

Lichuan Ye, PhD, RN

Curriculum Vitae

Northeastern University
Bouvé College of Health Sciences
School of Nursing
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FORMAL EDUCATION

2008	Ph.D.	University of Pennsylvania, Philadelphia, PA Nursing
2004	M.S.	Sichuan University, Chengdu, China Geriatrics and Internal Medicine
2001	B.S.	Sichuan University, Chengdu, China Nursing

LICENSURE / CERTIFICATION

2008 – Massachusetts Registered Nurse (RN) 283886

EMPLOYMENT HISTORY

Academic Appointments

2017 –	Associate Professor (with tenure) Bouvé College of Health Sciences School of Nursing, Northeastern University, Boston, MA
2015 – 2017	Associate Professor (with tenure) Boston College William F. Connell School of Nursing, Chestnut Hill, MA
2008 – 2015	Assistant Professor Boston College William F. Connell School of Nursing, Chestnut Hill, MA

Appointments at Hospitals / Affiliated Institution

2015 – 2018	Visiting Associate Professor (summer), West China Hospital & West China School of Medicine & School of Nursing, Chengdu, China
2010 –	Nurse Scientist, Brigham and Women's Hospital, Boston, MA
2009 – 2010	Sponsored Research Staff, Division of Sleep Medicine, Brigham and Women's Hospital, Boston, MA
2007	Staff Nurse II, Medical Telemetry Unit Hospital of University of Pennsylvania, Philadelphia, PA
2004 – 2008	Teaching Assistant and Research Assistant University of Pennsylvania, School of Nursing, Philadelphia, PA

AWARDS/ HONORS

2015	Selected Participant, "Sleep, Circadian Rhythms, and Aging: New Avenues for Improving Brain Health, Physical Health and Functioning," sponsored by the National Institute on Aging and the American Geriatrics Society
2014	Excellence in Nursing Research Award American Nurses Association Massachusetts
2014	Excellence in Teaching and Clinical Research Award Boston College Connell School of Nursing
2010 – 2016	Haley Nurse Scientist, Brigham and Women's Hospital, Boston, MA

- 2008 Dissertation Award, Eastern Nursing Research Society/ Council for Advancement of Nursing Science
- 2008 Graduate Student Association Council Travel Grant, University of Pennsylvania
- 2007 Eleanor Lambertson RN Scholar, American Nurses Foundation Research Award
- 2007 Honorable Mention Abstract Award, Sleep Research Society
- 2007 Xi Chapter Research Award, Sigma Theta Tau International Honor Society of Nursing
- 2007 Graduate Student Association Council Travel Grant, University of Pennsylvania
- 2007 Selected Mentee, National Coalition of Ethnic Minority Nurse Associations
- 2005 Graduate Student Association Council Travel Grant, University of Pennsylvania
- 2004 – 2005 University Fellowship, University of Pennsylvania, Philadelphia, PA
- 2004 Induction, Sigma Theta Tau International Honor Society of Nursing (Xi Chapter)
- 2001 Outstanding Graduate Award, Sichuan University, China
- 1996 – 2001 Merit Scholarship, Sichuan University, China

PUBLICATIONS

Refereed Articles (*data-based)

- * **Ye, L.**, Dykes, P. (in press). Individualized Sleep Promotion in Acute Care Hospitals: Managing Factors that Affect Patient Sleep. *mHealth*.
- Genta, P.R., Kaminska, M., Edwards, B., Ebben, M. R., Krieger, A.C., Tamisier, R., **Ye, L.**, Weaver, T.E., Vanderveken, O., Filho, G.L., DeYoung, P., Hevener, W., Strollo, P (accepted). The Importance of Mask Selection on CPAP Outcomes for Obstructive Sleep Apnea: An Official American Thoracic Society Workshop Report. *American Thoracic Society Documents Review*.
- Richards, R., Wang, T. Jun, J., **Ye, L.** (invited review). A Focused Review of Sleep Measurement in Critically Ill Patients. *Frontiers in Neurology*.
- * **Ye, L.**, Owens, R.L., Dykes, P. (2019). Individualized Sleep Promotion in Acute Care Hospitals: Identifying Factors that Affect Patient Sleep. *Applied Nursing Research*, 48: 63-67.
- Carter, P., **Ye, L.**, Richards, R., and Vallabhaneni, V. (2019). Sleep & Memory: The Promise of Precision Medicine. *Sleep Medicine Clinics*, 14 (3): 371-378.
- * Pien, G., **Ye, L.**, Keenan, B.T., Maislin, G., Björnsdóttir, E., Arnardóttir, E. S., Benediksdóttir, B., Gislason, T., Pack, A., I. (2018) Changing Faces of OSA: Treatment Effects by Cluster Designation in the Icelandic Sleep Apnea Cohort. *SLEEP*, 41(3).
<https://doi.org/10.1093/sleep/zsy042>
- Ye, L.** and Richards, K (2018). Sleep and Long-Term Care. *Sleep Medicine Clinics*, 13, 117-125.
- * **Ye, L.** Antonelli, M. T., Willis, D. G., Kayser, K., Malhotra, A, Patel, S. R. (2017) Couple's Experiences with CPAP Therapy: A Dyadic Perspective. *Sleep Health - Journal of the National Sleep Foundation*, 3(5): 362-367. <https://doi.org/10.1016/j.sleh.2017.07.003>

