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## **EDUCATION**

BSN	University of Florida, Gainesville, FL	09/1966 – 06/1970
MSN	University of California, San Francisco, CA	09/1977 – 03/1979
PhD	Texas Woman's University, Houston, TX	01/1985 – 05/1990

## **LICENSURE & CERTIFICATION**

RN No. 464256	State of Texas	current
Critical Care Registered Nurse	American Association of Critical-Care Nurses	1977 – 1983
Provider, BLS	American Heart Association	1970 – present
Instructor, BLS	American Heart Association	1983 – 2020
Advanced Cardiac Life Support	American Heart Association	1982 – 1984, 1998 – 2003

## **PROFESSIONAL EXPERIENCE**

Shands Teaching Hospital University of Florida Gainesville, FL	Staff Nurse, Pediatric ICU	06/1970–12/1970
Broward General Medical Center Ft. Lauderdale, FL	Staff Nurse, Medical-Respiratory ICU	01/1971 – 08/1971
Mount Sinai Hospital New York, NY	Nurse Clinician, Surgical-Respiratory ICU	09/1971 – 05/1973
Presbyterian Hospital Pacific Medical Center San Francisco, CA	Staff Nurse, Cardiopulmonary ICU	09/1973 – 08/1974
Hahneman Hospital (formerly Marshal Hale Medical Center) San Francisco, CA	Part-time Charge Nurse, ICU	01/1974 – 07/1974

**PROFESSIONAL EXPERIENCE** (cont.)

Presbyterian Hospital Pacific Medical Center San Francisco, CA	Part-time Instructor Flight Nurse (on-call status) Consultant for respiratory and neurological transports Part-time Staff Nurse, Cardiopulmonary ICU	08/1974 – 09/1977
University of California San Francisco, CA	Staff Nurse (on-call status) Post Anesthesia Recovery Room	09/1977 – 08/1978
Sedlock & Associates Continuing Postgraduate Education In Critical Care Nursing Provider Mill Valley, CA	Associate	09/1977 – 08/1978
Mt. Elizabeth Hospital Singapore, Republic of Singapore	Pulmonary Critical Care Consultant Director, Respiratory Care Services	05/1980 – 07/1981
Hermann Hospital Houston, TX (now Memorial Hermann Hospital – Texas Medical Center)	Pulmonary Clinical Nurse Specialist Director of Research Staff Associate to the President and Chief Executive Officer	10/1982 – 06/1986 06/1986 – 06/1987 06/1987 – 09/1988
Independent Practice Houston, Texas	Pulmonary Critical Care Consultant	03/1988 – 08/1990
Texas Woman's University Houston, TX	Clinical Professor, Graduate Program Director of Research, Inst. of Health Sciences Director of Research, College of Nursing	08/1990 – 08/1996 09/1992 – 08/1996 09/1994 – 08/1996
The University of Texas Health Science Center Houston, TX	Associate Professor (with tenure) Associate Dean for Research Director, Center for Nursing Research Jerold B. Katz Distinguished Professor for Nursing Research Professor (with tenure), School of Nursing Director, Preclinical Critical Care Laboratory Interim Director, Bioscience Laboratory	09/1996 – 08/2006 09/1996 – 12/2010 09/1996 – 12/2010 06/2004 – present 09/2006 – present 09/2009 – 08/2012 09/2016 – 08/2019
St. Luke's Episcopal Hospital Houston, TX	Research Consultant (20% joint appointment) Critical Care Services, Division of Nursing	01/2003 – 08/2009

**INTERNATIONAL EXPERIENCE**

Mt. Elizabeth Hospital Singapore, Republic of Singapore	Pulmonary Consultant and Director of Respiratory Care Services	05/1980 – 07/1981
Universidade Federal De Minas Gerais Escola de Enfermagem Belo Horizonte, Brazil	University of Texas Health Science Center at Houston Delegate to promote collaborative research and research training	02/2000
FIOCRUZ Centro de Pesquisas Belo Horizonte, Brazil	University of Texas Health Science Center at Houston Delegate	02/2000
Universidade Federal De Minas Gerais Instituto de Ciencias Biologicas Belo Horizonte, Brazil	University of Texas Health Science Center at Houston Delegate	02/2000
University of Brasilia Nursing Department Brasilia, Brazil	University of Texas Health Science Center at Houston Delegate	03/2000
Chagas Disease Multidisciplinary Research Laboratory and Department of Cell Biology University of Brasilia Brasilia, Brazil	University of Texas Health Science Center at Houston Delegate	03/2000
Universidade Federal de Minas Gerais Escola De Enfermagem Belo Horizonte, Minas Gerais, Brazil	Visiting Scientist	08/2000
Universidad Autonoma de Tamaulipas Escuela de Enfermeria Tampico, Mexico	Visiting Scholar	04/2003 – 05/2003
Yupha Wongrostrai PhD in Nursing Student Chiang Mai University Chiang Mai, Thailand	Co-advisor Dissertation Committee member	09/2011 – 12/2015 06/2012 – 12/2015
Nicola Hewitt MN student Deakin University Victoria, Australia	Reader, Master's thesis (A Systematic Review on Lateral Positioning in Critically Ill Patients Using the Cochrane Methodology)	2013

**International (cont.)**

Higher Colleges of Technology Faculty of Health Sciences Jordan and United Arab Emirates	Presenter, Health Sciences Research Workshop (virtual)	04/05/2022
Research Funding Department University of Sharjah, United Arab Emirates	Grant reviewer, Mentorship across the United Arab Emirates	May 2022

**HONORS & AWARDS**

Nursing Fellowship Award	American Lung Association	1977 – 1979
Graduate Division Research Award	University of California	1978
Strobel Medical Research Award	San Francisco Lung Association	1978
Research Award	American Association of Critical-Care Nurses San Francisco Chapter	1978
The Harold E. Evans Memorial Research Award	Texas League for Nursing and Texas Nurses Association	1986
Research/Writing Excellence Award Doctoral Program	Texas Woman's University, Houston	1987
AACN Critical Care Research Award	American Association of Critical-Care Nurses	1992
Outstanding Alumnus Award	University of Florida College of Nursing	1994
Outstanding Performance in Nursing	District 9, Texas Nurses Association	1995
Fellow	American Academy of Nursing (FAAN)	1995 – present
Member, Sigma Xi The Research Society	Rice University-Texas Medical Center Chapter	1997
Nominee, Distinguished Alumnus Award	University of California, School of Nursing	1998
Distinguished Research Lecturer Award	American Association of Critical-Care Nurses	2000

**HONORS & AWARDS** (cont.)

Honoree	Texas Woman's University Great 100 Nursing Alumni, Centennial Celebration	2001
Nominee, President's Mentoring Award	University of Texas Health Science Center	2002, 2006, 2007, 2009
Appointed to the Jerold B. Katz Distinguished Professorship for Nursing Research	University of Texas Health Science Center	2004 - present
John P. McGovern Outstanding Undergraduate Teacher of the Year	University of Texas Health Science Center School of Nursing Nominee	2014, 2017, 2019 2021
Finalist, Graduate Teacher of the Year		2007, 2016, 2019, 2021
Selected by graduating class to pin students	University of Texas Health Science Center Cizik School of Nursing	Dec. 18, 2014 May 15, 2015 Aug. 21, 2015 Dec. 18, 2015 May 13, 2016 Aug. 19, 2016 Aug. 18, 2017 Dec. 15, 2017 May 14, 2022
Selected to give the Eulogy at the Memorial Service of Duck-Hee Kang, PhD, RN, FAAN	Garden Oaks Funeral Home Houston, Texas	Sept. 24, 2016
1 <sup>st</sup> Place Abstract for Podium Presentation, "Effect of Light at Night on Salivary Interleukin (IL)-6 Levels"	Research Day 2017 University of Texas Health Science Center at Houston School of Nursing & Sigma Theta Tau International, Zeta Pi Chapter	June 9, 2017
School of Nursing Nominee	Minnie Stevens Piper Foundation Piper Professor of 2018	October 2017
Member	University of Texas System Kenneth I. Shine, M.D., Academy of Health Science Education Membership Committee	February, 2022 2022 - present

## **GRANTS**

### **Research Grants**

Unit-based clinical nurse specialist intervention effects on preventable pulmonary complications, American Association of Critical-Care Nurses, Houston-Gulf Coast Chapter, Houston, TX \$1,500 (1985)

Identification of physiological predictors of early successful weaning from mechanical ventilation after cardiac surgery, Research Enhancement Program Grant, Texas Woman's University, Denton, TX, \$3,000 (1990)

Identification of physiological predictors of early successful weaning from mechanical ventilation after cardiac surgery, Nursing Research Grant, American Lung Association/San Jacinto Area, \$4,000 (1990)

Differences in pulmonary mechanics in different patient body positions as predictors of weaning time, Research Enhancement Program Grant, Texas Woman's University, Denton, TX, \$3,000 (1992)

Subjective nursing assessment of cough effort, Parry Scholar Research Grant, Texas Woman's University College of Nursing, Houston, TX, \$2,961 (1994)

Psychometric testing of the Overt Agitation Severity Scale, The Methodist Foundation, Faculty Advisor (PI, Heather Kopecky, RN, MSN, doctoral student), \$38,000 (1994)

Nursing assessment of cough effort in mechanically ventilated patients, College of Nursing Research Grant, Texas Woman's University, Houston, TX, \$2,101 (1995)

Reducing the side effects of corticosteroid therapy in pediatric patients with solid tumors, American Cancer Society Doctoral Scholarship in Cancer Nursing, Faculty Advisor (PI, Nancy E. Kline, RN, MS, CPNP, CPON, doctoral student), \$24,000 (1996)

Development of an instrument to measure clinical nursing expertise, American Nurses Foundation, Consultant (PI, Eileen Lake, RN, MPP, MA, University of Pennsylvania doctoral student), \$3,500 (1997–1998)

The effects of analgesia on tissue oxygenation following lateral rotation in cardiovascular patients with impaired cardiac function, Hewlett-Packard/AACN Critical Care Nursing Research Grant, Mentor (PI, Jill Jesurum, RN, MSN, doctoral student), \$32,000 (1997–1999)

Biorhythms during mechanical ventilation and weaning, Academic Research Enhancement Award (Grant # R15-NR04488), National Institute of Nursing Research, NIH, \$105,000 (1997–2000)

Mini-Loggers for continuous temperature monitoring, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$4,000 (1997)

Age-related differences in female circadian temperature rhythms, Sigma Theta Tau, Beta Beta at Houston Chapter Research Award, \$750 (2001)

**Research Grants** (cont.)

Age-related differences in female circadian temperature rhythms, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$4,691 (2001)

Bioscience Laboratory Infrastructure, PARTNERS Research Equipment Award, The University of Texas School of Nursing at Houston, \$51,544 (2003)

Multi-site randomized clinical trial of horizontal positioning to prevent and treat pulmonary complications in mechanically ventilated critically ill patients: A feasibility study, Howell Nursing Research Grants Program, Texas Medical Center, Houston, TX, \$15,000 (2005 – 2009)

Comparison of circadian biomarkers in women: Pilot study, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$19,200 (2005 – 2010)

Porcine intensive care unit: An innovative model for faculty recruitment, Enrich Nursing Through Exceptional Recruitment program, The University of Texas System, \$500,000 (2006 – 2008)

Multi-site randomized clinical trial of horizontal positioning to prevent and treat pulmonary complications in mechanically ventilated critically ill patients: A pilot study and hemodynamic sub study, American Association of Critical-Care Nurses, AACN Houston-Gulf Coast Chapter Research Grant, Mentor (PI, Shannan Hamlin, PhD in Nursing student), \$3,000 (2006 – 2008)

Multi-site randomized clinical trial of horizontal positioning to prevent and treat pulmonary complications in mechanically ventilated critically ill patients: A pilot study, Norma J. Shoemaker Nursing Research Grant, Society of Critical Care Medicine, \$15,000 (2006 – 2010)

Multi-site randomized clinical trial of horizontal positioning to prevent and treat pulmonary complications in mechanically ventilated critically ill patients: A pilot study and hemodynamic sub study, American Association of Critical-Care Nurses, AACN Mentorship Grant, Research Mentor (PI, Shannan Hamlin, MSN, RN, ACNP, CCRN, PhD in Nursing student), \$10,000 (2006 – 2010)

Biomarker circadian rhythm profiles in critically ill mechanically ventilated patients, Research Grant, Texas Nurses' Association, District 9, Mentor (PI, Mary Anne Vincent, MS, RN, ACNS-BC, CNS, CCRN, PhD in Nursing student), \$1,500 (2007 – 2008)

Pre-clinical critical care laboratory infrastructure, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$67,840 (2007 – 2010)

Biomarker circadian rhythm profiles in critically ill mechanically ventilated patients, Grant T32 RR024148, Center for Clinical & Translational Sciences, University of Texas Health Science Center at Houston National Center for Research Resources, NIH, Sponsor and Mentor (PI, Mary Anne Vincent, PhD in Nursing student), \$48,274 (2008 – 2009)

Biomarker circadian rhythm profiles in critically ill mechanically ventilated patients, Virginia Henderson Clinical Research Grant, Sigma Theta Tau International, Mentor (PI, Mary Anne Vincent, PhD in Nursing student), \$5,000 (2008 – 2010)

**Research Grants** (cont.)

Biomarker circadian rhythm profiles in critically ill mechanically ventilated patients, Research Grant, Sigma Theta Tau International, Zeta Pi Chapter, Mentor (PI, Mary Anne Vincent, PhD in Nursing student), \$2,000 (2008 – 2010)

Biomarkers of experimental *Pseudomonas Aeruginosa* pneumonia in pigs receiving mechanical ventilation: A feasibility study, PARTNERS Research Award, The University of Texas School of Nursing at Houston, Co-Investigator (PI, Deborah Jones, PhD, RN), \$17,217 (2008 – 2010) – project not initiated, funds returned

Circadian rhythms in a porcine ICU model, The Vivian L. Smith Foundation, Houston, TX, \$100,000 (2008 – 2014)

Biomarkers of experimental *Pseudomonas Aeruginosa* pneumonia in pigs receiving mechanical ventilation: A feasibility study, PARTNERS Research Award, The University of Texas School of Nursing at Houston, Co-investigator (PI, Deborah Jones, PhD, RN), \$20,836 (2009 – 2011) - project not initiated, funds returned

Measurement of body temperature and salivary melatonin, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$6,509 (2011 – 2016).

Toothbrushing effects in mechanically ventilated critically ill adults. Dean's Research Award, The University of Texas School of Nursing at Houston, Co-investigator (PI, Deborah Jones, PhD, RN), \$8,936 (2012 – 2018)

Learning transfer from simulation to bedside in nurses using technology to interpret patient ventilator asynchrony (PVA). American Association of Critical-Care Nurses (AACN) – Phillips Medical Systems Clinical Outcomes Grant. Co-investigator (PI, Karen G. Mellott, PhD, RN), \$9,994 (2014 – 2018).

A randomized controlled trial of Dexamethasone for dyspnea in cancer patients. National Cancer Institute, National Institutes of Health, 1R01 CA214960-A1, Co-investigator (PI, David Hui, M.D.), \$1,618,432 (2017 – 2022)

Strategies for persistent agitated delirium in palliative care. National Cancer Institute, National Institutes of Health, 1R01 CA225701-01A1, Co-investigator (PI, David Hui, M. D.), \$1,871,267 (2019 – 2022).

Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS®. Zeta Pi Chapter, Sigma Theta Tau International, Co-investigator and Mentor (PI, Jeanette Drake, PhD(c), ACNP-BC), \$1,000 (May 2019 – 2020).

