chasens, E. R. (August 2020). Sleep, chronic pain, and global health in adults ages 65 or older. *SLEEP*, 43(Supplement 1):A316, <https://doi.org/10.1093/sleep/zsaa056.825>. Poster presentation at virtual SLEEP 2020.
- 2020 \***Jeon, B.**, Luyster, F. S., Chasens, E. R. (August 2020). Associations between circadian preference and sleep-related thoughts: Data from the 2015 Sleep In America Poll. *SLEEP*, 43(Supplement 1): A298-A299. <https://doi.org/10.1093/sleep/zsaa056.781>. Poster presentation at virtual Sleep 2020.
- 2019 \*Zheng, Y., Korytkowski, M., Sereika, S. M., Burke, L. E., Atwood, C. W., Strollo, P. J., Stansbury, R., **Jeon, B.**, Chasens, E. R. (June 2019). Association between insomnia and insulin adherence. *Diabetes*, 68(Supplement 1): 863-P. <https://doi.org/10.2337/db19-863-P>. Poster presentation at ADA Scientific Sessions. San Francisco, CA.
- 2019 \***Jeon, B.**, Baniak, L. M., Zheng, Y., Sereika, S. M., Atwood, C. W., Strollo, P.J., Stansbury, R., Chasens, E. R. (June 2019). Comparison of sleep quality and functional outcomes between younger and older adults with comorbid obstructive sleep apnea and insomnia. *SLEEP*, 42 (Supplement 1): A280-A281. <https://doi.org/10.1093/sleep/zsz067.698>. Poster presentation at SLEEP 2019. San Antonio, TX.
- 2019 \*Chasens, E. R., Sereika, S. M., Baniak, L., **Jeon, B.**, Bizhanova, Z., Korytkowski, M., Atwood, C., Stanbury, R., Strollo, P. J. (August 2019). Nighttime sleep and daytime function in type 2 diabetes and OSA: The effect of CPAP. Podium presentation at Sleep & Breathing. Helsinki, Finland.
- 2017 \*Choi-Kwon, SM., **Jeon, BM.** (October 2017). Are there any differences in subjective and objective sleep measurement. Poster presentation at World Sleep 2017. Prague, Czech Republic.
- 2014 \***Jeon, B.**, Jeong, HM., Lee, JH. (September 2014). Improving client satisfaction through the client-customized waiting time management during medical consultation. Poster presentation at ISQua: The International Society for Quality in Health Care. Rio de

Janeiro, Brazil.

*Local/Regional*

- 2021 \***Jeon, B.**, Luyster, F. S., Sereika, S. M., DiNardo, M. M., Callan, J. A, Chasens, E.R., (November 2021). Comorbid obstructive sleep apnea and insomnia and its associations with mood and diabetes-related distress in type 2 diabetes mellitus. Poster presentation at University of Pittsburgh Center for Sleep & Circadian Science Research Day. Pittsburgh, PA.
- 2021 \***Jeon, B.**, Luyster, F. S., Sereika, S. M., DiNardo, M. M., Callan, J. A, Chasens, E.R., (November 2021). Comorbid obstructive sleep apnea and insomnia and its associations with mood and diabetes-related distress in type 2 diabetes mellitus. Oral presentation at Sigma Eta Chapter Scholars Night, Pittsburgh, PA.
- 2020 Jeon, B. (November 2020). Current big data analysis in the field of sleep study: From Virtual Sleep 2020. Oral presentation for University of Pittsburgh School of Nursing Hub for Sleep and Circadian Science, Pittsburgh, PA.

**SERVICE**

**Professional Service**

- 2022-present Midwest Nursing Research Society, Member
- 2022-present Sigma Theta Tau International Honor Society of Nursing, Gamma Chapter, Member
- 2019-present Sleep Research Society, Member
- 2019-2021 Sigma Theta Tau International Honor Society of Nursing, Eta Chapter, Member

**Editorial and Peer Review Service**

- 2022 European Respiratory Journal, Manuscript Reviewer
- 2022 Scientific Reports Journal, Manuscript Reviewer
- 2021 Applied Nursing Research Journal, Manuscript Reviewer
- 2021 Sigma theta Tau Scholars Night Eta chapter, Abstract Reviewer

**Collegiate and University Service**

*School of Nursing, University of Pittsburgh*

- 2021 University of Pittsburgh Planning and Budget Committee  
PhD student representative
- 2021 Anti-Asian Racism and Xenophobia Meeting  
School of Nursing PhD student representative
- 2019 NCLEX Clinical Judgement Question Development Project  
Graduate Student Nurse Researcher

## TEACHING

### **Course Instruction**

*Teaching Assistant, School of Nursing, University of Pittsburgh*

- Fall 2021-Spring 2022      NUR 1120 Advanced Nursing Management of Adults with Acute and Complex Health Problems Didactic (BSN program)
- Fall 2018-Summer 2021    NUR 0080 Foundations of Nursing Practice 1 (Accelerated 2<sup>nd</sup> Degree BSN program)  
NUR 1281 Foundations of Nursing Practice 2 (BSN program)
- Fall 2020                      NUR 0020 Pathophysiologic Foundations of Nursing Care (BSN program)
- Summer 2020                NUR 1060 Nursing Care of Clients with Psychiatric Mental Health Problems (BSN program)

### **Mentoring Activities**

*School of Nursing, University of Pittsburgh*

- Spring 2011                *Role:* Undergraduate Honors Thesis Committee Member  
*Student name:* Long Tran  
*Project:* Association between pain, sleep, health, functional outcomes, and perceived pain control self-efficacy in older adults
- Fall 2011                    *Role:* Undergraduate Research Mentorship Program Mentor  
*Student name:* Lily Robertson  
*Project:* Menstrual disturbances and its association to sleep health: A systematic review