- Ye, L.,** Malhotra, A., Kayser, K., Willis, D.G., Horowitz, J., Aloia, M., Weaver, T.E. (2015). Spousal Involvement and CPAP Adherence: A Dyadic Perspective. *Sleep Medicine Reviews*, 19C: 67-74. <http://dx.doi.org/10.1016/j.smrv.2014.04.005>. PMID: PMC4225184.
- * **Ye, L.,** Smith, A. (2015). Developing and Testing a Sleep Education Program for College Nursing Students. *Journal of Nursing Education*, 54(9), 532-535. doi:10.3928/01484834-20150814-09
- * **Ye, L.,** Johnson, S.H., Keane, K., Manasia, M., Gregas, M. (2015). Napping in College Students and Its Relationship with Nighttime Sleep. *Journal of American College Health*, 63(2), 88-97. doi:10.1080/07448481.2014.983926
- * **Ye, L.,** Pien, G.W., Ratcliffe, S.J., Björnssdottir, E., Arnardottir, E.S., Pack, A.I., Benediktsdottir, B., Gislason, T. (2014). The Different Clinical Faces of Obstructive Sleep Apnea: A Cluster Analysis. *European Respiratory Journal*, 44(6):1600-1607. doi:10.1183/09031936.00032314
- * Gillis, C.M., Poyant, J.O., Degrado, J.R., **Ye, L.,** Anger, K.E., Owens, R.L. (2014). Inpatient Pharmacological Sleep Aid Utilization Is Common At a Tertiary Medical Center. *Journal of Hospital Medicine*, 9(10): 652-657. doi:10.1002/jhm.2246.
- * **Ye, L.,** Keane, K., Johnson, S.H., Dykes, P.C. (2013). How Do Clinicians Assess, Communicate About and Manage Patient Sleep in the Hospital? *Journal of Nursing Administration*, 43(6): 342-347.
- * **Ye, L.,** Pack, A.I., Maislin, G., Dinges, D., Hurley, S., McCloskey, S., Weaver, T.E. (2012). Predictors of Continuous Positive Airway Pressure Use during the First Week of Treatment. *Journal of Sleep Research*, 21(4): 419-26.
- * Ulrich, C.M., Zhou, Q., Ratcliffe, S.J., **Ye, L.,** Grady, C., Watkins-Bruner, D. (2012). Nurse Practitioners' Attitudes about Cancer Clinical Trials and Willingness to Recommend Research Participation. *Contemporary Clinical Trials*, 33(1): 76-84.
- * **Ye, L.** (2011). Factors Influencing Daytime Sleepiness in Chinese Patients with Obstructive Sleep Apnea. *Behavioral Sleep Medicine*, 9(2): 117-127.
- * **Ye, L.,** Pien, G.W., Ratcliffe, S.J., & Weaver, T.E. (2009). Gender Differences in Obstructive Sleep Apnea and Treatment Response to Continuous Positive Airway Pressure. *Journal of Clinical Sleep Medicine - Official Publication of the American Academy of Sleep Medicine*, 5(6): 512-518. [Chosen to be included in *Best of Sleep Medicine 2011* in Lee-Chiong, Teofilo (Ed)]
- Ye, L.,** Pien, G.W., & Weaver, T.E. (2009). Gender Differences in the Clinical Manifestation of Obstructive Sleep Apnea. *Sleep Medicine*, 10(10): 1075-1084.
- * **Ye, L.,** Liang, Z., & Weaver, T.E. (2008). Predictors of Health-related Quality of Life in Patients with Obstructive Sleep Apnea. *Journal of Advanced Nursing*, 63(1): 54-63.
- * **Ye, L.,** & Liang, Z. (2004). Relationships between Health-related Quality of Life and Mood in Patients with Obstructive Sleep Apnea. *Chinese Journal of Respiratory and Critical Care Medicine*, 3(2): 76-79.
- Ye, L.,** & Liu, C. (2003). The Application of Long-acting Beta(2)-adrenergic Agonists in Chronic Obstructive Pulmonary Diseases. *Chinese Journal of Respiratory and Critical Care Medicine*, 2(4): 80-83.

Book Chapters

- Ye, L.,** Pien, G.W. (accepted). Clinical and Physiologic Heterogeneity of Obstructive Sleep Apnea. In the book of *Principles and Practice of Sleep Disorders Medicine*, 7th edition. [The primary text for sleep medicine reference and training].
- Richards, R., **Ye, L.,** Fry, L. (accepted). Sleep in Long-term Care Settings. In the book of *Principles and Practice of Sleep Disorders Medicine*, 7th edition. [The primary text for sleep medicine reference and training].
- Weaver, T.E. & **Ye, L.** (2012) Sleep-related breathing disorders. In CM Morin & CA Espie (Eds.) *The Oxford Handbook of Sleep and Sleep Disorders*, Oxford, United Kingdom: Oxford University Press.