**Educational Grants**

Respiratory RN Training Program, Skills Development Funds, Economic Development Board, Singapore, Republic of Singapore, Project Director, \$250,000 (1980)

Extramural Associates Program Fellowship, National Institutes of Health, Bethesda, MD, \$26,000, 1992

Texas Woman's University Research Development, Grant # 1 G11 HD32693-01, Extramural Associates Research Development Award, National Institute of Child Health and Human Development, NIH, \$263,901 (1994 – 1997)



### **Educational Grants** (cont.)

Teaching with virtual reality, PARTNERS Research Award, The University of Texas School of Nursing at Houston, \$9,141 (1998)

Research Integrity Conference, U.S. Public Health Service, Office of Research Integrity, \$15,000 (1998 – 1999)

Advanced Rehabilitation Research Training for Physical Therapy (postdoctoral research training grant), Texas Woman's University, School of Physical Therapy, National Institute on Disability and Rehabilitation Research, External Evaluator (PI, Elizabeth Protas, PhD, RPT), \$750,782 (1999 – 2001)

Baccalaureate and Graduate Nursing Education: An Innovative Collaboration Nursing Innovation Grant Program, Texas Higher Education Coordinating Board, Research Mentor (Project Director, Renae Schumann, PhD, RN), \$251,162 (January 01, 2004 – August 31, 2005)

Transforming ICUs to Retain Staff and Improve Unit Outcome, Grant # D66HP03172-01-00, Health Resources and Services Administration, Consultant (Project Director, Gail L. Ingersoll, EdD, RN, FAAN, FNAP, University of Rochester, Strong Memorial Hospital, Rochester, New York), \$1,456,990 (2004 – 2009)

Center for Clinical and Translational Sciences (CCTS), Grant # UL1 RR024148, University of Texas Health Science Center at Houston, National Center for Research Resources, NIH, \$36,000,000 (2006 – 2011)

Planning Committee, Member 2005 - 2006

Training Board, Educational Research, Training and Career Development Core, Member, 2006 - 2014

T32 Advisory Board, Member, 2006 - 2009

KL2 Advisory Board, Member, 2006 - 2014

Engine of Innovation Think Tank, Member, 2006 - 2014

W. M. Keck Center for Interdisciplinary Bioscience Training of the Gulf Coast Consortia, Training Program in Health Information Technology for Patient Safety and Quality, Agency for Healthcare Research and Quality Grant No. 1 T32 HS017586, Program Faculty and Mentor (Co-PIs, Todd Johnson, PhD, and Eric Thomas, MD, PhD), \$2,185,342, (2009 – 2014)

### **PUBLICATIONS**

**Peer Reviewed Publications** (\* = data-based; IF = impact factor, Journal Citation Reports, Thomson Reuters for year of publication)

1. \***Goodnough SKC.** (1985). The effects of oxygen and hyperinflation on arterial oxygen tension after endotracheal suctioning. *Heart & Lung, 14*(1):11-17.
2. \*Reinhardt AC, Tonnesen AS, Bracey A, **Goodnough SK.** (1987). Minimum discard volume from arterial catheters to obtain coagulation studies free of heparin effect. *Heart & Lung, 16*(6):699-705.
3. **Goodnough SKC.** (1987). What to tell your patient about pulmonary embolism. *Nursing 1987, 17*(5):32 R-T. **Invited**

**Peer Reviewed Publications** (cont.)

4. **Goodnough SKC.** (1987). Helping your asthmatic patient breathe easier. *Nursing* 1987, 17(6):32 C-F.  
**Invited**
5. **Goodnough SK.** (1989). Reducing tracheal injury and aspiration. *Dimensions of Critical Care Nursing*, 7(6): 324-332, 1988. Errata, *DCCN*, 8(2):71.
6. Harvey MA, Ninos NP, Adler DC, **Goodnough-Hanneman SK**, Kaye WE, Nikas DL. (1993). Results of the consensus conference on fostering more humane critical care: Creating a healing environment. *AACN Clinical Issues in Critical Care Nursing*, 4(3):484-549.
7. **\*Hanneman SK**, Bines AS, Sajtar WS. (1993). The indirect patient care effect of a unit-based clinical nurse specialist on preventable pulmonary complications. *American Journal of Critical Care*, 2(4):331-338.
8. **Hanneman SKG.** (1993). Recognizing sources of discomfort. *Ultrastat! Essential Issues for Advanced Critical Care Nursing*, 1(1):12-16. **Invited**
9. **Hanneman SK.** (1994). How to apply antiembolism stockings. (Patient Teaching Aid), *Nursing*, 24(2):32F.  
**Invited**
10. **Hanneman SK**, Curry JL. (1994). A research-based product evaluation model. *Nursing Dynamics*, 3(2):5-12.  
**Invited**
11. **\*Goodnough Hanneman SK.** (1994). Multidimensional predictors of success or failure with early weaning from mechanical ventilation after cardiac surgery. *Nursing Research*, 43(1):4-10.
12. Knebel AR, Shekleton ME, Burns S, Clochesy JM, **Hanneman SK**, Ingersoll GL. (1994). Weaning from mechanical ventilation: Concept development. *American Journal of Critical Care*, 3(6):416-420, Review 421-441, Discussion 442-443.
13. **Hanneman SK**, Ingersoll GL, Knebel AR, Shekleton ME, Burns SM, Clochesy JM. (1994). Weaning from short-term mechanical ventilation: A review. *American Journal of Critical Care*, 3(6):421-441, Discussion 442-443.
14. Shekleton ME, Burns SM, Clochesy JM, **Hanneman SK**, Ingersoll GL, Knebel AR. (1994). Terminal weaning from mechanical ventilation: A review. *AACN Clinical Issues in Critical Care Nursing*, 5(4):523-533.
15. Burns SM, Clochesy JM, **Hanneman SK**, Ingersoll GE, Knebel AR, Shekleton ME. (1995). Weaning from long-term mechanical ventilation. *American Journal of Critical Care*, 4(1):4-22.
16. Ingersoll, GL, **Hanneman SK**, Knebel AR, Shekleton ME, Burns SM, Clochesy J. (1995). Measurement issues in mechanical ventilation weaning research. *The Online Journal of Knowledge Synthesis for Nursing* [Online], 2, Document 12, Online number 24.
17. **\*Hanneman SK.** (1996). Advancing nursing practice with a unit-based clinical expert. *Image: Journal of Nursing Scholarship*, 28(4):331-337.

**Peer Reviewed Publications** (cont.)

18. \*Clochesy JM, Burns SM, Shekleton ME, **Hanneman SK**, Knebel AR, Ingersoll GL. (1997). A volunteers in participatory sampling survey of weaning practices. The Third National Study Group on Weaning from Mechanical Ventilation. *Critical Care Nurse*, 17(2):72-78.
19. Knebel A, Shekleton ME, Burns S, Clochesy JM, **Hanneman SK**. (1998). Weaning from mechanical ventilatory support: Refinement of a model. *American Journal of Critical Care*, 7(2):149-152.
20. **Hanneman SK**. (1999). Clinical Commentary (p. 235). In McCarley C. A model of chronic dyspnea. *Image: Journal of Nursing Scholarship*, 31:231-236.
21. **Hanneman SK**. (1999). Protocols for practice: Weaning from short-term mechanical ventilation. *Critical Care Nurse*, 19(5):86-89. **Invited**
22. **Hanneman SK**. (2001). Measuring circadian temperature rhythm. *Biological Research for Nursing*, 2(4):236-248.
23. \***Hanneman SK**, Cozart HT, Swank P. (2002). Reliability of cough effort intensity assessment by nurses. *Critical Care Nursing Quarterly*, 24(4):1-13.
24. Holtzclaw BJ, **Hanneman SK**. (2002). Use of non-human biobehavioral models in critical care nursing research. *Critical Care Nursing Quarterly*, 24(4):30-40.
25. \***Hanneman SK**, Clubb FJ, Jr, McKay K, Costas G. (2004). Feasibility of a porcine adult intensive care model. *Comparative Medicine*, 54(1):36-43.
26. **Hanneman SK**. (2004). Weaning from short-term mechanical ventilation. *Critical Care Nurse*, 24(1):70-73. **Invited**
27. \***Hanneman SK**, Jesurum-Urbaitis JT, Bickel DR. (2004). Comparison of methods of temperature measurement in swine. *Laboratory Animals*, 38(3):297-306.
28. \***Hanneman SK**, McKay K, Costas G, Rosenstrauch D. (2005). Circadian temperature rhythm of laboratory swine. *Comparative Medicine*, 55(3):249-255.
29. \***Hanneman SK**, Gusick GM. (2005). Frequency of oral care and positioning of patients in critical care: A replication study. *American Journal of Critical Care*, 14(5):378-386.
30. \*McCarley C, **Hanneman SK**, Padhye N, Smolensky MH. (2007). A pilot home study of temporal variations of symptoms in chronic obstructive lung disease. *Biological Research for Nursing*, 9(1):8-20.
31. \*Padhye NS, **Hanneman SK**. (2007). Cosinor analysis for temperature time series data of long duration. *Biological Research for Nursing*, 9(1):30-41.
32. Hamlin SK, **Hanneman SK**, Wachtel S, Gusick G. (2008). Adverse hemodynamic effects of lateral rotation during mechanical ventilation. *Dimensions of Critical Care Nursing*, 27(2):54-61.

**Peer Reviewed Publications** (cont.)

33. **Hanneman SK.** (2008). Design, analysis, and interpretation of method-comparison studies. *AACN Advanced Critical Care*, 19(2):223-234. PMID: PMC2944826 **Invited**
34. \*Padhye NS, Hamlin S, Brazdeikis A, **Hanneman SK.** (2009). Cardiovascular impact of manual and automated turns in ICU. *Proceedings of the 31st Annual International Conference of the IEEE Engineering In Medicine and Biology Society*, Minneapolis, MN, pp. 1844-1847.
35. Padhye NS, Cron SG, Gusick GM, Hamlin SK, **Hanneman SK.** (2009). Randomization for clinical research: An easy-to-use spreadsheet method. *Research in Nursing and Health*, 32:561-566.
36. **Hanneman SK.** (2009). Circadian rhythm adaptation in the intensive care unit. *NRC Newsletter* (Neuroscience Research Center, The University of Texas Health Science Center at Houston), 15(2):1, 5-6. **Invited**
37. \***Hanneman SK**, Cox CD, Green KE, Kang DH. (2011). Estimating intra- and inter-assay variability in salivary cortisol. *Biological Research for Nursing*, 13(3):243-250. (IF = 1.55)
38. \*Leyden KN, **Hanneman S K.** (2012). Validity of the Modified Richmond Agitation Sedation Scale for use in sedated, mechanically ventilated swine. *Journal of the American Association for Laboratory Animal Science*, 51(1):63-68. (IF = 1.2)
39. Hamlin SK, Parmley CL, **Hanneman SK.** (2014). Microcirculatory oxygen transport and utilization. *Critical Care Nursing Clinics of North America*, 26(3):311-324. (IF = 0.39)
40. Hamlin SK, Parmley CL, **Hanneman SK.** (2014). Microcirculatory alterations in shock states. *Critical Care Nursing Clinics of North America*, 26(3):399-412. (IF = 0.39)
41. Arellano DL, **Hanneman SK.** (2014). Vasopressor weaning in patients with septic shock. *Critical Care Nursing Clinics of North America*, 26(3):413-425. (IF = 0.39)
42. \***Hanneman SK**, Gusick GM, Hamlin SK, Wachtel SJ, Cron SG, Jones DJ, Oldham SA. (2015). Manual versus automated lateral rotation to reduce preventable pulmonary complications in ventilator patients. *American Journal of Critical Care*, 24(1):24-32. doi:10.4037/ajcc2015171 (IF = 1.88)
43. \*Hamlin SK, **Hanneman SK**, Padhye NS, Lodato RF. (2015). Hemodynamic changes with manual and automated lateral turning in patients receiving mechanical ventilation. *American Journal of Critical Care*, 24(2):131-40. doi: 10.4037/ajcc2015782 (IF = 1.88)
44. \*Leyden KN, **Hanneman SK**, Padhye NS, Smolensky MH, Kang DH, Chow DS. (2015). The utility of the swine model to assess biological rhythms and their characteristics during different stages of residence in a simulated intensive care unit: A pilot study. *Chronobiology International*, 32(7):980-993. (IF = 2.56)
45. \*Algamdi MM, **Hanneman SK.** (2016). Development of an Arabic translation of the Cancer Behavior Inventory Brief. *Journal of Nursing Measurement* 24(3):379-387. (IF = 0.22)

**Peer Reviewed Publications** (cont.)

46. \*Wongrostrai Y, Fongkaew W, Pinyokham N, **Hanneman SK**. (2016). A qualitative study of factors affecting sustainable implementation of a mechanical ventilation weaning protocol. *Pacific Rim International Journal of Nursing Research*, 20(2), 132-147.
47. \*Algamdi MM, **Hanneman SK**. (2016). Reliability estimates for the Arabic versions of the Cancer Behavior Inventory – Brief and the Functional Assessment of Cancer Therapy - Breast. *Journal of Nursing Measurement*, 24(3):388-398. (IF = 0.41)
48. \***Hanneman SK**, McCue D, Blog GL. (2016). Validation of salivary interleukin-6 and tumor necrosis factor-alpha of healthy adult volunteers by enzyme immunoassay. *Nursing Research*, 65(6), 475-480. (IF = 1.93)
49. Morris TA, Gay PC, MacIntyre NR, Hess DR, **Hanneman SK**, Lamberti JP, Doherty DE, Chang L, Seckel MA. (2017). Respiratory compromise as a new paradigm for the care of vulnerable hospitalized patients. *Respiratory Care*, 62(4):497-512. (IF = 2.27)
50. \*Algamdi MM, **Hanneman SK**. (2018). Psychometric performance of the Arabic versions of the Cancer Behavior Inventory-Brief and the Functional Assessment of Cancer Therapy-Breast. *Cancer Nursing*. DOI: 10.1097/NCC.0000000000000572. (IF = 1.67)
51. \* Mathew Joseph N, **Hanneman SK**, Bishop S. (2019) Physical activity, acculturation, and immigrant status of Asian Indian women living in the United States. *Applied Nursing Research*, 47, 52-56. DOI:10.1016/j.apnr.2019.04.007 (IF = 1.34)
52. Lai, Y-J, **Hanneman, S. K.**, Casarez, R., Wang, J., & McCullough, L. D. (2019). Blood biomarkers for physical recovery in ischemic stroke: A systematic review. *American Journal of Translational Research*, 11,4603-4613. (IF = 2.82)
53. Neft, M. W., Oerther, S., Halloway, S., **Hanneman, S. K.**, & Mitchell, A. M. (2019). Benzodiazepine and antipsychotic medication use in older adults. *Nursing Open*, 7, 4-6, doi: 10.1002/nop.2.425. (IF = N/A)
54. \*Brand, M. C., Shippey, H., Hagan, J., **Hanneman, S. K.**, Levy, B., Range, S., Wongsuwan, N., Zodin, A., Walden, M. (2021). Comparison of psychological and physiological stress in NICU nurses: Effects of unit design and shift. *Advances in Neonatal Care*, [January 07, 2021 - Volume Publish Ahead of Print - Issue](#) - doi: 10.1097/ANC.0000000000000837 (IF = 1.27)
55. \* Davidson, J. E., Doran, N., Petty, A., Arellano, D., Henneman, E., **Hanneman, S. K.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (2021). An explanatory descriptive survey of nurses' experience applying The Joint Commission Medication Management Titration Standards into practice. *American Journal of Critical Care*, 30, 365-374. (IF = 2.2)

**Peer Reviewed Publications** (cont.)

56. Gilley, J. L., Holmes, A., Sims, E., **Hanneman, S. K.** (2022). Pulmonary Embolism: Surveillance is Key. *American Nurse Journal*, 17(3), 6-12. [IF = 2.22] (Invited)
57. Drake, J., Hanneman, S. K., McEwen, M. M., Ramirez, E. G., Conti, V. R. (In press). Development and preliminary psychometric testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS©. *Dimensions of Critical Care Nursing*.

**Books & Chapters**

1. **Goodnough SK.** (1986). Neurological assessment. In LC Weeks (Ed.), *Advanced Cardiovascular Nursing*, Boston: Blackwell Scientific Publications, Inc.
2. **Crabtree SK.** (1987). Clinical consultant and contributor. *Signs & Symptoms: Nurses' Reference Library*, Nursing 86 Books, Springhouse, PA: Springhouse Corporation.
3. **Goodnough SK.** (1987). Respiratory disorders. In *Patient Teaching: Nurses' Reference Library*, Nursing 87 Books, Springhouse, PA: Springhouse Corporation.
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5. **Goodnough-Hanneman SK.** (1989). Clinical consultant and contributor. *Patient Teaching Loose Leaf Library*. Springhouse, PA: Springhouse Corporation.
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7. **Goodnough-Hanneman SK.** (1993). Ventilatory management. In RL Boggs, MW King. (Eds.), *AACN Procedure Manual for Critical Care* (3<sup>rd</sup> Ed., pp. 96-164), Philadelphia: WB Saunders Company.
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9. **Hanneman SK.** (1998). Mentoring behaviors versus mentoring relationship: A dissenter's perspective. In C Vance, R Olson (Eds.), *The Mentor Connection in Nursing* (pp. 100-104), New York: Springer Publishing Company.
10. **Hanneman SK.** (1998). Weaning from short-term mechanical ventilation. *AACN Research Based Practice Protocol*, Aliso Viejo, CA: American Association of Critical Care Nurses.
11. **Hanneman SK** (Executive Editor). (1999). *Research Integrity: A Professional, Ethical, and Social Obligation Conference Proceedings*, Houston, TX: University of Texas Health Science Center-Houston, Center for Nursing Research.

**Books & Chapters (cont.)**

12. **Hanneman SK**, Kite-Powell DM. (2004). Readiness to wean from mechanical ventilation. In B Melnyk, E Fineout-Overholt (Eds.), *Evidence-Based Practice in Nursing & Health: A Guide for Translating Research Evidence into Practice*. Hagerstown, MD: Lippincott Williams & Wilkins.

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1. Guthrie A, Starck P, **Goodnough SK**, Bryan-Brown CW. (November 1983). Barotrauma in the mechanically ventilated patient: A new look. *Radiology*, 149(P):23.
2. **Goodnough SK**, Bines A, Schneider W. (1985). Clinical advancement of professional practice. *Proceedings of the Second Annual Conference on Neurotrauma*, p. 29.
3. **Goodnough SK**, Bines A, Schneider W. (1986). The effect of clinical nursing expertise on patient outcomes. *Critical Care Medicine*, 14(4):358.
4. Dalston JW, Roper MB, **Goodnough SK**. (1987). Innovations in providing quality health care to indigent children. *Proceedings of the 1987 Annual Meeting, National Association of Children's Hospitals and Related Institutions, Inc. (NACHRI)*.
5. **Goodnough SK**, Bines A, Schneider W. (1988). The effect of clinical nursing expertise on patient outcomes. *Proceedings of the Third International Intensive Care Nursing Conference*, p. 192.
6. **Goodnough-Hanneman SK**. (1991). Grief: A dark and heavy thing. The eyes have it: Presence in critical care. Does anyone know I'm here? In M. Harvey, et al., *Proceedings of the Invitational Conference on Fostering Humanism in Critical Care*, Fullerton, CA: Society of Critical Care Medicine.
7. **Goodnough-Hanneman SK**. (1992). Predictors of weaning from mechanical ventilation. *Heart & Lung*, 21(2):9.
8. **Hanneman SK**. (1992). Patterns in expert and nonexpert critical care nursing practice and patient outcomes. *Heart & Lung*, 21(2):290.
9. **Goodnough-Hanneman SK**. (1993). Building a research enterprise at a nonresearch-intensive institution. *National Institutes of Health Extramural Associates Program 1993 Update Conference Proceedings Book*.
10. **Hanneman SK**, Lindley P, Kehr W, Witherspoon J. (1994). Differences in pulmonary mechanics due to body position in MICU patients being weaned from mechanical ventilation. *Respiratory Care*, 39(11):1062.
11. **Hanneman SK**, Cozart HT. (1997). Subjective nursing assessment of cough effort intensity. *American Journal of Critical Care*, 6(3):248.
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**Peer Reviewed Abstracts** (cont.)