Published Abstracts

- Ye, L.,** Dykes P. (2019) A Sleep Promotion Toolkit for Hospitalized Patients, A397. *Sleep*, Volume 42, Issue Supplement_1.
- Ye, L.,** Owens, RL, Dykes P. Individualized sleep promotion for hospitalized patients: identifying and mitigating factors that disturb sleep. *American Journal of Respiratory and Critical Care Medicine*, 2018;197, A2725.
- Ye, L.,** Kayser, K., Gautam, S., Malhotra, A., Patel, S.R. (2017). Spousal Involvement in Adherence to CPAP Treatment. *Sleep*, 40, A190.
- Ye, L.,** Jeon, S., McGauley, C., & Owens, R. (2014). Sleeping pills for hospitalized patients: Perceptions from patients and clinicians. *American Journal of Respiratory and Critical Care Medicine*, 189, A5049. Retrieved from www.atsjournals.org. International Conference of the American Thoracic Society (ATS); 2014 May 20; San Diego, CA, USA.
- Ye, L.,** Smith, A. (2014). Developing and Testing a Sleep Education Program for College Nursing Students. *Sleep*, 37: A379.
- Anderson, E., Jeon, S.M., Lulloff, A., Hormillosa, M.F., **Ye, L.** (2014). Nocturnal Care Interactions and Delirium in the ICU. *Nursing Research*, 63(2), E22
- Ye, L.,** Pien, G.W., Ratcliffe, S.J., Pack, A.I., Benediktsdottir, B., Gislason, T. (2013). Different Clinical Faces of Obstructive Sleep Apnea: A Cluster Analysis. *Sleep*, 36: A117.
- Ye, L.,** Weaver, T (2013). Gender Differences in the Effect of Continuous Positive Airway Pressure Treatment on Blood Pressure. *Sleep*, 36: A119.
- Ye, L.,** Malhotra, A., Arnedt, J.T., Aloia, M. (2011) Gender differences in adherence to positive airway pressure treatment in obstructive sleep apnea. *Sleep*, 34: A309.
- Ye, L.,** Pien, G.W., & Weaver, T.E. (2009). Gender Differences in Mood Disturbances in Patients with Obstructive Sleep Apnea. *Sleep*, 32: A181.

Thesis and Dissertation

- Ye, L.** (2008) Gender Differences in Baseline Functional Status and Response to Continuous Positive Airway Pressure in Milder Obstructive Sleep Apnea. Philadelphia (PA): University of Pennsylvania.

Media Featuring Scholarship

Are these uncertain times keeping you up? The solution might be personal.

<https://news.northeastern.edu/2020/07/07/is-the-pandemic-stealing-your-sleep-heres-what-you-can-do-about-it/>

Sleep Solutions:

https://www.facebook.com/watch/live/?v=567867300596040&ref=watch_permalink

Reuters: Couples-focused apnea therapy may improve sleep, CPAP use.

<http://www.reuters.com/article/us-cpap-sleep-apnea-couples-idUSKCN1AX2OG>

BC Talks Aging: Boston College Institute on Aging and the Hartford Center of Excellence in Geriatric Social Work. *Sleep During Hospitalization*, and *Poor Sleep is Not a Normal Part of Aging*. <http://www.bc.edu/centers/iaa/videos/sleep.html>

The Chinese American Nurses Association (CANA) Global CONNECT – Research Highlights

<http://www.cana-usa.org/newsletter/cana-global-connect-vol-1-issue-2-research-highlights/>

PRESENTATIONS (*peer-reviewed):

- * Weaver, T. and **Ye, L.** *Patient Participation in Mask Selection*. ATS Workshop: Importance of Mask Selection on CPAP Outcomes. 2019 American Thoracic Society (ATS) International Conference, Dallas, Texas on May 18, 2019.
- Ye, L.**, Gordon C.M., Far, I.K., Jimison, H. *Supporting CPAP Adherence with a Mobile Couple-Oriented Self-Management Tool*. 2019 NINR Center Directors Meeting, Washington, D.C., May 7, 2019.
- Ye, L.** *Sleep Deficiencies in Urban Black/ African American Adults*. Institute on Urban Health Research Institute, Northeastern University. September 18, 2019.
- * **Ye, L.**, Owens, R.L., Dykes, P. *Individualized Sleep Promotion for Hospitalized Patients: Identifying and Mitigating Factors that Disturb Sleep*. 2018 American Thoracic Society (ATS) International Conference, San Diego, California. Mini Symposium on May 21, 2018.
- ***Ye, L.** *ourCPAPkit: A Couple-focused Self-management Mobile Toolkit To Support Adherence to CPAP Treatment*. Part of the NUCare Symposium; The 2018 Gerontological Society of America Annual Scientific Meeting, Boston, MA, November 1, 2018.
- Ye, L.** *ourCPAPkit: A Couple-focused Self-management Mobile Toolkit To Support Adherence to CPAP Treatment*; Research Cameo at SON FOM in November 2018.
- Ye, L.** *Spousal Involvement in Adherence to CPAP Treatment*. Research Cameo at SON FOM in January 2018.
- * **Ye, L.**, Kayser, K., Gautam, S., Malhotra, A., Patel, S.R. *Spousal Involvement in Adherence to CPAP Treatment*. SLEEP 2017 the 31st Annual Meeting of the Associated Professional Sleep Societies (APSS), Boston, MA, June 7, 2017.
- Ye, L.**, Dykes, P. *A Sleep Promotion Toolkit for Hospitalized Patients. Third Annual Sleep & Symptom Research Symposium*. Yale Center for Sleep Disturbance in Acute & Chronic Conditions. West Haven, CT. April 28, 2017.
- * Flaherty, E. (doctoral research fellow), Katigbak, C. Rowland, J., Gregas, M., and **Ye, L.** *Routine Exercise Positively Impacts Sleep in College Students*. Eastern Nursing Research Society 29th Annual Scientific Sessions, Philadelphia, Pennsylvania, April 6, 2017.
- Ye, L.** *Sleep Promotion in Acute Care Hospitals*. In session Magnet Matters®: Nursing Research. 2016 Discover BWH. November 10, 2016.

- Ye, L.** *A Sleep Promotion Toolkit for Hospitalized Patients*. BWH The Center for Patient Safety Research and Practice Executive Council Meeting. November 3, 2016.
- Ye, L.** Sunrise Seminar - *She Says I Snore: Using Bed Partners to Optimize CPAP Adherence*. 2016 American Thoracic Society (ATS) International Conference, San Francisco, California. May 16, 2016.
- * **Ye, L.** *Evaluating Sleep for Patients in the Acute Care Hospital Setting*, part of the Symposium Presentation: Common Data Elements for Sleep Disturbance Research. Eastern Nursing Research Society 28th Annual Scientific Sessions, Pittsburgh, Pennsylvania, April 13, 2016.
- Ye, L.** *Sleep Promotion in Acute Care Hospital*. Haley Forum at the 1st Annual Discover Brigham Day. Boston, MA, 2015.
- * Shih, Y. (undergraduate research fellow), McGauley, C. (undergraduate research fellow), Johnston, H. (undergraduate research fellow), **Ye, L.** *“Early Bird” or “Night Owl”?: College Students’ Sleep Patterns*. Eastern Nursing Research Society 27th Annual Scientific Sessions, Washington, DC, April 17, 2015. [3rd Place BS Poster Presentation at ENRS, and First-Prize Winner of Poster Presentation at the Annual Alpha Chi Research Day at Boston College Connell School of Nursing]
- Ye, L.** *Clinical Phenotypes in Obstructive Sleep Apnea*. Annual China Sleep Research Conference, Shanghai, China, June 2015.
- Ye, L.** *Clinical Research and Practice: Essential Partnership for Nursing Science*. West China Hospital, Chengdu, China, July 2015.
- * **Ye, L.**, Jeon, S., McGauley, C., Owens, R. *Sleeping Pills for Hospitalized Patients: Perceptions from Patients and Clinicians*. International Conference of the American Thoracic Society (ATS), San Diego, California, May 20, 2014.
- * **Ye, L.**, Smith, A. *Developing and Testing a Sleep Education Program for College Nursing Students*. SLEEP 2014 28th Annual Meeting of the Associated Professional Sleep Societies (APSS), Minneapolis, Minnesota, June 4, 2014.
- * Anderson, E. (graduate research assistant), Jeon, S. (graduate research assistant), Lulloff, A. (doctoral research assistant), Hormillosa, M. (nurse research resident), **Ye, L.** *Nocturnal Care Interactions and Delirium in the ICU*. Eastern Nursing Research Society 26th Annual Scientific Sessions, Philadelphia, Pennsylvania, April 9, 2014.
- * **Ye, L.** *A Sleep Promotion Toolkit for Hospitalized Patients*. Brigham and Women’s Hospital Research Day, Boston, Massachusetts, November 20, 2014.
- * **Ye, L.**, Pien, G.W., Ratcliffe, S.J., Pack, A.I., Benediktsdottir, B., Gislason, T. *Different Clinical Faces of Obstructive Sleep Apnea: A Cluster Analysis*. SLEEP 2013 27th Annual Meeting of the Associated Professional Sleep Societies (APSS), Baltimore, Maryland, June 4, 2013.
- * **Ye, L.**, Weaver, T. *Gender Differences in the Effect of Continuous Positive Airway Pressure Treatment on Blood Pressure*. SLEEP 2013 27th Annual Meeting of the Associated Professional Sleep Societies (APSS), Baltimore, Maryland, June 4, 2013.
- * **Ye, L.** Keane, K. (doctoral research assistant), Johnson, S. H. (doctoral research fellow), Dykes, P., and BWH Sleep Interest Group. *How Do Clinicians Assess, Communicate About, and Manage Patient Sleep in the Hospital?* Eastern Nursing Research Society 25th Annual Scientific Sessions, Boston, Massachusetts, April 15, 2013.