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16. **Hanneman SK**, McKay K, Costas G, Bickel DR. (2001). Porcine ambulatory temperature rhythms. *Proceedings of the 15<sup>th</sup> Anniversary Conference of the Southern Nursing Research Society*, Baltimore, MD, p. 55.
17. **Hanneman SK**, Jesurum J, Bickel D. (2002). Methods of temperature measurement. *American Journal of Critical Care*, 11:290-291.
18. **Hanneman SK**, Padhye NS. (2002). Circadian temperature rhythm in women. *Proceedings of the State of the Science Congress: Advancing nursing practice excellence: State of the Science*, Washington, DC, p. 26.
19. **Hanneman SK**. (2003). Porcine intensive care model. *Critical Care Medicine*, 30(12 Suppl), A42.
20. **Hanneman SK**. (2004). Biomarkers of circadian rhythmicity. *2004 Congress Proceedings of the National Congress on the State of the Science in Nursing Research*, Washington, DC, p. 78.
21. Gusick G, Chen C, Godden A, **Hanneman S**. (2005). Oral care and patient positioning in critical care. *American Journal of Critical Care*, 14:261.
22. Vincent MA, **Hanneman SK**, Padhye NS. (2006). Porcine stress hormone circadian rhythm in intensive care. *Proceedings of the Tenth Meeting of the Society for Research on Biological Rhythms*, Sandestin, FL, p. 128.
23. Green K, **Hanneman SK**, Padhye NS. (2006). Salivary cortisol in doctoral nursing students. *17<sup>th</sup> International Nursing Research Congress Focusing on Evidence-Based Practice*, Sigma Theta Tau International, Montreal, Quebec, Canada.
24. **Hanneman SK**, Vincent MA. (2006). Challenges of establishing a pre-clinical model for translational research in critical care. *2006 Proceedings of the National State of the Science Congress in Nursing Research – Improving Life: Development and Dissemination of Nursing Innovation*, Washington, DC.
25. Vincent MA, **Hanneman SK**, Padhye N. (2008). Circadian rhythm analysis: A pilot study of single vs. serial section cosinor analysis. *Proceedings of the Society for Research on Biological Rhythms 11<sup>th</sup> Biennial Meeting*, Sandestin, FL.
26. **Hanneman, SK**. (2008). Use of biophysiologic and biochemical measures in translational research. *Proceedings of the 2008 National State of the Science Congress on Nursing Research*, Washington, DC.



**Peer Reviewed Abstracts** (cont.)

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28. Wachtel S, **Hanneman SK**, Hamlin S, Brazdeikis A, Padhye N. (2008). Continuous measurement of turn angle during kinetic therapy. *Proceedings of the 2008 National State of the Science Congress on Nursing Research*, Washington, DC.
29. Vincent MA, **Hanneman SK**, Waymire JC, Cox C. (2008). Validation of biochemical markers of circadian pacemaker function. *Proceedings of the 2008 National State of the Science Congress on Nursing Research*, Washington, DC.
30. **Hanneman, SK**. (2008). Nursing leadership in a trans-disciplinary roadmap initiative. *Proceedings of the 2008 National State of the Science Congress on Nursing Research*, Washington, DC.
31. **Hanneman, SK**. (2008). Shaping new training paradigms. *Proceedings of the 2008 National State of the Science Congress on Nursing Research*, Washington, DC.
32. Leyden KN, **Hanneman SK**. (2010). Validity of the modified RASS for use in a porcine ICU model. *Proceedings of the 26<sup>th</sup> Conference of the International Society of Chronobiology*, Vigo, Spain.
33. Leyden KL, **Hanneman SK**. (2010). Reproducibility of the Actiwatch-Score in women. *Proceedings of the 26<sup>th</sup> Conference of the International Society of Chronobiology*, Vigo, Spain.
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37. Leyden KL, **Hanneman SK**, McCarley C, Padhye NS. (2012). Activity-rest circadian rhythms in COPD. *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC.
38. Leyden KN, **Hanneman SK**. (2012). Validity of the Modified Richmond-Agitation Sedation Scale for use in sedated, mechanically ventilated swine. *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC.
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**Peer Reviewed Abstracts** (cont.)

40. Vincent MA, **Hanneman SK**, Padhye NS, Smolensky MH, Kang D-H. (2012). ICU patient core body and ambient temperature 24-hr patterns and illness severity. (2012). *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC.
41. Hamlin SK, **Hanneman SK**, Padhye NS, Lodato RF. (2012). Hemodynamic changes associated with manual and automated lateral rotation in mechanically ventilated ICU patients. *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC.
42. **Hanneman SK**, Gusick G, Hamlin S, Wachtel S, Cron S, Jones D, Oldham S. (2014). Pilot study of a randomized controlled trial of manual versus automated lateral rotation. *Critical Care Medicine* 2013; 41:12 (S421).
43. **Hanneman SK**. (May 22, 2014). Pilot study of a randomized controlled trial of manual versus automated lateral rotation to reduce preventable pulmonary complications in mechanically ventilated ICU patients. Podium presentation, Session on Efficacy and Safety of Lateral Rotation in Adult Mechanically Ventilated ICU Patients. *Proceedings of the AACN National Teaching Institute & Critical Care Exposition*, Denver, CO.
44. **Hanneman SK**, Gusick G, Hamlin S, Wachtel S, Cron S, Jones D, Oldham S. (2014). Effect size estimation for a randomized controlled trial of manual versus automated lateral rotation to reduce preventable pulmonary complications in mechanically ventilated ICU patients. *Proceedings of the 2014 National State of the Science Congress on Nursing Research*, Washington, DC.
45. **Hanneman SK**, McCue D, Blog GL. (2014). Partial validation of salivary IL-6 and TNF- $\alpha$  by enzyme immunoassay. *Proceedings of the 2014 National State of the Science Congress on Nursing Research*, Washington, DC.
46. Mellott, K.G., Jones, D. J, **Hanneman, S.K.** (2016). Continuous Biobehavioral Measures to Identify Patient Ventilator Asynchrony: Methodological and Practice Challenges. *American Journal of Respiratory Critical Care Medicine*, 193: A5274. C51. RESPIRATORY FAILURE: HIGH FLOW OXYGEN, LIBERATION, NON-INVASIVE, AND PROLONGED VENTILATION.
47. **Hanneman SK**, Padhye NS, Whitehead L, Burk R. (2016). Effect of Light at Night on Salivary Melatonin Levels and Circadian Rhythm. *Proceedings of the 2016 National State of the Science Congress on Nursing Research*, Washington, DC.
48. Mathew Joseph N, **Hanneman SK**. (2017). Physical Activity in U. S. Asian-Indian Women: Comparison of Acculturation Level and Immigrant Status. *Proceedings of the Sigma Theta Tau International 28<sup>th</sup> International Nursing Research Congress*, Dublin, Ireland.
49. **Hanneman SK**, Kamat S, Hui D. (2018). Inflammation and Delirium in Palliative Care Patients. *Proceedings of the 2018 National State of the Science Congress on Nursing Research*, Washington, DC.
50. **Hanneman SK**, Kamat S, Padhye NS, Whitehead L. (2018). Light-at-night and Salivary Interleukin (IL)-6 Levels. *Proceedings of the 2018 National State of the Science Congress on Nursing Research*, Washington, DC.

**Peer Reviewed Abstracts** (cont.)

51. Drake J, **Hanneman SK**, McEwen M, Ramirez E, Conti V. (2020). Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS©. Sigma Theta Tau International and National League for Nursing Education Conference, Washington, D.C. (Poster presentation; accepted and poster prepared, but unable to present due to UTHHealth coronavirus travel restrictions)
52. Drake J, **Hanneman SK** (September 17 & 18, 2020). Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS©: Phase 1. Biennial National Congress on the State of the Science in Nursing Research, Washington, D. C. (virtual digital poster presentation).
53. Davidson JJE., Doran, N., Petty, A., Arellano, D., Henneman, E., **Hanneman, SK.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (June 25, 2021). A national survey exposes unintended consequences when applying The Joint Commission titration standards into practice. Nursing Research and Evidence-based Practice Conference, 14<sup>th</sup> Annual Nursing Inquiry and Innovation Conference, University of California, San Diego.
54. Warren ML, Arellano DL, Davidson J, Doran, N., Petty, A., Henneman, E., **Hanneman, SK.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (October 8, 2021). An exploratory descriptive survey of nurses' experience applying The Joint Commission Medication Management Titration Standards into practice. Society of Critical Care Medicine, Texas Chapter 10<sup>th</sup> Annual Symposium, City. Virtual platform. 1st place Jeffrey J. Bruno Symposium Award.
55. Hui D, Puac V, Shelal Z, Dev R, **Hanneman S**, Jennings K, Ma H, Urbauer D, Shete S, Fossella F, Liao Z, Blumenschein G, Chang J, O'Reilly M, Gandhi S, Tsao A, Mahler D, Bruera E. (June 4, 2022). Alleviating breathlessness in cancer patients with dexamethasone (ABCD): A parallel-group, double-blind, randomized clinical trial (RCT). American Society of Clinical Oncology Annual Meeting, Chicago, IL.

### Other Publications

1. **Crabtree SK**, Co-author. (1977). "PARIS Project: Summary report of an educational respiratory training model," Pacific Medical Center, National Institutes of Health, National Heart and Lung Institute, Division of Lung Disease.
2. **Crabtree SK**. (1979). The effects of oxygen and hyperinflation on arterial oxygen tension following endotracheal suctioning. Master's Thesis, University of California, San Francisco, CA.
3. **Goodnough SK**. (1987). Close to the bull's horns. Letter to the Editor, *FOCUS On Critical Care*, 14(4):8.
4. **Goodnough-Hanneman SK**. (1990). Book Review of Sandowski CL, Sexual concerns when illness or disability strikes. Springfield, IL: Charles Thomas Publishers, 281 pp., *Heart & Lung*, 19(5):543.
5. Harvey MA, Ninos NP, Adler DA, **Goodnough-Hanneman SK**, Kaye W, Nikas D. (1991). Fostering humane care: Creating a healing environment. *Proceedings of the First Invitational Conference on Fostering Humanism in Critical Care*. Fullerton, CA: Society of Critical Care Medicine.
6. **Goodnough SK**. (1991). Foreword. *Cardiopulmonary emergencies*. Springhouse, PA: Springhouse Corporation.
7. **Hanneman SK**. (1995). President's message. *Beta Beta Bulletin*, 95(1):1.
8. **Hanneman SK**. (1995). Musings from the president on scholarly productivity and collaboration. *Beta Beta Bulletin*, 95(2):3.
9. **Hanneman SK**. (1996, 1999). Musings from the president: Flying in formation with the nursing elite. *Beta Beta Bulletin*, pp. 1-2. Reprinted in *The Region 3 Connection*, p. 7.
10. **Hanneman SK**. (1996). Musings from the president: Lessons learned from an existential crisis. *Beta Beta Bulletin*, pp. 1-2.
11. **Hanneman SK**. (1996). Musings from the president: Nursing's covenant with society and end-of-life decisions. *Beta Beta Bulletin*, pp. 1-2.
12. **Hanneman SK**. (1997). Musings from the president: Achieving the potential. *Beta Beta Bulletin*, pp. 1-2.
13. **Hanneman SK**. (1997). Foreword: Cardiovascular disease in vulnerable populations. *Journal of Cardiovascular Nursing*, 11(4): v-vii.
14. **Hanneman SK**. (1998). Pattern recognition: A complex process. Editorial. *American Journal of Critical Care*, 7(5):332-334. **Invited**
15. **Hanneman SK**. (1998). Time warp: Existential crisis revisited. *Beta Beta Bulletin*, p. 2.
16. **Hanneman SK**. (1999). Clinical sidebar (Clinical comments on "Model of chronic dyspnea" article). *Image: Journal of Nursing Scholarship*, 31(3):235.

**Other Publications** (cont.)

17. **Hanneman SK.** (1999). Empathy: A challenge for critical care (Letter to the Editors). *American Journal of Critical Care*, 8(6):421-422.
18. Holtzclaw BJ, **Hanneman SK.** (2001). Circadian and thermoregulatory responses hold clinical clues (Guest Editorial). *Biological Research in Nursing*, 2(4):219-220.
19. **Hanneman SK.** (2002). Foreword: Critical care research: Part 1. *Critical Care Nursing Quarterly*, 24(4): v-vi.
20. **Hanneman SK.** (2002). Foreword: Critical care research: Part 2. *Critical Care Nursing Quarterly*, 25(2): v-vi.
21. **Hanneman SK.** (2003). Is adherence to clinical guidelines a good thing? (**Invited** Editorial). *Critical Care Medicine*, 31(11):2711-2712.
22. **Hanneman SK.** (2007). Chronobiology in health care (Editorial). *Biological Research for Nursing*, 9(1):5-7.
23. **Hanneman SK.** (2012). Circadian rhythms in porcine and clinical ICU patients. Investigator Spotlight column. *Center for Laboratory Animal Medical Care Newsletter*, Fall issue.

**PRESENTATIONS (Selected Listings)****International**

**Hanneman, SK.** (November 5, 1995). "Differences in Pulmonary Mechanics Due to Body Position in Medical Patients Being Weaned from Mechanical Ventilation." Sigma Theta Tau International Biennial Convention, Detroit, MI. Paper Presentation.

**Hanneman, SK.** (June 21, 1997). "Reliability and Validity of Cough Effort Intensity as Assessed by Nurses." 9<sup>th</sup> International Nursing Research Congress, Sigma Theta Tau International, Vancouver, British Columbia, Canada. Paper Presentation.

**Hanneman, SK.** (August 28-September 1, 1999). "Time Structure of Respiratory Rate in a Porcine ICU Model," International Congress on Chronobiology. Washington, DC. Poster Presentation.

**International** (cont.)

**Hanneman, SK.** (August 28-September 1, 1999). "Porcine Ambulatory Temperature Rhythms," International Congress on Chronobiology, Washington, DC. Poster Presentation.

**Hanneman, SK.** (April 30, 2003). "Research at The University of Texas School of Nursing at Houston," la Universidad Autonoma de Tamaulipas, Escuela de Enfermeria, Tampico, Mexico. Paper Presentation.

**Hanneman, SK.** (July 13, 2005). "Searching for Clinical Evidence from Basic Science Findings," Third International Evidence-Based Nursing Preconference, Sigma Theta Tau International, Waikoloa, HI. Paper Presentation.

**International Presentations** (cont.)

**Hanneman, SK.** (July 14, 2005). "Oral Care and Patient Positioning in Critical Care: A Replication Study," 16<sup>th</sup> International Nursing Research Congress, Sigma Theta Tau International, Waikoloa, HI. Poster Presentation.

**Hanneman SK,** Green KE, Padhye N. (July 22, 2006). "Ethnic Differences in Salivary Cortisol Levels of Doctoral Nursing Students," 17<sup>th</sup> International Nursing Research Congress Focusing on Evidence-based Practice: Advancing Knowledge, Community and Evidence-based Practice Globally through Collaboration. Sigma Theta Tau International, Montreal, Quebec, Canada. Paper Presentation.

Leyden KN, **Hanneman SK.** (July 5-9, 2010). "Validity of the Modified RASS for Use in a Porcine ICU Model," 26<sup>th</sup> Conference of the International Society of Chronobiology, Vigo, Spain. Poster Presentation.

Leyden KL, **Hanneman SK.** (July 5-9, 2010). "Reproducibility of the Actiwatch-Score in Women," 26<sup>th</sup> Conference of the International Society of Chronobiology, Vigo, Spain. Poster Presentation.

Mellott, K.G., Jones, D. J, **Hanneman, S.K.** (May 1, 2016). "Continuous Bio-behavioral Measures to Identify Patient Ventilator Asynchrony: Methodological and Practice Challenges," American Thoracic Society, San Francisco, CA. Podium presentation.

Wong M, **Hanneman SK.** (June 2016). "Monitoring for respiratory compromise: Results of a survey of nurses." International Conference on Opioids, Boston, MA, Poster presentation.

Mathew Joseph N, **Hanneman SK.** (July 2017). Physical Activity in U.S. Asian-Indian Women: Comparison of Acculturation Level and Immigrant Status. Sigma Theta Tau International 28<sup>th</sup> International Nursing Research Congress, Dublin, Ireland, Podium Presentation.

Wongrostrai Y, Fongkaew W, Pinyokham N, **Hanneman SK.** (October 20– 22, 2017). A Qualitative study of factors affecting sustainable implementation of a mechanical ventilation weaning protocol. International Nursing Research Conference 2017, Thailand Nursing and Midwifery Council and the World Academy of Nursing Science, Bangkok, Thailand (Podium presentation)

Drake J, **Hanneman SK,** McEwen M, Ramirez E, Conti V. (2020). Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS©. Sigma Theta Tau International and National League for Nursing Education Conference, Washington, D.C. (Poster presentation; accepted and poster prepared, but unable to present due to UTHHealth coronavirus restrictions)

**Hanneman SK.** (April 5, 2022). Disseminating research findings. Higher Colleges of Technology, Faculty of Health Sciences, Health Sciences Research Workshop, Jordan and United Arab Emirates (virtual podium).

**National**

**Hanneman, SK.** (October 18-21, 1990). "Fostering Humanism in Critical Care," Society of Critical Care Medicine Invitational Conference, Snowbird, UT. Faculty

**Hanneman, SK.** (May 12-16, 1991). "Developing Skilled Knowledge in Critical Care Nursing Practice," "Research-based Product Evaluation," "1991 NTI Forum: Collaboration Between Service and Academia: Impossibility or Opportunity?" and "Approaches to Patient Support and Family Involvement in ICU," American Association of Critical Care Nurses' National Teaching Institute, Boston, MA. Speaker.

**Hanneman, SK.** (May 21, 1991). "Diversity in Practice: Challenging the Myths of Clinical Competency," National Association of Orthopedic Nurses 11th Annual Congress, San Antonio, TX. Speaker.

**Hanneman, SK.** (April 3, 1992). "Building a Research Program at a Women's Institution," Grants Associate Seminar, National Institutes of Health, Bethesda, MD. Speaker.

**Hanneman, SK.** (May 19, 1992). "Physiological Predictors of Successful Early Weaning from Mechanical Ventilation after Cardiac Surgery," Scientific Sessions, American Association of Critical Care Nurses National Teaching Institute, New Orleans, LA. Paper Presentation.

**Hanneman, SK.** (May 21, 1992). "Patterns and Relationships between Expert and Non-expert Critical Care Nursing Practice and Patient Outcomes," Scientific Sessions, American Association of Critical Care Nurses National Teaching Institute, New Orleans, LA. Paper Presentation.

**Hanneman, SK.** (May 26, 1992). "The Effect of Clinical Nursing Expertise on Patient Outcomes," Division of Nursing, National Institutes of Health Clinical Center, Bethesda, MD. Speaker.

**Hanneman, SK.** (April 29, 1993). "Predictors of Weaning from Mechanical Ventilation" and "Patterns in Expert and Non-expert Critical Care Nursing Practice and Patient Outcomes," AACN 6th Annual Nursing Research Symposium, Kansas City, KS. Speaker and Keynote Speaker, respectively.

**Hanneman, SK.** (September 23, 1993). "Building a Research Enterprise in a Non-Research Intensive Institution," Extramural Associates 1993 Update Conference, National Institutes of Health, Bethesda, MD. Keynote Speaker.

**Hanneman, SK.** (November 13, 1993). "Preventing Pulmonary Complications," *Finding your Niche in Nursing*," Panel, National Student Nurses' Association Mid-Year Conference, Dallas, TX. Presenter.

**Hanneman, SK.** (November 30, 1993). "Patterns in Expert and Non-expert Critical Care Nursing Practice and Patient Outcomes," Sigma Theta Tau International Scientific Sessions, Indianapolis, IN. Paper Presentation.

**Hanneman, SK.** (May 8, 1994). "Differences in Pulmonary Mechanics Due to Body Position in MICU Patients Being Weaned from Mechanical Ventilation," AACN National Critical Care Nursing Research Conference, Atlanta, GA. Paper Presentation.

**Hanneman, SK.** (May 12, 1994). "Ventilator Weaning: Current Status and Future Directions," AACN National Teaching Institute, Atlanta, GA. Panel Member.

**PRESENTATIONS – National (cont.)**

**Hanneman, SK.** (December 10, 1994). "Differences in Pulmonary Mechanics Due to Different Body Positions in MICU Patients Being Weaned from Mechanical Ventilation," American Association of Respiratory Care Annual Meeting, Las Vegas, NV. Oral and Poster Presentation.

**Hanneman, SK.** (September 26, 1996). "What has the EARDA Done for Our Schools?" Fostering Science at Women's Colleges and Minority Institutions. National Institutes of Health, Extramural Associates Program and Carlow College, Pittsburgh, PA. Panel Presentation.

**Hanneman, SK.** (May 20-21, 1997). "Subjective Nursing Assessment of Cough Effort Intensity," 24<sup>th</sup> Annual National Teaching Institute, American Association of Critical Care Nurses, Orlando, FL. Poster Presentation.

**Hanneman, SK.** (May 21, 1997). "3<sup>rd</sup> National Study Group: Forward Progress to Test a Model of Weaning." 24<sup>th</sup> Annual National Teaching Institute, American Association of Critical Care Nurses, Orlando, FL. Panel Presentation.

**Hanneman, SK.** (June 18-21, 1998). "Subjective Nursing Assessment of Cough Effort," The Philippine Nurses Association National Convention, Poster Presentation, San Diego, CA.

**Hanneman, SK.** (March 11-12, 1999). "Research Integrity: A Professional, Ethical, and Social Obligation." National Conference hosted by The University of Texas Health Science Center at Houston and co-sponsored by The University of Houston, UT MD Anderson Cancer Center, Texas Woman's University-Houston Center, Texas

Southern University, Prairie View A&M University, and the US Public Health Service Office of Research Integrity, Houston, TX. Conference Chair.

**Hanneman, SK.** (May 22, 2000). "Fascinating Rhythms: Clues to Better Patient Care?" American Association of Critical-Care Nurses, National Teaching Institute, Orlando, FL. Distinguished Research Lecture. **Invited.**

**Hanneman, SK.** (November 1-5, 2000). "The Promise and Perils of Real-time Data," American Academy of Nursing Annual Meeting, San Diego, CA. Poster Presentation.

**Hanneman, SK.** (May 5-9, 2002). "Comparison of Methods of Temperature Measurement in Swine," American Association of Critical Care Nurses, National Teaching Institute, Atlanta, GA. Poster Presentation.

**Hanneman, SK.** (September 26-28, 2002). "Circadian Temperature Rhythm in Women," State of the Science Congress, Washington, DC. Paper Presentation.

**Hanneman, SK.** (January 28-February 2, 2003). "Porcine Intensive Care Model," 32<sup>nd</sup> Critical Care Congress, Society of Critical Care Medicine, San Antonio, TX. Poster Presentation and Professor Walk Rounds.

**Hanneman, SK.** (October 7, 2004). "Application of Chronobiology Theory and Methods to Health Issues," National Congress on the State of the Science in Nursing Research, Washington, D.C. Symposium Coordinator.

**Hanneman, SK.** (October 7, 2004). "Biomarkers of Circadian Rhythmicity," National Congress on the State of the Science in Nursing Research, Washington, D.C. Symposium Paper Presentation.



**PRESENTATIONS – National** (cont.)

**Hanneman, SK.** (May 7-12, 2005). "Frequency of Oral Care and Positioning in Critical Care: A Replication Study," American Association of Critical-Care Nurses, National Teaching Institute & Critical Care Exposition (NTI), New Orleans, LA. Poster Presentation.

**Hanneman, SK.** (January 10, 2006). "Year in Review: Nursing," 35<sup>th</sup> Critical Care Congress, Society of Critical Care Medicine, San Francisco, CA. Paper Presentation.

Vincent MA, **Hanneman SK**, Padhye NS. (May 21-25, 2006). "Porcine Stress Hormone Circadian Rhythms in Intensive Care," 10<sup>th</sup> Biennial Society for Research on Biological Rhythms Conference, Sandestin, FL. Poster Presentation.

**Hanneman SK**, Vincent MA. (October 2006). "Challenges of Establishing a Pre-Clinical Model for Translational Research in Critical Care," National State of the Science Congress in Nursing Research, Washington, DC. Paper Presentation.

**Hanneman SK.** (May 21, 2007). "A Decade Plus: Contributions to the Science from AACN-Philips Research Grants," AACN National Teaching Institute, Atlanta, GA. Panel Presentation.

Vincent MA, **Hanneman SK**, Padhye N. (May 17-21, 2008). "Circadian rhythm analysis: A pilot study of single vs. serial section cosinor analysis," The Society for Research on Biological Rhythms 11<sup>th</sup> Biennial Meeting, Sandestin, FL. Paper Presentation.

**Hanneman, SK.** (October 2008). "Use of Biophysiologic and Biochemical Measures in Translational Research," 2008 National State of the Science Congress on Nursing Research, Washington, DC. Symposium Moderator.

Hamlin S, **Hanneman SK**, Wachtel S, Brazdeikis A, Padhye N. (October 2008). "Biophysiologic Data Acquisition and Integration to Study Turning Adverse Effects," 2008 National State of the Science Congress on Nursing Research, Washington, DC. Symposium Paper Presentation.

Wachtel S, **Hanneman SK**, Hamlin S, Brazdeikis A, Padhye N. (October 2008). "Continuous Measurement of Turn Angle During Kinetic Therapy," 2008 National State of the Science Congress on Nursing Research, Washington, DC. Symposium Paper Presentation.

Vincent MA, **Hanneman SK**, Waymire JC, Cox C. (October 2008). "Validation of Biochemical Markers of Circadian Pacemaker Function," 2008 National State of the Science Congress on Nursing Research, Washington, DC. Symposium Paper Presentation.

**Hanneman, SK.** (October 2008). "Nursing Leadership in a Trans-Disciplinary Roadmap Initiative," 2008 National State of the Science Congress on Nursing Research, Washington, DC. Symposium Moderator.

**Hanneman, SK.** (October 2008). "Shaping New Training Paradigms," 2008 National State of the Science Congress on Nursing Research, Washington, D. C. Symposium Paper Presentation.

**PRESENTATIONS – National** (cont.)

**Hanneman SK**, Flores R, Clubb F, Leyden K. (February 4 – 7, 2011). “Survival and Morbidity in a Porcine Adult ICU Model of Prolonged Mechanical Ventilation,” Society of Critical Care Medicine 41<sup>st</sup> Congress, Houston, TX. Poster session and Professor Walk Rounds (February 5, 2011).

**Hanneman SK**. (May 16, 2011). “Comparative Effectiveness Research,” Nursing Year In Review Symposium, American Thoracic Society, Denver, CO. Symposium Paper Presentation.

**Hanneman SK**, Padhye NS. (September 14, 2012). “Circadian rhythms in a porcine ICU model.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Symposium Paper Presentation.

Padhye NS, **Hanneman SK**. (September 14, 2012). “Estimation of circadian rhythm with allowance for uncertain time period.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Symposium Paper Presentation.

Leyden KL, **Hanneman SK**, McCarley C, Padhye NS. (September 14, 2012). “Activity-rest circadian rhythms in COPD.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Symposium Paper Presentation.

Leyden KN, **Hanneman SK**. (September 15, 2012). “Validity of the Modified Richmond-Agitation Sedation Scale for use in sedated, mechanically ventilated swine.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Poster Presentation.

**Hanneman SK**, Flores R, Clubb, Jr. FJ, Leyden KN. (September 15, 2012). “Standardized porcine adult ICU model of prolonged mechanical ventilation.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Poster Presentation.

Vincent MA, **Hanneman SK**, Padhye NS, Smolensky MH, Kang D-H. (September 14, 2012). “ICU patient core body and ambient temperature 24-hr patterns and illness severity.” (2012). *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Symposium Paper Presentation.

Hamlin SK, **Hanneman SK**, Padhye NS, Lodato RF. (September 14, 2012). “Hemodynamic changes associated with manual and automated lateral rotation in mechanically ventilated ICU patients.” *Proceedings of the 2012 National State of the Science Congress on Nursing Research*, Washington, DC. Paper Presentation.

**Hanneman SK**, Gusick G, Hamlin S, Wachtel S, Cron S, Jones D, Oldham S. (January 10 – 12, 2014). “Pilot study of a randomized controlled trial of manual versus automated lateral rotation.” Society of Critical Care Medicine 43<sup>rd</sup> Critical Care Congress, San Francisco, CA. Poster presentation and Professor Walk Rounds.

Hamlin SK, **Hanneman SK**. (May 22, 2014). “Efficacy and safety of lateral rotation in adult mechanically ventilated ICU patients.” American Association of Critical-Care Nurses National Teaching Institute, Denver, CO. Symposium, Research Track, Podium presentation.

**PRESENTATIONS – National** (cont.)

**Hanneman SK**, Gusick G, Hamlin S, Wachtel S, Cron S, Jones D, Oldham S. (October 2014). Effect size estimation for a randomized controlled trial of manual versus automated lateral rotation to reduce preventable pulmonary complications in mechanically ventilated ICU patients. National State of the Science Congress on Nursing Research, Washington, DC, Podium presentation.

**Hanneman SK**, McCue D, Blog GL. (October 2014). Partial validation of salivary IL-6 and TNF- $\alpha$  by enzyme immunoassay. National State of the Science Congress on Nursing Research, Washington, DC, Podium presentation.

**Hanneman SK**. (December 16, 2014). Ms. Manners on dissemination etiquette. Catholic Health Initiatives, Englewood, CO, Webinar.

Mellott KG, Jones DJ, **Hanneman SK**. (May 2016) Continuous bio-behavioral measures to identify patient ventilator asynchrony: Methodological and practice challenges. American Thoracic Society Annual Meeting, San Francisco, CA, Poster presentation.

**Hanneman SK**, Padhye NS, Whitehead L, Burk R. (October 2016). Effect of Light at Night on Salivary Melatonin Levels and Circadian Rhythm. Biennial National State of the Science Congress on Nursing Research, Washington, DC, Podium presentation.

**Hanneman SK**. (February 26, 2018). Weaning from mechanical ventilation: Science or art? Society of Critical Care Medicine Critical Care Congress 2018, San Antonio, TX, Podium (interdisciplinary concurrent session).

Mellott KG, **Hanneman SK**. (May 24, 2018) Mastering the intricacies of patient ventilator asynchrony. American Association of Critical-Care Nurses National Teaching Institute, Boston, MA, Podium (Mastery session)

**Hanneman SK**, Kamat S, Hui D. (September 14, 2018). Inflammation and Delirium in Palliative Care Patients. 2018 National State of the Science Congress on Nursing Research: Precision Health, The Council for the Advancement of Nursing Science, The American Academy of Nursing, Washington, DC, Podium presentation (Neuroscience 1).

**Hanneman SK**, Kamat S, Padhye NS, Whitehead L. (September 14, 2018). Light-at-night and Salivary Interleukin (IL)-6 Levels. 2018 National State of the Science Congress on Nursing Research: Precision Health, The Council for the Advancement of Nursing Science, The American Academy of Nursing, Washington, DC, Podium presentation (Methods).

Brand MC, Boyd H, Hagen J, **Hanneman SK**, Levy B, Walden M. (October 17-20, 2018) Comparing workplace stress among nurses in single family room and open bay design neonatal ICUs, 2018 National Association of Neonatal Nurses 34th Annual Conference, Anaheim, CA (podium and poster)

Drake J, **Hanneman SK**, McEwen M, Ramirez E, Conti V. (March 26-28, 2020). Development and testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS<sup>®</sup>. Nursing Education Research Conference. Sigma Theta Tau International and the National League of Nursing, Washington, D. C., Poster presentation.

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**PRESENTATIONS – National** (cont.)

Drake J, **Hanneman SK**. (September 17 & 18, 2020). Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey (DAEGAS©): Phase 1. Congress on the State of the Science of Nursing Research, Council for the Advancement of Nursing Science, Washington, D. C. Virtual digital poster presentation.

**PRESENTATIONS – Regional/State**

**Hanneman, SK**. (April 6, 1993). "Strategies for Strengthening the Research Enterprise," Faculty Seminar, Texas Woman's University, College of Health Sciences and College of Nursing, Denton, TX. Speaker.

**Hanneman, SK**. (March 27, 1995). "Faculty as Researchers and Scholarly Beings." Texas Woman's University College of Nursing, Dallas, TX. Speaker.

**Hanneman, SK**. (December 8, 1995). "A Research-based Paradigm for Clinical Nursing Education?" Video-teleconference Presentation to the Houston, Denton, and Dallas campuses. Texas Woman's University College of Nursing. Speaker.

**Hanneman, SK**. (February 4, 1997). "Grantwriting and Funding Strategies." Texas Woman's University School of Physical Therapy. Doctoral Student Seminar. Videoteleconference presentation to the Houston and Dallas, TX campuses. Speaker.

**Hanneman, SK**. (February 6, 1998). "Evidence-Based Nursing," 27<sup>th</sup> Educational and Scientific Symposium, "Frontiers in Critical Care," Society of Critical Care Medicine; Moderator, Scientific Paper Session "Nursing Assessment of Clinical Parameters," San Antonio, TX. Faculty Member.

Cozart HC, **Hanneman SK**. (October 15-16, 1998). "Subjective Nursing Assessment of Cough Effort," Saint Louis University, School of Nursing and Delta Lambda Chapter of Sigma Theta Tau International 25<sup>th</sup> Annual Research Conference, Saint Louis, MO.

**Hanneman, SK**. (February 19, 1999). "Clinical Nurse Researchers Looking for Basic Science Solutions," 13<sup>th</sup> Annual Conference of the Southern Nursing Research Society, Charleston, SC. Symposium Paper Presentation.

**Hanneman, SK**. (October 4, 1998). "As the Pendulum Swings," Society of Research Administrators-Texas Chapter, Annual Meeting, Houston, TX. Keynote Address.

Cozart HC, **Hanneman SK**. (March 26, 1999). "Reliability and Validity of Cough Effort Intensity as Assessed by Nurses," Sigma Theta Tau International, Kappa Kappa Chapter Annual Research Day, Beaumont, TX.

**Hanneman, SK**. (May 26, 1999). "Facilitating Research-Related Activities at Minority and Women's Institutions," National Institutes of Health, Extramural Associates Program Regional Workshop, Houston, TX. Panel Presenter.

**Hanneman, SK**. (February 2, 2001). "Porcine Ambulatory Temperature Rhythms," 15<sup>th</sup> Annual Conference, Southern Nursing Research Society, Baltimore, MD. Paper Presentation.