- * **Ye, L.** *Sleep in Hospitalized Elders.* Boston College Institute on Aging, Chestnut Hill, Massachusetts, April 25, 2013.
- Ye, L.** and Hormillosa, F. *Importance of Sleep in Clinical Practice and Your Life.* Brigham and Women's Hospital Novice Class Day, Boston, Massachusetts, October 25, 2012.
- Ye, L.** and McGrotty, R. *Sleep Promotion in Adult Acute and Critical Care Settings.* Brigham and Women's Hospital Nursing Grand Rounds. Boston, Massachusetts, September 27, 2012.
- Ye, L.** *Sleep and Aging. Education Program "Better with Age: Best Practice in the Care of Older Adults"* Brigham and Women's Hospital. Boston, Massachusetts, April 3, 2012.
- * **Ye, L.,** Malhotra, A., Arnedt, J.T., & Aloia, M. *Gender Differences in Adherence to Positive Airway Pressure Treatment in Obstructive Sleep Apnea.* SLEEP 2011 25th Annual Meeting of the Associated Professional Sleep Societies (APSS), Minneapolis, Minnesota, June 2011.
- * **Ye, L.** *Sleep Quality and Academic Performance in College Students.* Eastern Nursing Research Society 23rd Annual Scientific Sessions, Philadelphia, Pennsylvania, March 2011.
- Ye, L.** and Gerald Weinhouse. *Could Sleep Come Easily? Promoting Sleep in the ICU Patient, Using an Evidence Based Approach.* Brigham and Women's Hospital Critical Care Forum, The Current State of Critical Care Medicine. Boston, Massachusetts, November 3, 2011.
- Ye, L.** *Sleep Disturbance in Hospitalized Patients.* Brigham and Women's Hospital Nursing Grand Rounds. Boston, Massachusetts, September 15, 2011.
- * **Ye, L.,** & Weaver, T.E. *Gender Differences in Response to CPAP Treatment in Obstructive Sleep Apnea.* Eastern Nursing Research Society 22nd Annual Scientific Sessions, Providence, Rhode Island, March 2010.
- * **Ye, L.,** Pien, W.G., & Weaver, T.E. *Factors Impairing Functional Status in Milder Obstructive Sleep Apnea.* Eastern Nursing Research Society 21st Annual Scientific Sessions, Boston, Massachusetts, March 2009.
- * **Ye, L.,** Pien, G.W., & Weaver, T.E. *Gender Differences in Mood Disturbances in Patients with Obstructive Sleep Apnea.* SLEEP 23rd Annual Meeting of the Associated Professional Sleep Societies (APSS), Seattle, Washington, June 2009.
- Ye, L.** *Gender Differences in Obstructive Sleep Apnea.* Sleep Disorders Program in the Division of Sleep Medicine, Brigham and Women's Hospital. Boston, Massachusetts, September 2008.
- * **Ye, L.,** Maislin, G., Pack A.I., Hurley S. Dinges D. F., McCloskey S., & Weaver, T.E. *Predictors of Continuous Positive Airway Pressure Use during the First Week of Treatment.* Worldsleap07 - 5th World Congress of the World Federation of Sleep Research and Sleep Medicine Societies, Cairns, Queensland Australia, March 2007.
- * **Ye, L.,** Pack, A., Dinges, D., Weaver, T.E., & Multisite Group. *Gender Differences in Treatment Response to Continuous Positive Airway Pressure in Obstructive Sleep Apnea.* SLEEP 2007 21st Annual Meeting of the Associated Professional Sleep Societies (APSS), Minneapolis, Minnesota, June 2007.
- * **Ye, L.,** Weaver, T.E., Liang, Z. *Influencing Factors of Daytime Sleepiness in Obstructive Sleep Apnea.* Eastern Nursing Research Society 19th Annual Scientific Sessions, "Building Communities of Scholarship and Research," Providence, Rhode Island, April 2007.

- * **Ye, L.,** Pack, A.I., Dinges, D.F. Weaver, T.E., and Multisite Group. *Gender Differences in Daily Functioning in Patients with Obstructive Sleep Apnea*. International Conference of the American Thoracic Society (ATS), San Diego, California, May 2006.
- * **Ye, L.,** Weaver, T.E., Liang, Z. *Predictors of Quality of Life in Chinese Patients with Obstructive Sleep Apnea*. SLEEP 2006 20th Annual Meeting of the Associated Professional Sleep Societies (APSS), Salt Lake City, Utah, June 2006.
- * **Ye, L.,** etc. *Generations: A Walk through the Past, Present, and Future of Nursing*. Special Session Presentation at 38th Biennial Convention of Sigma Theta Tau International, Honor Society of Nursing, Indianapolis, Indiana, October 2005.

RESEARCH GRANTS

R21 HS024330 AHRQ Ye (PI) 9/30/15 – 9/29/18

A Sleep Promotion Toolkit for Hospitalized Patients (\$297,576)

The major goals of this project are to refine and test a sleep promotion toolkit (SLEEPkit) in an acute hospital setting to use health IT to address two major gaps in the literature. First, inadequate communication and a lack of guidance in how to assess and manage patient sleep. Second, use of the RE-AIM framework to address external validity or generalizability concerns in the context of health IT research. Findings of this project will inform further development and refinement of the SLEEPkit, which aims not only to improve inpatient sleep but also to be well integrated to clinical and patient workflow.

Role: PI

2018 NUCare Pilot Grant (P20NR015320) Ye (PI) 2018-2019

Developing a Couple-oriented Self-management Tool to Improve Adherence to PAP Treatment

The overall goal of this project is to develop a prototype of a couple-orientated self-management tool delivered by a mobile app to support adherence to positive airway pressure (PAP) treatment for individuals with obstructive sleep apnea (OSA) and their partners.

Role: Pilot project PI

R15 NR013274 NIH-NINR Ye (PI) 06/05/13 – 05/31/16

Spousal Involvement in Adherence to CPAP Treatment (\$418,924)

The goal of this study is to examine the role of spousal involvement in adherence to CPAP therapy, which will serve to inform the development of an effective and sustainable intervention that will improve CPAP adherence.

Role: PI

Haley Nurse Scientist Award Ye (PI) 10/01/10 – 12/31/15

This award supports research related to the sleep promotion in hospitalized patients and engages clinical nurses in research at Brigham and Women's Hospital.

Role: PI and sponsored research scientist

Sigma Theta Tau International/ Virginia Henderson Clinical Research Grant Ye (PI) 2010 – 2011

Effect of Gender on Adherence to CPAP Treatment in Obstructive Sleep Apnea (\$5,000)

Role: PI

American Nurses Foundation Ye (PI) 2006 – 2008

Eastern Nursing Research Society/ Council for Advancement of Nursing Science

Sigma Theta Tau International Honor Society of Nursing Xi Chapter
Gender Differences in Baseline Functional Status and Response to Continuous Positive Airway Pressure in Milder Obstructive Sleep Apnea
Role: PI

Internal

Advancing Health Equity Pilot Project Awards Ye (PI) 2019-2021
Institute on Urban Health Research, Northeastern University
Sleep Deficiencies in Urban Black/African American Adults (\$5,000)
Role: PI

Boston College Ignite Award Ye (PI) 06/01/15 – 05/31/17
A Sleep Promotion Toolkit (\$30,000)
The goal of this project is to develop the prototype of the sleep promotion toolkit (SLEEPkit) for hospitalized patients.
Role: PI

Aging Research Incentive Grant, Institute on Aging, Boston College Ye (PI) 07/01/11 – 06/30/14
Sleep Disturbing Factors and Strategies to Improve Sleep in Hospitalized Elders (\$70,000)
The goal of this study was to examine factors that disturb sleep and identify strategies to improve sleep in hospitalized elders, with the goal of informing the development of a sleep promotion toolkit as part of routine clinical practice.
Role: PI

Boston College Research Incentive Grant Ye (PI) 2009 – 2010
Gender Differences in the Clinical Manifestation and Response to CPAP Treatment in Obstructive Sleep Apnea (\$15,000)
Role: PI

Boston College Research Expense Grant Ye (PI) 2008 – 2009
Gender Differences in Clinical Manifestation in Obstructive Sleep Apnea across Disease Severity Levels (\$2,000)
Role: PI

Boston College Dean's Research Stimulus Grant Ye (PI) 2008 – 2009
Morning Blood Pressure Surge in Obstructive Sleep Apnea and Response to Continuous Positive Airway Pressure Treatment (\$5,000)
Role: PI

Pending/ Under Review / unfunded

1 R01 NR018484-01A (submitted in June 2018; unfunded, will resubmit)
A Couple-focused Self-management m-Health Intervention to Support Adherence to Positive Airway Pressure Treatment
Role: PI

EDUCATIONAL/TRAINING GRANTS

External

American Sleep Medicine Foundation Educational Projects Award Ye (PI) 2012 – 2013
Developing and Testing a Sleep Education Program for College Nursing Students (\$75,000)
Role: PI

Internal

Boston College Teaching, Advising, and Mentoring (TAM) Grant Ye (PI) 2012 – 2013
Developing and Testing a Sleep Education Program for College Nursing Students (\$10,000)
Role: PI

TEACHING and ADVISING

Courses

Northeastern University

Graduate

2021 Spring	NRSB 7712 Quantitative Research Methods
2020 Fall	NRSB 5120 Statistics for Health Science
2020 Fall	NRSB 5126 Pathophysiology for Advanced Practice
2020 Spring	NRSB 7755 Intervention Research: Development, Implementation, and Evaluation
2019 Fall	NRSB 5126 Pathophysiology for Advanced Practice
2019 Spring	NRSB 7755 Intervention Research: Development, Implementation, and Evaluation
2018 Fall	NRSB 5126 Pathophysiology for Advanced Practice
2018 Spring	NRSB 7755 Intervention Research: Development, Implementation, and Evaluation
2017 Fall	NRSB 5126 Pathophysiology for Advanced Practice

Boston College

2017 Spring	NURS 7672 Pathophysiologic Processes_ Graduate (Teacher of Record, TOR)
2016 Fall	NURS 7672 Pathophysiologic Processes_ Graduate (TOR)
2015 Fall	NURS 7672 Pathophysiologic Processes_ Graduate (TOR) NURS3242 Adult Health II Theory
2015 Spring	NURS 7672 Pathophysiologic Processes_ Graduate (TOR)
2014 Fall	NU 672 Pathophysiologic Processes (TOR)
2014 Spring	NU 672 Pathophysiologic Processes
2013 Fall	NU 672 Pathophysiologic Processes (TOR) NU 524 Master's Research Practicum
2013 Spring	NU 672 Pathophysiologic Processes (TOR) NU 299 Directed Independent Study
2012 Fall	NU 672 Pathophysiologic Processes NU 121 Health Assessment Lab
2012 Spring	NU 672 Pathophysiologic Processes