**PRESENTATIONS – Regional/State** (cont.)

**Hanneman, SK.** (January 12, 2002). “Focus on Funding Strategies for Clinical Scholarship,” *Scholarship and Clinical Practice: Pain Management*. Southern States Knowledge in Nursing 3<sup>rd</sup> Annual Conference, Galveston, TX. Panel Member

**Hanneman, SK.** (October 1, 2002). “Reducing Health Disparities: A Worthwhile Goal,” *The EA Experience*. National Institutes of Health (NIH), Extramural Associates (EA) Program Technical Assistance Regional Workshop, Tucson, AZ. Panel Member

**Hanneman, SK.** (January 12, 2003). “Focus on Funding Strategies for Clinical Scholarship,” *Scholarship and Women’s Health*, Southern States Knowledge in Nursing 4<sup>th</sup> Annual Conference, Galveston, TX. Panel Member

**Hanneman, SK.** (May 6-12, 2004). National Nurses Week Workshop Series: Nursing Research and Its Application to Clinical Nursing Practice, Christus Health Care System, Christus St. Joseph Hospital, Houston, TX. Speaker

**Hanneman, SK.** (November 23, 2004). “The Reliability of Cough Effort Intensity Assessment by Nurses,” The University of Rochester, Strong Memorial Hospital, Clinical Nursing Research Center, Rochester, NY. Distinguished Visiting Scholar.

**Hanneman, SK.** (February 11, 2005). “Building Evidence-Based Practice: The Nurse Researcher in a Clinical Setting,” Knapp Medical Center, Weslaco, TX. Paper Presentation.

**Hanneman, SK.** (October 9-10, 2005) “Frequency of Oral Care and Patient Positioning in Critical Care: A Replication Study,” The University of Rochester, Strong Memorial Hospital, Clinical Nursing Research Center, Rochester, NY. Distinguished Visiting Scholar

**Hanneman, SK.** (April 6, 2006). “Circadian Rhythms and Biobehavioral Stress,” The University of Texas at Brownsville and Texas Southmost College, Brownsville, TX. Keynote Address.

**Hanneman, SK.** (November 8, 2006). “Evidence Base for Preventing Pulmonary Complications in Mechanically Ventilated Patients,” Greater Chicago Regional Nursing Research Symposium, Naperville, IL. Speaker

**Hanneman, SK.** (November 13, 2006) “Evidence Base for Preventing Pulmonary Complications in Mechanically Ventilated Patients,” The University of Rochester, Strong Memorial Hospital, Clinical Nursing Research Center, Rochester, NY. Presenter, Research Grand Rounds

Hamlin SK, **Hanneman SK**, Cron S, Gilman S, Gusick G, Padhye N. (February 22-24, 2007). “Multi-site Randomized Clinical Trial of Horizontal Positioning to Prevent and Treat Pulmonary Complications in Mechanically Ventilated Critically Ill Patients: Hemodynamic Substudy,” Southern Nursing Research Society Annual Meeting, Galveston, TX. Poster Presentation

Vincent MA, **Hanneman SK**, Padhye N. (February 21-23, 2008). “Biomarker Circadian Rhythm Profiles in Critically Ill Mechanically Ventilated Patients: A Pilot Study,” Southern Nursing Research Society Annual Meeting, Birmingham, AL. Poster Presentation.

**PRESENTATIONS – Regional/State** (cont.)

**Hanneman, SK.** (April 30, 2009). "Design, Analysis, and Interpretation of Method-Comparison Studies," The University of Rochester, Strong Memorial Hospital, Clinical Nursing Research Center, Rochester, NY. Distinguished Visiting Scholar.

**Hanneman, SK.** (February 5, 2010). "Exploration of Porcine Stress-Hormone Response to Critical Care," Southern Nursing Research Society Annual Meeting, Austin, TX. Paper presentation.

**Hanneman SK.** (May 25, 2011). "Circadian rhythms in the ICU," PhD Seminar, New Mexico State University, Sigma Theta Tau International, Pi Omega Chapter. Visiting Scholar.

Vakil S, **Hanneman SK**, Kamat S. (March 28, 2017). "Performance Comparison of Two Commercially Available Interleukin-6 Immunoassays, Texas Undergraduate Research Day at the Capitol, Austin, TX. Poster presentation.

Davidson, JE., Doran, N., Petty, A., Arellano, D., Henneman, E., **Hanneman, SK.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (April 7, 2021). An Explanatory Descriptive Survey of Nurses' Experience Applying The Joint Commission Medication Management Titration Standards into practice, Sigma Theta Tau Beta Zeta at Large Chapter (Western Massachusetts) Virtual Scholarship Day, podium presentation.

Davidson J JE., Doran, N., Petty, A., Arellano, D., Henneman, E., **Hanneman, SK.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (June 25, 2021). A national survey exposes unintended consequences when applying The Joint Commission titration standards into practice. Nursing Research and Evidence-based Practice Conference, 14<sup>th</sup> Annual Nursing Inquiry and Innovation Conference, University of California, San Diego.

Warren ML, Arellano DL, Davidson J, Doran, N., Petty, A., Henneman, E., **Hanneman, SK.**, Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (October 8, 2021). An exploratory descriptive survey of nurses' experience applying The Joint Commission Medication Management Titration Standards into practice. Society of Critical Care Medicine, Texas Chapter 10<sup>th</sup> Annual Symposium, City. Virtual platform. 1st place Jeffrey J. Bruno Symposium Award.

## **PRESENTATIONS – Local**

**Hanneman, SK.** (May 14, 1990). "Care of the Adult Patient Receiving Mechanical Ventilatory Assistance," St. Luke's Episcopal Hospital Critical Care Division, Houston, TX. Speaker.

**Hanneman, SK.** (October 12, 1990). "Development of Skilled Knowledge in Critical Care," Houston-Gulf Coast Chapter, AACN 1990 Critical Care Trends, Houston, TX. Speaker.

**Hanneman, SK.** (December 4, 1990). "Pulmonary Complications: A Less Traveled Road for Professional Opportunities," St. Luke's Episcopal Hospital Professional Nursing Symposium, Houston, TX. Speaker.

**Hanneman, SK.** (February 21, 1991). "The Effect of Clinical Expertise on Patient Outcomes," Pragmatic Innovations and Applications: Shaping Our Clinical Future, Collaborative Research Conference, Houston, TX. Poster Session.

**Hanneman, SK.** (February 22, 1991). "Evaluation of Endotracheal Suctioning Procedures," Pragmatic Innovations and Applications: Shaping Our Clinical Future, Collaborative Research Conference, Houston, TX. Speaker.

**Hanneman, SK.** (May 2, 1991). "Preventable Pulmonary Complications: A Less Traveled Road for Professional Opportunities." Houston-Gulf Coast Chapter AACN, sponsored by Hewlett Packard, Houston, TX. Speaker.

**Hanneman, SK.** (October 18, 1991). "Adult Respiratory Distress Syndrome: What Have We Learned in 25 Years?" Houston-Gulf Coast Chapter AACN, Houston, TX. Speaker.

**Hanneman, SK.** (November 4, 1991). "Preventable Pulmonary Complications: A Less Traveled Road for Professional Opportunities," Hermann Hospital, Houston, TX. Visiting Scholar.

**Hanneman, SK.** (November 24, 1992). "Developing a Weaning Program of Research," Faculty Development Seminar, Texas Woman's University, Houston, TX. Speaker.

**Hanneman, SK.** (February 26, 1993). "Getting Started on a Research Path," Faculty Development Seminar, UT-Houston School of Nursing and Texas Woman's University, Houston, TX. Speaker.

**Hanneman, SK.** (January 6, 1994). "Flying in Formation," Professional Development Program, Harris County Hospital District, Houston, TX. Speaker.

**Hanneman, SK.** (February 17, 1994). "Patterns in Expert and Nonexpert Critical Care Nursing Practice and Patient Outcomes," Nursing Research: For Novice and Expert Conference, Houston, TX. Paper Presentation.

**Hanneman, SK.** (February 17, 1994). "Predictors of Weaning from Mechanical Ventilation," Nursing Research: For Novice and Expert Conference, Houston, TX. Paper Presentation.

**Hanneman, SK.** (February 17, 1994). "Differences in Pulmonary Mechanics Due to Body Position in Medical Patients Being Weaned from Mechanical Ventilation," Nursing Research: For Novice and Expert Conference, Houston, TX. Paper Presentation.

**PRESENTATIONS – Local** (cont.)

**Hanneman, SK.** (March 8, 1994). "Focusing the Lens to Evaluate Clinical Competency," Critical Care Trends '94, Houston-Gulf Coast Chapter AACN, Houston, TX. Presenter.

**Hanneman, SK.** (April 8, 1994). "The Effects of a Clinical Nurse Specialist on Preventable Pulmonary Complications," "Patterns in Expert and Nonexpert Critical Care Nursing Practice and Patient Outcomes," "Predictors of Weaning from Mechanical Ventilation," and "Differences in Pulmonary Mechanics Due to Body Position in Medical Patients Being Weaned from Mechanical Ventilation." Texas Woman's University, Institute of Health Sciences-Houston 2nd Annual Research Day, Houston, TX. Poster Presentations.

**Hanneman, SK.** (April 30, 1994). "Research-based Pulmonary Management of Postoperative Cardiac Surgery Patients," Annual Cardiovascular Symposium, Twelve Oaks Hospital, Houston, TX. General Session Presenter.

**Hanneman, SK.** (November 29, 1994). "Pulmonary Nursing," San Jacinto Community College Graduating Seniors, Pasadena, TX. Speaker.

**Hanneman, SK.** (April 28, 1995). "The Normal Curve." Sigma Theta Tau International Beta Beta Chapter Induction Ceremony, Houston, TX. Keynote Speaker.

**Hanneman, SK.** (May 10, 1995). "My Precious Portfolio." Texas Woman's University College of Nursing Pinning Ceremony, Houston, TX. Keynote Speaker.

**Hanneman, SK.** (October 11, 1995). "Days with Hundreds of Pockets." Hermann Hospital Research Day, Houston, TX. Keynote Speaker.

**Hanneman, SK.** (September 8, 1995). "Grantwriting." Videoteleconference Workshop to the Houston and Denton campus faculty and doctoral students. Texas Woman's University School of Occupational Therapy. Speaker.

**Hanneman, SK.** (November 3, 1995). "Subjective Nursing Assessment of Cough Effort." Parry Distinguished Lecture Series in Health Promotion and Disease Prevention, Texas Woman's University, Houston, TX. Poster Presentation.

**Hanneman, SK.** (January 4, 1996). "Predictors of Weaning from Mechanical Ventilation." Houston-Gulf Coast AACN Chapter Educational Program, Houston, TX. Speaker.

**Hanneman, SK.** (January 22, 1996). "A Model for Product Evaluation." Research Utilization Program, sponsored by Texas Medical Center Institutions, Houston, TX. Poster Presentation.

**Hanneman, SK.** (February 26, 1996). "Research that Makes a Difference in Patient Care." UT-Houston, SON Faculty and Student Seminar, Houston, TX. Speaker.

**Hanneman, SK.** (March 5, 1996). "Biorhythmic Patterns During Mechanical Ventilation and Weaning." 1996 Critical Care Trends, Houston, TX. Keynote Speaker.



**PRESENTATIONS – Local** (cont.)

**Hanneman, SK.** (October 14, 1997). "The Gel Factor: From Individual Studies to a Program of Research," Brown Bag Research Seminar, Texas Woman's University, Houston, TX. Paper Presentation.

**Hanneman, SK.** (January 23, 1998). Member, Mock Peer Review Panel, UT-Houston, Common Sense Approach to Grant Writing, Houston, TX.

**Hanneman, SK.** (October 4, 1998). "As the Pendulum Swings," Society of Research Administrators-Texas Chapter, Annual Meeting, Houston, TX. Keynote Address.

**Hanneman, SK.** (October 4, 1998). "UT on the Move," New Faculty Orientation, UT-Houston Health Science Center, Houston, TX. Speaker.

**Hanneman, SK.** (October 4, 1998). "Feasibility of a Porcine Model of Prolonged Acute Stress," Poster Session, and Moderator, Paper Sessions, UT-Houston Health Science Center, 4<sup>th</sup> Annual Research Day, Houston, TX.

**Hanneman, SK.** (October 10, 1998). "Research Questions from Practice," Improving Practice through Nursing Research Workshop, The Methodist Hospital, Houston, TX. Speaker.

**Hanneman, SK.** (March 2, 1999). "Developing an Experimental Model of Prolonged Acute Stress," Sigma Theta Tau International, Zeta Pi Chapter, Houston, TX. Speaker.

**Hanneman, SK.** (October 4, 1999). "Clinical Nurse Specialist Impact on Patient Outcomes and Nursing Practice," Nursing Research Forum, M.D. Anderson Cancer Center, Division of Nursing, Houston, TX. Presenter.

**Hanneman, SK.** (October 7, 1999). "A New Model for Mechanical Ventilation Weaning," Houston-Gulf Coast Chapter AACN, Houston, TX. Presenter.

**Hanneman, SK.** (October 8, 1999). "Time Structure of Respiratory Rate in a Porcine ICU Model," University of Texas Health Science Center at Houston, 5<sup>th</sup> Annual Research Day, Houston, TX. Poster Presentation.

**Hanneman, SK.** (October 8, 1999). "Porcine Ambulatory Temperature Rhythms," University of Texas Health Science Center at Houston, 5<sup>th</sup> Annual Research Day, Houston, TX. Poster Presentation.

**Hanneman, SK.** (May 6, 2000). "Ordinary Miracles: The Power of Observation," Sigma Theta Tau, Eta Phi Chapter, Houston Baptist University, Houston, TX. Induction Speaker.

**Hanneman, SK.** (May 8, 2000). National Nurses Week, "Ordinary Miracles: The Power of Observation," M.D. Anderson Cancer Center, Houston, TX. Keynote Speaker.

**Hanneman, SK.** (June 28, 2000). "Research in the Clinical Practice Setting," Nursing Leadership Council, St. Luke's Episcopal Hospital, Houston, TX. Speaker.

**Hanneman, SK.** (October 2, 2000). "Porcine Ambulatory Temperature Rhythms," The University of Texas at Houston 6<sup>th</sup> Annual Research Day, Houston, TX. Poster Presentation.

**PRESENTATIONS – Local** (cont.)

**Hanneman, SK.** (November 17, 2000). “Biorhythms During Mechanical Ventilation and Weaning,” Research Seminar, The University of Texas School of Nursing at Houston, Houston, TX. Presenter.

**Hanneman, SK.** (February 15, 2001). “Professional Development and Teaching Excellence,” Advances in Teaching/Learning Day at The University of Texas Health Science Center at Houston, Houston, TX. Panelist.

**Hanneman SK,** Ruppert Susan. (July 6, 2001). “Scholarship Ethics,” Faculty Assembly, Slice of Scholarship, The University of Texas Health Science Center at Houston School of Nursing, Houston, TX. Co-Presenter.

**Hanneman, SK.** (November 30, 2001). “Comparison of Methods of Temperature Measurement in Swine,” 7<sup>th</sup> Annual Research Day, University of Texas Health Science Center at Houston, Houston, TX. Poster Presentation.

**Hanneman, SK.** (November 1, 2002). “Porcine Intensive Care Model: Cardiopulmonary and Biochemical Responses of Growing-Finishing Swine,” 8<sup>th</sup> Annual Research Day, University of Texas Health Science Center at Houston, Houston, TX. Poster Presentation.

**Hanneman SK,** Padhye NS. (November 1, 2002). “Circadian Temperature Rhythm in Women,” 8<sup>th</sup> Annual Research Day, The University of Texas Health Science Center at Houston, Houston, TX. Poster Presentation.

**Hanneman, SK.** (September 26, 2003). “Circadian Temperature Rhythm in Women,” Research Seminar, The University of Texas School of Nursing at Houston, Houston, TX. Paper Presentation.

**Hanneman, SK.** (Spring Semester, 2003). “Research Development Workshops,” Series of seminars for faculty, doctoral students, and community nurses, Center for Nursing Research, The University of Texas School of Nursing at Houston, Houston, TX. Lead Instructor and Coordinator.

**Hanneman, SK.** (October 6, 2003). “Developing a Research Career,” 3<sup>rd</sup> International Research Association for Nursing and Health Sciences (RANHS) Research Symposium on the Elderly, Houston, TX. Speaker.

**Hanneman, SK.** (November 8, 2005). “The Current State of Nursing Research and Future Opportunities,” The Association of Clinical Research Nurses, Houston, TX. Speaker.

**Hanneman, SK.** (March 21, 2006). “UT-Houston Nursing Research: Coming of Age,” Leadership Forum, The University of Texas Health Science Center at Houston, Houston, TX. Speaker.

**Hanneman, SK.** (March 24, 2006). “Frequency of Oral Care and Positioning of Patients in Critical Care: A Replication Study,” Research Seminar, The University of Texas School of Nursing at Houston, Houston, TX. Speaker.

**Hanneman, SK.** (July 19, 2007). “Circadian Rhythms during Mechanical Ventilation,” Harris County Hospital District, Nursing Research Consortium, Houston, TX. Presenter.

Vincent MA, **Hanneman SK,** Padhye NS. (November 20, 2008). “Environmental Influences on Circadian Temperature Rhythm in Intensive Care,” Nursing Celebration 2008, Texas Nurses Association, District 9, Houston, Texas. Poster Presentation.

**PRESENTATIONS – Local** (cont.)

Vincent MA, **Hanneman SK**, Padhye NS. (November 21, 2008). “Environmental Influences on Circadian Temperature Rhythm in Intensive Care,” 2008 Research Day, “Complex Determinants in Health: Interactions of Genetic Factors and Environmental Influences,” University of Texas Health Science Center at Houston. Poster Presentation.

**Hanneman, SK.** (February 20, 2009). “Porcine Stress-Hormone Response to Critical Care,” Research Seminar, University of Texas School of Nursing at Houston, Houston, TX. Speaker.

**Hanneman, SK.** (August 5, 2009). “Preparing CVs for Promotion and Tenure”, FacE (**F**aculty **E**ducation) Summer Brown Bag session, The University of Texas School of Nursing at Houston, Houston, TX. Speaker.

**Hanneman, SK.** (November 10, 2009). “Circadian Rhythms in the Intensive Care Unit,” Hosted by the Academy of Science and Technology at the Woodlands College Park High School and the Academy for Science and Health Professions at Conroe High School, the Woodlands College Park High School, The Woodlands, TX. Distinguished Lecturer.

**Hanneman, SK.** (February 17, 2010). “Mentorship.” The Committee on the Status of Women, University of Texas Health Science Center at Houston. Speaker, Mentor Expert Panel.

**Hanneman, SK.** (April 8, 2010). “Circadian Adaptation to the ICU,” Houston City-Wide Sleep Medicine Conference, University of Texas Health Science Center at Houston School of Medicine. Speaker.

**Hanneman, SK.** (April 23, 2010). “NIH Review and Scoring Criteria,” Research Seminar, Center for Nursing Research, School of Nursing, University of Texas Health Science Center at Houston. Speaker.

Kennedy, CE, Turley, JP, **Hanneman SK.** (October 15-16, 2010). “Using waveform analysis as latent features for modeling cardiac arrest in a pediatric ICU,” 20<sup>th</sup> Anniversary Keck Center Annual Research Conference, The W. M. Keck Center for Interdisciplinary Bioscience Training, Houston. Poster Presentation.

**Hanneman SK.** (March 4, 2011). “Circadian rhythms in the ICU,” Grand Rounds, Division of Pulmonary, Critical Care and Sleep Medicine, Department of Internal Medicine, University of Texas Health Science Center at Houston Medical School. Speaker.

**Hanneman SK.** (March 30, 2011). “Circadian rhythms in a porcine adult ICU,” Continuing Education Seminar, Center for Laboratory Animal Medicine and Care, University of Texas Health Science Center. Speaker.

**Hanneman SK.** (November 17, 2011). “Navigating into a quantitative research study,” Research Boot Camp continuing education series, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX. Speaker.

**Hanneman SK.** (March 1, 2012). “Blue-blocking light and morbidity in a porcine ICU model,” Center for Nursing Research Seminar, University of Texas Health Science Center at Houston School of Nursing. Paper Presentation.

**Hanneman SK.** (April 20, 2012). “Survival and morbidity in a porcine adult ICU model of prolonged mechanical ventilation,” Research Day 2012, University of Texas Health Science Center at Houston School of Nursing. Speaker.

**PRESENTATIONS – Local** (cont.)

**Hanneman SK.** (September 6, 2012). “Circadian rhythms in a porcine adult ICU model,” Collaborative Workshop on Circadian Rhythms, University of Texas Health Science Center at Houston Medical School. Speaker.

Blog G, **Hanneman SK**, McCue D. (April 19, 2013). “Partial validation of salivary IL-6 and TNF- $\alpha$  for circadian rhythm research. Research Day 2013, University of Texas Health Science Center at Houston School of Nursing. Podium.

Ballew LL, **Hanneman SK**, Padhye NS. (April 19, 2013). “Measurement of circadian temperature rhythm with the iButton. Research Day 2013, University of Texas Health Science Center at Houston School of Nursing. Poster.

Mabry L, **Hanneman SK**, Whitehead L. (April 19, 2013). “Experimental light at night conditions.” Research Day 2013, University of Texas Health Science Center at Houston School of Nursing. Poster.

**Hanneman SK.** (August 21, 2013). “Circadian rhythms in healthy, pre-clinical, and clinical models.” Keynote Address, University of Texas Medical Branch at Galveston, Graduate School of Biomedical Sciences, Online Nursing PhD Program Residency Week. **Invited.**

Awe T, **Hanneman SK**, Padhye NS. (April 25, 2014). “Circadian rhythm of skin temperature with the iButton.” Research Day 2014, University of Texas Health Science Center at Houston School of Nursing and Sigma Theta Tau International Zeta Pi Chapter. Poster.

Willson JJ, **Hanneman SK**, Cron S. (April 25, 2014). “Reliability estimates of the Morningness-Eveningness Questionnaire, Epworth Sleepiness Scale, and Richards-Campbell Sleep Questionnaire.” Research Day 2014, University of Texas Health Science Center at Houston School of Nursing and Sigma Theta Tau International Zeta Pi Chapter. Poster.

Schultz A, **Hanneman SK**, Cron S. (April 25, 2014). “Comparison of light at night conditions on salivary biomarkers, sleepiness, and sleep quality. Research Day 2014, University of Texas Health Science Center at Houston School of Nursing and Sigma Theta Tau International Zeta Pi Chapter. Podium presentation.

**Hanneman SK**, Gusick GM, Hamlin SK, Wachtel SG, Cron S, Jones DJ, Oldham SA. (April 25, 2014). “Pilot study of a randomized controlled trial of manual versus automated lateral rotation to reduce preventable pulmonary complications in mechanically ventilated ICU patients. Research Day 2014, University of Texas Health Science Center at Houston School of Nursing and Sigma Theta Tau International Zeta Pi Chapter. Podium presentation.

**Hanneman SK** (June 24, 2014). “Ms. Manners on dissemination etiquette.” Continuing Education Program (Invited speaker). St. Luke’s Health – TMC, Houston, TX. Podium presentation.

**Hanneman SK**, McCue D, & Blog GL. (March 20, 2015). “Partial validation of salivary IL-6 and TNF- $\alpha$  by enzyme immunoassay. UTHHealth School of Nursing Research Day, Houston, TX, March 20, 2015, Podium.

**Hanneman SK.** (March 1, 2016). Psychometric interpretation and improvement of multiple-choice exams. Faculty Development Series on Exam Psychometrics. University of Texas Health Science Center at Houston School of Nursing. **Invited.**

**PRESENTATIONS – Local** (cont.)

**Hanneman SK**, Padhye, N. S., Whitehead, L. (April 8, 2016). Effect of light at night on salivary melatonin levels and circadian rhythm. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2016, Podium.

Algamdi MM, **Hanneman SK**. (April 8, 2016). Development and reliability estimate of Arabic version of the Cancer Behavior Inventory-Brief. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2016, Podium.

Robertson L, **Hanneman SK**, Padhye N, Gilder T. (April 8, 2016). Interrater reliability estimates for scoring the Richards-Campbell Sleep Questionnaire. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2016, Poster.

Vakil S, **Hanneman SK**, Kamat S. (June 9, 2017). Performance comparison of two commercially available interleukin-6 immunoassays. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2017, Poster.

De Castro A, **Hanneman SK**, Cron S. (June 9, 2017). Gender differences in skin temperature of the healthy adult. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2017, Poster.

Bradshaw GR, **Hanneman SK**, Kamat S. (June 9, 2017). Development of salivary myeloperoxidase protocol for light at night study. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2017, Poster.

**Hanneman SK**, Kamat S, Padhye NS, Whitehead L. (June 9, 2017). Effect of light at night on salivary interleukin (IL)-6 levels. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth School of Nursing Research Day 2017, Podium.

**Hanneman SK**. Pathophysiology (June 27, 2017). Summer Health Professions Education Program, UTHealth, Podium.

**Hanneman SK**, Kamat SR, Hui D. (April 6, 2018) Inflammatory biomarker response to haloperidol and lorazepam in palliative care patients with agitated delirium: A preliminary study. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth Cizik School of Nursing Research Day 2018 (Podium presentation)

Paez E, **Hanneman SK**. (April 6, 2018). Reliability estimates for the Richards-Campbell Sleep Questionnaire and Epworth Sleepiness Scale. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth Cizik School of Nursing Research Day 2018 (Poster presentation)

Pham N, **Hanneman SK**. (April 6, 2018). Ambient variables in a controlled environment laboratory under experimental light-at-night conditions. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth Cizik School of Nursing Research Day 2018 (Poster presentation)

Drake J, **Hanneman SK**. (April 6, 2018). Critical Care Nurses' Knowledge of Selected Dysrhythmias and Use of Atrial Electrograms in Adult Postoperative Cardiac Surgery Patients. Sigma Theta Tau, Zeta Pi Chapter, and UTHealth Cizik School of Nursing Research Day 2018 (Poster presentation)

**PRESENTATIONS – Local** (cont.)

Paez E, **Hanneman SK**. (April 18, 2018). Reliability estimates for the Richards-Campbell Sleep Questionnaire and Epworth Sleepiness Scale. 6<sup>th</sup> Annual Neuro ICU Symposium, UTHealth McGovern Medical School and Memorial Hermann Hospital Mischer Neuroscience Institute, Poster.

Panel Member. (April 19, 2018). Focus on Fellows Forum. UTHealth Cizik School of Nursing.

**Hanneman SK**. (June 1, 2018). Responding to manuscript reviews. Slice of Scholarship, Faculty Assembly, Cizik School of Nursing.

**Hanneman SK**. Pathophysiology (June 26, 2018). Summer Health Professions Education Program, UTHealth, Podium.

**Hanneman SK**. Afternoon Moderator, 8th Annual Research/Evidence-Based Practice Day (October 18, 2019), UTHealth Cizik School of Nursing and Sigma Theta Tau, Zeta Pi chapter.

**Hanneman SK**. (February 26, 2021). Around-the-clock data collection: Challenges, lessons, and recommendations. Back to Science Symposium, Houston Methodist, Speaker (Invited).

Davidson J JE., Doran, N., Petty, A., Arellano, D., Henneman, E., **Hanneman, SK**., Schell-Chaple, H., Glann, J., Smith, L., Derry, K., McNicholl, M., Slazinski, T., Ahrens, T., McLean, B., Chechel, L., & Rincon, T. (June 25, 2021). A national survey exposes unintended consequences when applying The Joint Commission titration standards into practice. Nursing Research and Evidence-based Practice Conference, 14<sup>th</sup> Annual Nursing Inquiry and Innovation Conference, University of California, San Diego, podium and poster.

**Hanneman SK**. Panel Member. (September 27, 2021). Professionalism. BSN Student Government Organization, Cizik School of Nursing, Houston, Texas.

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## **PROFESSIONAL SERVICE**

### **Consultations**

Texas Woman's University College of Nursing, Houston, TX, Research Consultant , 1989 – 1990

St. Luke's Episcopal Hospital Division of Nursing, Houston, TX, Critical Care Consultant, 1990 – 1991, 1993 – 1996

Hermann Hospital Division of Nursing, Houston, TX, Research Consultant , 1991 – 1996

Texas Woman's University, Denton, TX, Research Consultant, EARDA II (Grant #1 G11 HD32693-04, Extramural Associates Research Development Award, National Institute of Child Health and Human Development, NIH, Sondra Ferstl, PhD , PI), 1997 – 2000

Office of Research Integrity, U.S. Public Health Service, Research Consultant, 1999 – 2000

Respiratory Compromise Invitational Workshop, National Association for Medical Direction of Respiratory Care, Orlando, Florida, February 26 and 27, 2015.

Development of survey on respiratory compromise, Physician-Patient Alliance for Health & Safety, Chicago, IL, 2015 – 2016.

Pilot Study on the Impact of Unit Design and Shift Assignment on Stress in NICU Nurses, Neonatal Intensive Care Unit, Texas Children's Hospital, Houston, TX, 2016 - present

### **Editorial Boards/Panels**

*FOCUS On Critical Care*, Editor, Research Review, 1985 – 1987

*Med-Surg Nursing Quarterly*, Editorial Advisory Board, 1992 – 1993

*Ultrastat! Psychosocial Aspects of Critical Care*, Editorial Board, 1992 – 1994

*American Journal of Critical Care*, Editorial Board, 1998 – 2019

*Journal of Cardiovascular Nursing*, Issue Editor, Cardiovascular Disease in Vulnerable Populations, 11(4): 97 pp., 1997

*Research-based Clinical Protocol Series*, Innovision Producers, "Weaning from Short-term Mechanical Ventilation, Expert Contributor, 1998

*Health Week*, Nurse Week Publishing, Executive Advisory Board, 1998 – 2001

**Editorial Boards/Panels** (cont.)

*Biological Research for Nursing*, Issue Co-editor, Circadian and Thermoregulatory Responses, 2(4): 75 pp., 2001; Editorial Board, 2005 – 2011, 2013 - 2018; Issue Editor, *Chronobiology in Health Care*, Vol.9, NO.1, 2007

*Critical Care Nursing Quarterly*, Issue Editor, *Critical Care Research: Part 1*, 24(4):83 pp., 2002; Issue Editor, *Critical Care Research: Part 2*, 25(2):74 pp., 2002

**Manuscript Reviewer**

*Heart & Lung*, 1988 – present

*American Journal of Critical Care*, 1993 – present

*AACN Clinical Issues: Advanced Practice in Acute and Critical Care*, 1995 – 2004

*Nursing Research*, 1998 – present

*Journal of Critical Care*, 1998 – 2000, 2017 – present

*Proceedings of the Mayo Clinic*, 2000

*Biological Research for Nursing*, 2005 – present

*Contemporary Topics in Laboratory Animal Science*, 2004 – 2006

*Laboratory Animals*, 2004 – 2012

*Critical Care Medicine*, 2006 – present

*The Internet Journal of Advanced Nursing Practice*, 2009

*American Nurse Today/American Nurse*, Research series, 2011 – present

*Journal of Nursing Measurement*, 2015 - present

*Respiratory Care*, 2016 – present

*Current Psychology*, 2020 – present

*Psychoneuroendocrinology*, 2020 – present

*Chronobiology International*, 2021

**PROFESSIONAL SERVICE – Professional Organizations**

American Academy of Nursing	1990 – present
Acute and Critical Care Expert Panel	2004 – present
Member, Collaborative Expert Panel Policy Task Force on Benzodiazepines and antipsychotics in the elderly	2019 – 2020
Member, Abstract Review Panel, 2020 Transforming Health, Driving Policy Conference	2020
American Nurses' Association	
Committee for New York State Clinical Nurse Specialist Group	1972 – 1973
Technical Expert Panel Member, Respiratory Therapy Study, Centers for Medicare and Medicaid (CMS), Baltimore, MD	2001 – 2002



**Professional Organizations** (cont.)

American Association of Critical-Care Nurses (AACN)	1974 – present
San Francisco Chapter (AACN)	
Chairperson, Scholarship Committee	1974
Chairperson, Symposium Committee	1976
Houston-Gulf Coast Chapter (AACN)	
Research Committee, Chairperson	1985 – 1986
Consultant	1987 – 1991
National Research Committee	1985 – 1987
National Certification Corporation Board of Directors	1987 – 1990
National Board of Directors	1987 – 1990
Membership Committee	1987 – 1988
Nominating Committee	1987 – 1988
Neonatal and Pediatric Special Interest Group	1987 – 1988
Invitational Conference Task Force	1987 – 1989
Outcome Standards Task Force	1988 – 1990
Education Leadership Group	1989 – 1990
National Study Group on Weaning from Mechanical Ventilation	1993 – 1999
Distinguished Research Lecturer Selection Committee	2009 – present
Liaison to Respiratory Compromise Institute, National Association of Medical Direction for Respiratory Care	2015
American Thoracic Society	1976 – 1988
California Thoracic Society (ATC)	
Committee for Pulmonary Clinical Nurse Specialists	1976 – 1979
National Section on Nursing	1985 – 1988
Program Committee, Section on Nursing	1986 – 1987
Program Committee, Section on Critical Care	1986 – 1987
National League for Nursing	
Executive Forum	1987 – 1989
Council for the Society for Research In Nursing Education	1989 – 1990
Sigma Theta Tau International Honor Society of Nursing	
Beta Beta Chapter, Houston	
Program Committee	1988 – 1989
Research Committee	1992 – 1995
Chair, Bylaws Committee	1993 – 1995
President-Elect	1993 – 1995
President	1995 – 1997

**PROFESSIONAL SERVICE – Professional Organizations** (cont.)

Zeta Pi Chapter, Houston	
Chairperson, Research Committee	1997 – 2000
Research Committee	2005
Respiratory Nursing Society	
Charter member	1992
Chairperson, Scientific Review Committee	1993
Ad hoc spokesperson	1994 – 1996
Society of Critical Care Medicine (SCCM)	
Norma J. Shoemaker Nursing Research Grant Committee	1994 – 2002
Chairperson	1999 – 2001
National SCCM Research Committee	1999 – 2000
Mentor for Scholarship	2015 – present
Nursing Research and Scholarship Committee	2017 – present
Travel Grant Task Force	2018 – present
Interdisciplinary Task Force on Development of Airway and Mechanical Ventilation course and textbook for license internationally	2019 – 2020
Sigma Xi Scientific Society	
Rice-TMC Chapter Board of Directors	1998 – 1999
Clinical & Translational Science Award (CTSA) Nurse Scientist Special Interest Group, National Institute of Nursing Research, National Institutes of Health	2010 – 2021
American Association of Medical Chronobiology and Chronotherapy (AAMCC)	2010 – 2015
Board of Directors	2010 – 2015
Texas Society for Circadian Biology and Medicine (SECTS CLOCKS), invited	2012 – present

**PROFESSIONAL SERVICE – Review Panels/Study Sections****Abstract Review Panels**

Society of Critical Care Medicine Critical Care Congress	1984 – 2000
	2007 – 2010
	2017
American Association of Critical Care Nurses	1985 – 1987
American Thoracic Society	1986 – 1987
Consensus Conference, "Fostering Humanism in Critical Care,"	
Society of Critical Care Medicine	1990
Respiratory Nursing Society	1991 – 1996

**PROFESSIONAL SERVICE – Review Panels/Study Sections** (cont.)**Abstract Review Panels** (cont.)

Texas Medical Center Council of Nurse Researchers	1993 – 1994
Chairperson, Abstract Selection Committee	1993 – 1994
Council for the Advancement of Nursing Science, 2010 State of the Science Congress on Nursing Research	2010
American Academy of Nursing Abstract Review Panel, 2020 Transforming Health, Driving Policy Conference	2020