2011 Spring	NU 230 Adult Health I NU 672 Pathophysiologic Processes (TOR)
2010 Fall	NU 230 Adult Health I NU 672 Pathophysiologic Processes (TOR)
2010 Spring	NU 230 Adult Health I NU 672 Pathophysiologic Processes (TOR)
2009 Fall	NU 121 Health Assessment Lab NU 230 Adult Health I NU 121 Health Assessment Lab NU 672 Pathophysiologic Processes NU 524 Master's Research Practicum (Independent Study)
2009 Spring	NU 230 Adult Health I NU 121 Health Assessment Lab NU 672 Pathophysiologic Processes
2008 Fall	NU 230 Adult Health I NU 121 Health Assessment Lab

Guest Lectures (selected)

2020 Spring	<i>Sleep and Sleep Disorders, in Health Promotion, Adult/ Gero Primary Care NP</i>
2009 – 2013	<i>Respiratory Medication, in NU 420 Pharmacology & Advanced Nursing Practice (spring semesters)</i>
2013 – 2016	<i>Building a Research Career, in NU 712 Nursing Science Processes and Outcomes</i>
2015 – 2016	<i>Sleep and Sleep Disorders, in NURS 7450 Women & Children's Health Advanced Practice Theory</i>

Advisory / Mentoring

Northeastern University

2020 –	Faculty Mentor, undergraduate student Winnie Li (Health Sciences) Capstone Project: Digital Media Use and Mental Health in College Students
2020 –	Member, doctoral student Jessica Wallar dissertation committee
2018 – 2020	Member, doctoral student Susan Maher dissertation committee
2020	Member, doctoral student Maggie Eaton Comp Exam
2019	Member, doctoral student Erin Howard Comps Exam
2019 –	Faculty Mentor, Health Equity Interns (Mendez, Li, and Hughes)
2017 November	Guest Speaker: to help students better understand the importance of sleep (Working with Dr. Shan Mohammed in the NU undergraduate residence halls)

Boston College

2009 – 2017	Faculty Advisor for Undergraduate Advisee
2009 – 2017	Faculty Mentor - Undergraduate Research Fellows (UGRFs) and Undergraduate Independent Study <u>Selected outcomes:</u>

- *Yvonne Shih, Colleen McGauley, Heather Johnston*: 3rd Place BS Poster Presentation at ENRS 2015 annual research conference (April 2015, Washington, DC), and First-Prize Winner of Poster Presentation at the Annual Alpha Chi Research Day at Boston College Connell School of Nursing – “Early Bird” or “Night Owl”: College Students’ Sleep Patterns.
- *Ashley Stewart*: First-Prize Winner of Poster Presentation at the Annual Alpha Chi Research Day at Boston College Connell School of Nursing, May 1st, 2013 - “Sleep Disturbance Factors During Hospital Stay: Perceptions from Patients and Clinicians”
- *Michael Manasia*: selected to present a poster at ENRS 2011 annual meeting, Philadelphia, PA; oral presentation at University Undergraduate Research Day, 2011 February

2009 – 2017

Faculty Mentor - Master’s Research Practicum

Selected outcomes:

- *Eileen Johnson*: selected to present a poster at ENRS 2014 annual meeting, Philadelphia, PA
- *SangMi Jeon*: poster presentation at *International Conference of the American Thoracic Society (ATS)*, San Diego, CA, 2014

2011 – 2017

Faculty Advisor / Supervisor - Doctoral Students

- *Stacy Johnson* (2011-2013, University Doctoral Research Fellow)
- *Kathleen Keane* (2011-2013, Research Assistant)
- *Mary Antonelli* (2014-2016, University Doctoral Research Fellow)
- *Erin Flaherty* (2016 - 2017, University Doctoral Research Fellow)
 - Poster presentation “Routine Exercise Positively Impacts Sleep in College Students”, Flaherty, E., Katigbak, C. Rowland, J., Gregas, M., and Ye, L. Selected to be the graduate poster representing Boston College for ENRS conference

2011

Faculty Advisor - Advanced Study Grants

- *Terry Bustos*: Health Care Policy in a Developing Country: To support research and clinical practice in urban and rural Philippines.
- *Stephanie Mui*: In Pursuit of Cultural Competence: To support clinical practice and research on complementary and alternative therapies in Beijing.