**Grant Review Panels**

AACN-Sigma Theta Tau Critical Care Grant Special Study Section (ZRG5 SSS-F-S3) Division of Research Grants Special Emphasis Panel, NIH	1993 – 1999 1997
Special Study Section (ZRG1 REN (01) Center for Scientific Review Special Emphasis Panel National Institutes of Health	1999
Society of Critical Care Medicine Norma J. Shoemaker Nursing Research Grant Chair of Review Panel Nursing Research Abstract, Travel Grant	1994 – 2002 1999 – 2001 2017 - present
The John Sealy Foundation, Galveston, Texas	2000 – 2003
Nursing Research Grants (NRG) Research Review Committee American Nurses Foundation	2000 – 2003
Texas Medical Center Howell Foundation Nursing Research Grant Review Panel	2003 – 2009

**PROFESSIONAL SERVICE – Institutional Service****Texas Woman's University**

Research and Grants Committee	Member	1990 – 1995
Research and Grants Committee	Chairperson	1992 – 1995
Faculty Search Committee	Member	1991 – 1991
Doctoral Admissions Committee	Member	1991 – 1992
Human Subjects Review Committee	Member	1991 – 1995
Proposal Peer Review Committee	Member	1991 – 1996
Assistant Dean Search Committee	Member	1992 – 1992
Institutional Animal Care and Use Committee	Member	1992 – 1996
Task Force to Develop Guidelines for Collaborative Theses and Dissertations	Chair	1993 – 1993

**PROFESSIONAL SERVICE – Institutional Service** (cont.)

Graduate Academic Standards	Member	1993 – 1994
Task Force for the Center for Health Promotion and Disease Prevention with Vulnerable Populations	Co-Chair	1993 – 1995
Research Support Committee (Denton campus)	Member	1994 – 1995

**The University of Texas Health Science Center at Houston**

Committee for the Protection of Human Subjects		
Member		1986 – 1987 2001 – 2006
Chair, IRB #1		2003 – 2006
PhD Council, School of Nursing, Member		1996 – present
Doctoral Curriculum Evaluation Committee	Member	1997 – 1998
Dissertation Policy and Manual Task Force	Chair	1998 – 1999
BSN-PhD Pathway Committee	Member	2012
PhD Student Scholarship Policy Task Force	Chair	2017 – 2019
Admissions Committee	Member	2019 – 2020
Candidacy Exam Policy Committee	Member	2020 – 2021
School of Nursing Administrative Council	Member	1996 – 2010
Animal Welfare Committee	Member	1996 – 2001
	Member	2008 – 2011
Research Council	Member	1996 – 2001
	Member	2003 – 2010
Strategic Planning Committee	Member	1996 – 2001
Electronic Peer Review Panel	Member	1996 – 1997
Research Day Planning Committee	Member	1996 – 2003
Advisory Committee, Academic Leaders Retreat	Member	1997
Steering Committee, Academic Leadership Development Program	Member	1997 – 2000
Search Committee for Assistant Dean and Chair, Department of Nursing for Target Populations, School of Nursing	Chair	1997
Jamail Distinguished Nursing Professorships Search Committee, School of Nursing	Member	1997 – 2008
Search Committee for the Theodore J. and Mary E. Trumble Professorship in Aging Research, School of Nursing	Member	1998 – 1999
Steering Committee for the Nursing and Biomedical Science Building	Member	1998 – 2003
Ad hoc Task Force on Administrative Cost Reduction	Member	1998 – 1999

**PROFESSIONAL SERVICE – Institutional Service** (cont.)

Ad hoc Task Force to Streamline Pre-award Grant Process	Member	1998 – 1999
Dental Branch Research Advancement Council	Member	1999 – 2001
Research Faculty Recruitment Committee	Member	1999 – 2001
Graduate Council, School of Nursing	Member	1999 – 2001
Organizational Structure Task Force, Southern Association of Colleges and Schools Self-Study Team	Member	1999 – 2000
Capital Campaign Committee	Member	2000 – 2001
CCNE Accreditation Steering Committee School of Nursing	Member	2000 – 2001
CCNE Standards IV Task Force, School of Nursing	Chair	2000 – 2001
C. Frank Webber Competition for Student Research Medical School	Judge	2001
Executive Committee, Center for Computational Biomedicine, School of Health Information Sciences	Member	2001 – 2004
Strategic Planning Task Force, Research Group Leadership Forum	Member	2001 – 2002
Faculty and Administrative & Professional Staff Conflict of Interest and Financial Disclosure Policy Task Force	Member	2003 – 2008
Faculty Life Council, School of Nursing	Member	2004 – 2005
		2004 – 2006,
		2012 – 2014
		2015 – 2017
		2018 – 2020
		2021 – 2023
Baccalaureate Degree Council Testing Guidelines Task Force		2012 – present
Faculty Assembly, School of Nursing Chair-Elect		2022
Chair		2016 – 2017
Appointment, Promotion, Tenure, and Review Committee, School of Nursing	Member	2017 – 2018
		2004 – 2006,
		2012 – 2014
		2015 – 2020
	Chair	2013 – 2014
		2016 – 2017
		2020 – 2021
		2021 – 2022

**PROFESSIONAL SERVICE – Institutional Service** (cont.)

School of Nursing Research Advisory Council and Intramural Grant Review Panel	Chair Member	2008 – 2010 2011 – present
School of Nursing, Institutional/Anatomical/Oversight Review Committee	Program Director	2005 – 2010
Clinical and Translational Science Award (CTSA) Steering Committee	Member	2005 – 2006
Working Group, Domain I: Organization, Association for the Accreditation of Human Research Protections Programs, Inc. (AAHRPP)	Member	2005 – 2006
School of Nursing Dean's Review Committee	Member	2006
Dean's Executive Council, School of Nursing	Member	2006 – 2010
Center for Clinical and Translational Sciences Engine of Innovation	Member	2006 – 2014
Center for Clinical and Translational Sciences Training Board	Member	2006 – 2014
T32 Review Committee	Member	2006 – 2009
KL2 Review Committee	Member	2006 – 2014
Human Subject Research Quality Improvement Committee	Member	2006 – 2010
Scientific Pre-Review, Institutional Review Board	Member	2006 – 2009
Abstract Review Panel, Research Day	Member	2007 – 2009
Student Clinical/Translational Poster Awards, 2007 Research Day, "New Pathways to Discovery – Leaders in Innovation"	Judge	2007
Pre-doctoral Student Abstracts, 2008 Research Day, "Complex Determinants in Health: Interactions of Genetic Factors and Environmental Influences"	Judge	2008
Institutional Effectiveness Committee	Member	2009
Dean's 25 <sup>th</sup> Anniversary Celebration Committee	Member	2009
Research Space Committee	Member	2009 – 2010
Pre-doctoral Student Abstracts, 2009 Research Day, "Engines of Discovery"	Judge	2009
Pre-doctoral Student Posters, 2015 Research Day, School of Nursing, N7506, Advanced Statistics for Clinical Research Part II	Judge	2015
Research Misconduct Inquiry Panel, Office of the Provost	Chair	2010
Research Misconduct Investigation Panel, Office of The Provost	Chair	2010

**PROFESSIONAL SERVICE – Institutional Service** (cont.)

Tribunal Reserve Panel, Office of the Executive Vice President for Academic and Research Affairs	Member	2014 – 2016
University Appointment, Promotion, and Tenure Committee, Office for Academic and Research Affairs	Member	2013 – 2014 2016 – 2017 2020 – 2021 2021 – 2022
Researcher Recruitment Task Force Office of the Dean, School of Nursing	Member	2016
Tenured Faculty Advisory Council Office of the Dean, School of Nursing	Member	2015 - 2017

**Community Service**

American Lung Association Adult Lung Health	Member	1984 – 1986
Foundation for Critical Care	Founder	1986
	Board of Directors	1988 – 1992
Bylaws Committee	Chair	1989 – 1991
National Critical Care Awareness Week Management Committee	Chair	1989 – 1992
Nominating Committee	Member	1990 – 1991
Executive Committee	Member	1990 – 1991
	President	1990 – 1992
	Past President	1991 – 1992
Humana Hospital Clear Lake Center for Pulmonary Excellence Advisory Board	Nursing Advisor	1991 – 1994
The University of Texas Medical Branch Critical Care Training, School of Nursing	Advisory Board	1991 – 1993
Houston Healthcare Network	Steering Committee	1994 – 1995

**Community Service** (cont.)

St. Stephen's Episcopal Middle School	Science Mentor	1993
Texas Medical Center		
Committee of Nurse Researchers	Member	1993 – 1996
Scientific Sessions Committee	Chairperson	1993 – 1994
The Howell Nursing Research Grants Program	Review Panel	2003 – 2008
IRB Collaboration Subcommittee	Member	2004
Veterans Affairs Search Committee for Nurse Researchers	Member	2002
Physician-Patient Alliance for Health & Safety	Advisory Board	2015 – present

**Courses Taught: Texas Woman's University College of Nursing**

Instructor, N5413, Primary Prevention in Medical-Surgical Nursing, Master's Program, 3 credit hours, Fall semester, 1990 (didactic and clinical)

Instructor, N6903, Independent Study on Grant Writing, Doctoral Program, Fall semester, 1990 (didactic)

Instructor, N5433, Secondary and Tertiary Prevention in Medical-Surgical Nursing, Master's Program, 3 credit hours, Spring semester, 1991 (didactic and clinical)

Instructor, N5903, Independent Study on Advanced Medical-Surgical Nursing Practice, Master's Program, 3 credit hours, Spring semester, 1991 (didactic and clinical)

Instructor, N6903, Independent Study on Integration of Theory, Research, and Practice, Doctoral Program, Spring semester, 1991 (didactic)

Instructor, N5023, Nursing Research, Master's Program, 3 credit hours, Fall, Spring, Summer semesters, 1991, 1992 (didactic)

Instructor, N6553, Formulation of Hypotheses in Nursing, Doctoral Program, 3 credit hours, Summer semester, 1991, 1992, 1993, 1994, 1995, 1996 (didactic)

Instructor, N6973, Dissertation Seminar, Doctoral Program, 3 credit hours, Fall semester, 1991 (didactic)



**Courses Taught: Texas Woman's University College of Nursing** (cont.)

Instructor, N6913, Independent Study on Concept Linkages in Research, Doctoral Program, 3 credit hours, Fall semester, 1992 (didactic)

Instructor, N6413, Foundations of Nursing Research, Doctoral Program, 3 credit hours, Spring semester, 1992, 1993, 1994, 1995, 1996 (didactic)

Instructor, N6563, Clinical Research Practicum, Doctoral Program, 3 credit hours, Fall semester, 1992, 1993, 1994, 1995 (didactic)

Guest Lecturer, N4106 (BSN synthesis course), N5023 (MSN research), and N6973 (PhD dissertation seminar), Fall semester, 1994 (didactic)

Instructor, N6913, Individual Study ("Phenomenological Research Methods"), Renae Schumann, Doctoral Program, 3 credit hours, Fall semester, 1994 (didactic)

Instructor, N6913, Individual Study ("The Experience of Being Mechanically Ventilated"), Renae Schumann, Doctoral Program, 3 credit hours, Spring semester, 1994 (didactic)

Instructor, N6913 Independent Study ("Mechanical and Kinetic Environmental Analysis"), Annabelle Borromeo, Doctoral Program, 3 credit hours, Summer semester, 1994 (didactic)

Instructor, N6913 Independent Study ("Psychometric Properties of the Weaning Self-Efficacy Scale"), Kathryn Spiegel, Doctoral Program, 3 credit hours, Summer semester, 1994 (didactic)

Instructor, N6913 Independent Study ("A Descriptive Pilot Study in the Experience of Suffering"), Leta Truett, Doctoral Program, 3 credit hours, Fall and Spring semesters, 1995 (didactic)

Guest Lecturer, "High Tech-High Touch: Issues and Ethics," N4333, Baccalaureate Program, Fall semester, 1995 (didactic)

Guest Lecturer, "Research in Nursing," Master's Program, Women's Health Care Nurse Practitioner Program, Fall semester, 1995 (didactic)

Co-Instructor, N6913, Application of Theory to Nursing Research, Doctoral Program, 3 credit hours, Spring semester, 1995 (didactic)

Instructor, N6913, Independent Study ("Training Grant for Congregational Advanced Nurse Practitioners"), Renae Schumann, Doctoral Program, 3 credit hours, Spring semester, 1995 (didactic)

Instructor, N6913 Independent Study ("Instrument Development: Theory and Application"), Heather Kopecky, Doctoral Program, 3 credit hours, Summer semester, 1995 (didactic)

**Courses Taught: Texas Woman's University College of Nursing (cont.)**

Instructor, N6913 Independent Study ("Measurement of Tissue Oxygenation"), Jill Jesurum, Doctoral Program, 3 credit hours, Fall semester, 1996 (didactic)

Instructor, N6913 Independent Study ("Evaluation of an Instrument to Measure King's Elements of Transaction"), Mary L. Brown, Doctoral Program, 3 credit hours, Summer semester, 1996 (didactic)

Instructor, N6913, Independent Study ("Grant writing: Effects of Morphine on Tissue Oxygenation Following Lateral Rotation"), Jill Jesurum, Doctoral Program, 3 credit hours, Spring semester, 1996 (didactic)

Research Preceptor, N4106, Rebecca Mukadam, Fall semester, 1997 (clinical)

Guest Lecturer, Doctoral Program, "Mining large data sets to enhance nursing science," Summer semester, 2000 (didactic)

Instructor, N7700, Independent Study, "Grant-writing," Dorothy Kite-Powell, PhD student, 3 credit hours, Spring semester, 2004 (didactic)

**Courses Taught: University of Texas Health Science Center, Cizik School of Nursing**

Instructor, N7700, Independent Study, "Writing for Publication: A Model of Chronic Dyspnea," Cynthia McCarley, Doctoral Program, 3 credit hours, Fall semester, 1996 (didactic)

Guest Lecturer, Acute Care Nurse Practitioner Program, "Weaning from Mechanical Ventilation," Summer semester, 1997, 1998, 1999, 2000 (didactic)

Instructor, N7700, Independent Study ("Grant Writing"), Cynthia McCarley, Doctoral Program, 3 credit hours, Summer semester, 1998 (didactic)

Co-instructor, N7541/N7541D, Application of Measurement Theory to Biomedical and Health Science Research (formerly Design of Measurements for Intervention Studies), PhD Program, 3 credit hours, Fall semester, 1997, 1998, 1999, 2000; Lead instructor, 2001, 2002, 2003, 2004, 2005, 2009, 2010, 2011, Summer semester, 2011, 2017, 2021; Sole instructor, 2006 – 2008, 2012 – 2016, 2018 – 2020 (Internet video to various distance sites, 2002 – present; online 2020) (didactic)

Guest Lecturer, N7551, Multidisciplinary Practice, "Collaborative Multidisciplinary Research Teams," PhD Program, Fall semester, 1999, 2000, 2001, 2002 (didactic)

Guest Lecturer, N7552, Innovations in Practice, "Developing a Program of Research," PhD Program, Spring semester, 1999, 2000, 2001, 2002, 2003 (didactic)

**Courses Taught: University of Texas Health Science Center at Houston, School of Nursing** (cont.)

Instructor, N4499, Independent Study, "Mechanical Ventilation and Weaning," Edna E. Marruffo, BSN Program, 2 credit hours, Summer semester, 2000 (didactic and clinical)

Instructor, N4499, Independent Study, "Hemodynamic Monitoring during Mechanical Ventilation and Weaning," Lisa M. Palacios, BSN Program, 2 credit hours, Summer semester, 2000 (didactic and clinical)

Instructor, N7600, Dissertation, "Temporal Patterns of Dyspnea, Fatigue, and Pulmonary Expiratory Flow Rate in Patients with COPD," Cynthia A. McCarley, 3 – 6 credit hours, Spring, Summer, and Fall semesters, 2000, 2001, 2002, 2003 (didactic)

Instructor, N7700, Independent Study: "Writing for Professional Publication," Bonita Strout, PhD Program, 3 credit hours, Summer semester, 2001 (didactic)

Instructor N5522, Independent Study: Prospectus for Thesis, Gregory Poulin, 2 credit hours, Fall semester, 2002 (didactic)

Instructor N5500, Thesis, "Comparison of Continuous and Intermittent Arterial Blood Gas Monitoring in Swine," Gregory Poulin, 2 credit hours, Summer semester, 2001, Fall and Spring semesters, 2002 (didactic)

Guest Lecturer, N4512, Research Critique and Utilization, "Principles of Measurement," BSN Program, 2 credit hours, Fall semester, 2003 (didactic)

Instructor, N4499, Independent Study, "Activity Monitoring in Ambulatory Women," Gabriella Torrence, BSN Honors Program, 1 credit hour, Spring and Summer semesters, 2003; Fall and Spring semesters, 2004 (didactic)

Instructor, N7700, Independent Study, "Sepsis Research Synthesis," Shannan Hamlin, PhD student, 3 credit hours, Spring semester, 2004 (didactic)

Guest Lecturer, N6753, Clinical Research Study Coordination Preceptorship, Clinical Research Management track, MSN Program, "Research Funding Issues," Spring semester, 2004, 2005 (didactic)

Instructor, N4499, Independent Study, "Ambient Characteristics of Laboratory and Home Settings," Jennifer Leland, BSN Honors Program, 1 credit hour, Summer semester, 2004; Fall and Spring semesters, 2005 (didactic)

Instructor, N7700, Independent Study, "Grant-Writing," Shannan Hamlin, PhD Program, 4 credit hrs, Fall semester, 2005 (didactic)