2012 – 2017

Faculty Mentor - Keys to Inclusive Leadership in Nursing Program

Undergraduate mentee:

- *Emily Luu* (2016 -)
- *Colleen McGauley* and *Thien Bui* (2013-2016)
- *Cindy Cao, Maeghan Dillon, and Colleen McGauley* (2012-2013)

Other Teaching/ Mentoring Experience

2013 – 2015

Dissertation Committee Member

Kathleen J. Menard, University of Massachusetts Worcester

Graduate School of Nursing

Title of dissertation: Self-regulation Experience of Women with a Diagnosis of Obstructive Sleep Apnea (OSA)

2005 – 2008 Teaching Assistant
University of Pennsylvania School of Nursing, Philadelphia, PA

SERVICE & PROFESSIONAL DEVELOPMENT

Northeastern University

Bouvé College of Health Sciences, Northeastern University

2019 – Member, Bouvé College APT Committee
2020 Fall – Chair, School of Nursing PhD Program Committee
2019 – Member, School of Nursing PhD Program Committee
2020 Fall – Member, School of Nursing Search Committee
2018 – Member, Bouvé Sabbatical and Merit Review Committee
2019 Member, Chair for Applied Psychology Search Committee, Bouvé College of Health Sciences

2017 – Member, Sigma Theta Tau Gamma Epsilon Chapter Research Committee
2017 – 2019 Chair, School of Nursing RSFD Committee
2017 – 2019 Member, School of Nursing APT Committee

Boston College William F. Connell School of Nursing

2016 – 2017 Faculty Search Committee member
2015 – 2016 Bachelorette Program Committee member
2014 – 2015 Academic Technology Committee Chair
2013 – 2014 Academic Technology Committee member
2013 – 2017 Colleagues Enhancing Research Committee (CERes) member
2013 Faculty Field Marshall, University Commencement
2012 – 2013 Faculty Affairs Committee member
2012 Spring Educational Policy Committee member
2011 – 2012 Associate Dean for Graduate Programs Search Committee member
2010 – 2013 Faculty Advisor, Graduate Nurse Association
2010 – 2017 Grievance Committee member
2010 Committee Chair, Multidisciplinary PhD Research Day
2009 – 2011 PhD Program Committee member
2008 – 2017 Peers Advancing Scholarship and Support (PASS) member

Advisory / Community Service:

2015 – 2016 Committee member, Scientific Advisory Committee, American Thoracic Society
2013 – 2016 Committee member, Sleep Research Society Membership and Communications Committee
2016 Member, BC Talks Aging Advisory Board
BC Talks Aging: Boston College Institute on Aging and the Hartford Center of Excellence in Geriatric Social Work. *Sleep During Hospitalization*, and

- Poor Sleep is Not a Normal Part of Aging.*
<http://www.bc.edu/centers/iaa/videos/sleep.html>
- 2011 Summer Member of expert Stakeholder Panel: AHRQ (Agency for Healthcare Research and Quality)-sponsored project “Future Research Needs in the Treatment of Obstructive Sleep Apnea,” Tufts Evidence-based Practice Center Treatment Report:
<http://www.effectivehealthcare.ahrq.gov/index.cfm/search-for-guides-reviews-and-reports/?pageaction=displayProduct&productID=955>
- 2010 – 2011 Awards Committee Co-Chair, Eastern Nurse Research Society
- 2009 – 2010 Awards Committee member, Eastern Nurse Research Society

Continuing Education:

- 2015 October Selected Participant, “Sleep, Circadian Rhythms, and Aging: New Avenues for Improving Brain Health, Physical Health and Functioning,” sponsored by the National Institute on Aging and the American Geriatrics Society (AGS)
- 2013 July NIH - NINR Fatigue and Sleep Methodologies Boot Camp
- 2013 March Harvard Catalyst - Understanding Biomarker Science: from molecules to images
- 2011 Harvard Catalyst Certificate in Applied Biostatistics
- 2009 November Introduction to Clinical Investigation course, Harvard Catalyst
- 2008 Certificate of Completion of Approved Online Course “Sleep and Chronobiology for Psychiatric Nurses,” American Psychiatric Nurses Association (Completed 11.30.08. Course Number LA07-6-201-121)

Editorial Boards / Review Panels:

Scientific Journal Reviewer

- Sleep
Journal of Clinical Sleep Medicine
Journal of Sleep Research
Sleep Medicine
Behavioral Sleep Medicine
European Respiratory Journal
Journal of General Internal Medicine (JGIM)
PLoS ONE
Hispanic Health Care International
Japan Journal of Nursing Science
Heart & Lung: The Journal of Acute Critical Care
Western Journal of Nursing Research
Health Psychology
- 2019 – 2020 Editorial board member
Journal of Korean Academy of Fundamentals of Nursing

Scientific Review Committees

- 2018 – Award Reviewer, Sigma Theta Tau International Gamma Epsilon Chapter
Gamma Scholar Research Award

Professional Memberships & Affiliations

- 2016 – Member, American Nurses Association Massachusetts
- 2015 – Member, American Thoracic Society
- 2015 – 2016 Member, American Thoracic Society Scientific Advisory Council
- 2013 – 2016 Committee Member, Sleep Research Society Membership and Communications Committee
- 2009 – Member, American Academy of Sleep Medicine
- 2008 – Member, Council for Advancement of Nursing Science
- 2005 – Member, Sleep Research Society
- 2005 – Member, Eastern Nurse Research Society
 - Awards Committee Member (2009-2011)
 - Awards Committee Co-Chair (2010-2011)
- 2004 – Member, Sigma Theta Tau International Honor Society of Nursing (Xi Chapter)

updated on 9/10/2020