**Courses Taught: University of Texas Health Science Center at Houston, School of Nursing** (cont.)

Instructor, N7700, Independent Study, "Scientific Writing," SherylN Gilman, PhD Program, 3 credit hrs, Fall semester, 2005 (didactic)

Instructor, 7600, Dissertation, Shannan K. Hamlin, PhD Program, 3 – 6 credit hours, Spring, Summer and Fall semesters, 2005 – Spring, 2010 (didactic)

Course Coordinator, N7506, Advanced Statistics for Clinical Research II, PhD Program, 4 credit hours, Summer semester, 2005 (didactic)

Instructor, N7700, Independent Study, "Pulmonary Anatomy and Physiology," SherylN Gilman, PhD Program, 3 credit hours, Summer semester, 2005 (didactic)

Instructor, N4499, Independent Study, "Serum and Salivary Measurements of Cortisol and Melatonin," Kortney Green, BSN Honors Program, 1 credit hour, Fall semester, 2005, Spring semester, 2006 (didactic)

Instructor, N7700, Independent Study, "Scientific Writing," Mary Anne Vincent, PhD Program, 3 credit hours, Fall semester, 2005 (didactic)

Instructor, N7700, Independent Study, "Proposal Development," SherylN Gilman, PhD Program, 1 credit hour, Spring semester, 2006 (didactic)

Instructor, N7700, Independent Study, "Grant Writing," Mary Anne Vincent, PhD Program, 3 credit hours, Summer semester, 2006 (didactic)

Instructor, N4499, Independent Study, "Research for Critical Care Nursing Practice," Dan Covan, BSN Honors Program, UT School of Nursing at Houston, 1 credit hour, Fall semester, 2006 (didactic)

Instructor, N7700, "Proposal Development," Mary Anne Vincent, PhD Program, 1 credit hour, Spring semester, 2007 (didactic)

Instructor, N7700, Independent Study, "Reliable Time-series Data Acquisition," SherylN Gilman, PhD Program, 3 credit hours, Spring semester, 2007 (didactic)

Instructor, N7700, Independent Study, "Scientific Writing," Katrina Leyden, PhD Program, 3 credit hours, Fall semester, 2007 (didactic)

Instructor, N7700, Independent Study, "Scientific Writing," Kristina Leyden, PhD Program, 3 credit hours, Fall semester, 2007 (didactic)

**Courses Taught: University of Texas Health Science Center at Houston, School of Nursing** (cont.)

Instructor, N7700, Independent Study, "Circadian Rhythms of Ambient Light," Michelle Merriweather, BSN Honors Program student, 1 credit hour, Fall semester, 2007 and Spring semester, 2008

Instructor, N7700, Independent Study, "Critique of the Literature," Sheryl In Gilman Wachtel, PhD Program, 1 credit hour, Fall semester, 2007 (didactic)

Instructor, N7700, Independent Study, "Pilot Research," Mary Anne Vincent, PhD Program, 5 credit hours, Fall semester, 2008 (didactic)

Instructor, 7600, Dissertation, Sheryl In Gilman Wachtel, PhD Program, 5 credit hours, Fall semester, 2008 – 2014 (didactic)

Instructor, N4499, Independent Study, "Optimal Lighting for a Pre-clinical Critical Care Laboratory (PCCL)," Brenda Merkelz, BSN Honors Program student, 1 credit hour, Fall semester, 2008 and Spring semester, 2009 (didactic)

Instructor, N7600, Dissertation, Mary Anne Vincent, PhD Program, 3 – 9 credit hours, Spring semester, 2009 – Spring semester, 2011 (didactic)

Instructor, N7700, Independent Study, "Instrument Development," Geline Tamayo, PhD Program, 3 credit hours, Spring semester, 2009 (didactic)

Instructor, N7700, Independent Study, "Proposal Development," Katrina Leyden, PhD Program, 1 credit hour, Spring semester, 2009 (didactic)

Instructor, N7700, Independent Study, "Proposal Development," Kristina Leyden, PhD Program, 1 credit hour, Spring semester, 2009 (didactic)

Instructor, N7700, Independent Study, "Scientific Writing: Validity of the Modified RASS for Use in Sedated, Mechanically Ventilated Swine," Katrina Leyden, PhD Program, 3 credit hours, Spring semester, 2010 (didactic)

Instructor, N7700, Independent Study, "Scientific Writing: Actigraphy in Patients with COPD," Kristina Leyden, PhD Program, 3 credit hours, Spring semester, 2010 (didactic)

Instructor, N7700, Independent Study, "Advances in Chronobiology," Kristina Leyden, PhD Program, 2 credit hours, Summer semester, 2010 (didactic)

Instructor, N7700, Independent Study, "Advances in Chronobiology," Katrina Leyden, PhD Program, 1 credit hours, Summer semester, 2010 (didactic)

**Courses Taught: University of Texas Health Science Center at Houston, School of Nursing** (cont.)

Instructor, N4499, Independent Study, "Research-based Clinical Care Protocol Development and Testing for the PCCL," Abigail Brown, BSN Honors Program student, 1 credit hour, Summer and Fall semesters, 2010 (didactic)

Instructor, N4499, Independent Study, "Effect of lateral rotation on blood pressure, heart rate, oxygen saturation, and respiratory/ventilator parameters in a porcine ICU," Elaine Chow, BSN Honors Program student, 1 credit hour, Fall semester, 2010 (didactic)

Instructor, N4499, Independent Study, "Reliability testing of the Modified Richmond Agitation Sedation Scale in sedated, mechanically ventilated swine," Kimberly Hunter, BSN Honors Program student, 1 credit hour, Fall semester, 2010 and Spring semester, 2011 (didactic)

Instructor, N7700, Independent Study, "Scholarly writing and logic," Kristina Leyden, PhD Program, 3 credit hours, Fall semester, 2010 (didactic)

Instructor, N7700, Independent Study, "Research II: Measurement," Dania Ochoa, PhD Program, 3 credit hours, Fall semester, 2010 (didactic)

Instructor, N7600, Dissertation, Katrina N. Leyden, PhD Program, 3-6 credit hours, Summer, Fall and Spring Semesters, 2010 - 2013 (didactic)

Instructor, N7600, Dissertation, Kristina L. Leyden, PhD Program, 3 credit hours, Summer, Fall, and Spring semesters 2011 – 2015 (didactic)

Co-instructor, N6105, Evaluation and Application of Research in Advanced Nursing Practice, MSN Program, 3 credit hours, Fall semester, 2011 (didactic)

Instructor, N7700, Independent Study, "Dissertation Proposal Development," Yupha Wongrostrai, PhD student at Chiang Mai University in Thailand, 3 credit hours, Fall and Spring semesters, 2011 – 2012 (didactic)

Instructor, N4499, Independent Study, "Coding Adverse Events," Prashant Bhagat, BSN Honors Program student, 1 credit hour, Fall and Spring semesters, 2011

Guest lectures, DNP Advanced Seminar I, DNP program: Authorship, Grant Writing, and Critiquing Reports, Fall and Spring semesters, 2011 – present

Course Coordinator N3517 and N3517W (online 2012 - 2016) and Lead Instructor, N3517, Pathophysiology, BSN Program, 3 credit hours, Spring, Summer, and Fall semesters, 2012 - present (didactic)

**Courses Taught: University of Texas Health Science Center at Houston, School of Nursing** (cont.)

Lead instructor, N6805, Emerging Science for Clinical Practice, DNP Program, 3 credit hours, Spring semester 2012 (didactic)

Instructor, N4499, Independent Study, "Implications of Light Wavelength in the ICU," Megan Oggero, BSN Honors Program student, 1 credit hour, Spring and Summer semesters, 2012

Instructor, N4499, Independent Study, "Measurement of circadian temperature rhythm with the iButton," Laura Svensson Ballew, BSN Honors Program student, 1 credit hour, Fall 2012 and 2 credit hours, Spring 2013 semesters

Instructor, N4499, Independent Study, "Partial validation of salivary IL-6 and TNF- $\alpha$  for circadian rhythm research," Gabriel Blog, BSN Honors Program student, 1 credit hour, Fall 2012 and 2 credit hours, Spring 2013 semesters; University of Texas Health Science Center at Houston Interfaculty Council Thomas F. Burks Scholarship recipient, 2012.

Instructor, N4499, Independent Study, "Testing experimental light-at-night conditions," Lee Mabry, BSN Honors Program student, 1 credit hour, Fall 2012 and 2 credit hours, Spring 2013 semesters

Instructor, N4499, Independent Study, "Effects of light-at-night on circadian rhythms of body skin temperature," Daniel Kerr, BSN Honors Program student, 2 credit hours Spring 2013 and 1 credit hour Summer 2013 semesters.

Instructor, N4499, Independent Study, "Changes in alertness and sleep quality scores based on light at night conditions," Danielle Wilkins, BSN Honors Program student, 2 credit hours Spring 2013 and 1 credit hour Summer 2013 semesters.

Instructor, N7700, Independent Study, "Proposal Development," Veronica Brady, PhD student, 1 credit hour, Spring 2013

Instructor, N7700, Independent Study, "Proposal Development," Daniel Arellano, PhD student, 3 credit hours, Spring 2013

Instructor, N7700, Independent Study, "Writing for Publication," Daniel Arellano, PhD student, 3 credit hours, Spring 2013

Instructor, N4499, Independent Study, "Effects of light-at-night on circadian rhythms of salivary cortisol, melatonin, immune markers, and oxidative stress," Amy Aaronson, BSN Honors Program student, 1 credit hour, Summer 2013 and 2 credit hours, Fall 2013 semesters

Instructor, N4499, Independent Study, "Circadian rhythms in skin temperature," Temitope Awe, BSN Honors Program student, 1 credit hour, Fall 2013 and Spring 2014 semesters

**Courses Taught: University of Texas Health Science Center at Houston, Cizik School of Nursing** (cont.)

Instructor, N4499, Independent Study, "Psychometric Assessment of the Epworth Sleepiness Scale and the Richards-Campbell Sleep Questionnaire," Johnath J. Willson, BSN Honors Program student, 1 credit hour, Fall 2013 and Spring 2014 semesters

Instructor, N4499, Independent Study, "Recruitment strategies and databases for light-at-night comparison project," Adina Schultz, BSN Honors Program student, 1 credit hour, Fall 2013 and Spring 2014 semesters

Instructor, N7700, Independent Study, "Translation of the Cancer Behavior Inventory – Brief into Arabic," Maaidah Algamdi, PhD student, 3 credit hours, Spring 2014 semester

Instructor, N7700, Independent Study, "Psychometric testing of the Cancer Behavior Inventory – Brief Arabic version," Maaidah Algamdi, PhD student, 3 credit hours, Summer 2014 semester

Instructor, N4499, Independent Study, "Comparison of light-at-night conditions in a controlled laboratory," Marlena Jez-Gizeba, BSN Honors Program student, 1 credit hour, Spring and Summer 2014 semesters

Instructor, N4499, Independent Study, "Enzyme immunoassay and multiplex assay comparison," Stefanie Pieper, BSN Honors Program student, 1 credit hour, Summer and Fall 2014 semesters

Instructor, N4499, Independent Study, "Measurement of ambient conditions," Emily Nguyen, BSN Honors Program student, 1 credit hour, Summer and Fall 2014 semesters

Instructor, N7600, Dissertation, Daniel Arellano, PhD Program, 1 – 6 credit hours, Summer 2014 – December 2019

Instructor, N7600, Dissertation, Maaidah Algamdi, PhD student, Doctoral Program, 3-9 credit hours, Fall Semester, 2014 – May 2015

Instructor, N4499, Independent Study, "Light at night effects on salivary biomarkers and circadian temperature rhythm," Christina Kuba, BSN Honors Program student, 1 credit hour, Spring 2015.

Instructor, N4499, Independent Study, "Skin temperature circadian rhythm," Tauna Gilder, RN-BSN student, BSN Honors Program, 1 credit hour, Summer and Fall semesters, 2015.

Instructor, N4499, Independent Study, "Patient ventilator asynchrony profiles," Gracie Reed, RN-BSN student, BSN Honors Program, 1 credit hour, Summer 2015.



**Courses Taught: University of Texas Health Science Center at Houston, Cizik School of Nursing** (cont.)

Instructor, N4499, Independent Study, "Reliability estimates of the Richards-Campbell Sleep Questionnaire," Lauren Robertson, BSN Honors Program student, 1 credit hour, Fall 2015 and Spring 2016 semesters.

Instructor, N7600, Dissertation, June Trammel, PhD student, 3 credit hours, Fall 2015 – present

Instructor, N4499, Independent Study, "Performance comparison of two commercially available interleukin-6 immunoassays," Samee Vakil, BSN Honors Program student, 1 credit hour, Summer and Fall 2016 and Spring 2017 semesters

Instructor, N4499, Independent Study, "Skin circadian temperature rhythm in adult healthy volunteers," Lauren Smith, BSN Honors Program student, 1 credit hour, Summer and Fall 2016 semesters

Instructor, N7700, Independent Study, "Writing for Publication," Jeanette Drake, PhD student, 3 credit hours, Summer 2016.

Instructor, N7521, Biobehavioral Interactions in Research, PhD in Nursing program, 3 credit hours, Fall 2016 – present

Instructor, N4499, Immune Biomarkers, BSN program elective, 3 credit hours, Fall 2016

Instructor, N4499, Supplemental Pathophysiology, BSN program, 1 credit hour, Fall 2016

Instructor, N4499, Independent Study, "Relation of Epworth Sleepiness Scale scores to salivary biomarkers," Nicole Vertallice, BSN Honors Program student, 1 credit hour, Fall 2016 semester.

Instructor, N4499, Independent Study, "Relation of Richards-Campbell Sleep Questionnaire scores to salivary biomarkers," Anjali Sethi, BSN Honors Program student, 1 credit hour, Fall 2016 semester.

Instructor, N4499, Independent Study, "Gender differences in skin temperature of the healthy adult," Alexander de Castro, BSN Honors Program student, 1 credit hour, Spring and Summer 2017 semesters.

Instructor, N4499, Independent Study, "Salivary myeloperoxidase response to ICU light at night conditions," George Bradshaw, BSN Honors Program student, 1 credit hour, Spring, Summer, and Fall 2017 semesters.

Instructor, N4499, Independent Study, "Ambient Light, Temperature, and Humidity Circadian Rhythms," Nancy Pham, BSN Honors Program student, 1 credit hour, Summer and Fall 2017 and Spring 2018 semesters.

**Courses Taught: University of Texas Health Science Center at Houston, Cizik School of Nursing** (cont.)

Instructor, N7600, Dissertation, Daniel S. DeGarmo, PhD student, 2 credit hours, Fall 2016 and Spring 2017 semesters.

Instructor, N4499, Independent Study, "Research Data Management and Analysis," Emily Paez, BSN Honors Program student, 1 credit hour, Fall 2017, Spring 2018, and Summer 2018 semesters.

Instructor, N4499, Independent Study, "Biomarker response to dexamethasone in patients with advanced cancer," Teresa Harris, BSN Honors Program student, 1 credit hour, Spring 2018, Summer 2018, and Fall 2018 semesters.

Instructor, N4499, Independent Study, "Biomarker prediction of agitated delirium in palliative care patients with advanced cancer," Hunter Montgomery, BSN Honors Program student, 1 credit hour, Spring 2018, Summer 2018, and Fall 2018 semesters.

Instructor, N4499, Independent Study, "Salivary myeloperoxidase levels under varying light-at-night conditions," Rachel Reid, BSN Honors Program student, 1 credit hour, Spring 2018, Summer 2018, and Fall 2018 semesters.

Instructor, N4499, Independent Study, "Salivary cortisol in doctoral students," Amanda Coonce, BSN Honors Program student, 1 credit hour, Summer 2018, Fall 2018, and Spring 2019 semesters.

Instructor, N4499, Independent Study, "Gender differences in skin temperature," Jordan Sigmon, BSN Honors Program student, 1 credit hour, Summer 2018, Fall 2018, and Spring 2019 semesters.

Instructor, N7700, Independent Study, "Instrument development and testing," Jeanette Drake, PhD student, 3 credit hours, Summer 2018.

Instructor, N4499, Independent Study, "Salivary cortisol laboratory," Pauline Tolentino, BSN Honors Program student, 1 credit hour, Fall 2018, Spring and Summer 2019 semesters.

Instructor, N4499, Independent Study, "Inflammatory Marker Laboratory Logs," Pankti Patel, BSN Honors Program student, 1 credit hour, Fall 2018, Spring and Summer 2019 semesters.

Instructor, N7600, Dissertation, Jeanette Drake, PhD Program, 3 - 5 credit hours, Spring 2019 – Summer 2020 semesters

Instructor, N7700, Independent Study, "Pulmonary Vascular Anatomy and Biology of Lung Tissue from Human Infants and Murine Subjects with Congenital Diaphragmatic Hernia (CDH)," Jamie L. Gilley, PhD student, 3 credit hours, Spring, Summer, and Fall 2020 semesters.

**Courses Taught: University of Texas Health Science Center at Houston, Cizik School of Nursing** (cont.)

Instructor, N4499, Independent Study, "Inflammatory Marker Laboratory Logs, NIH Dyspnea study," Katherine Bauersfeld Carranza, BSN Honors Program student, 1 credit hour, Spring, Summer, and Fall 2020 semesters.

Instructor, N4499, Independent Study, "Inflammatory Marker Laboratory Logs, NIH Delirium study," Juan Miguel Zapanta, BSN Honors Program student, 1 credit hour, Spring, Summer, and Fall 2020 semesters.

Instructor, N4499, Independent Study, "Biomarker Prediction of Agitated Delirium in Patients with Advanced Cancer," Robin Guidry, BSN Honors Program student, 1 credit hour, Fall 2020 and Spring and Summer 2021 semesters.

Instructor, N4499, Independent Study, "Biomarker Response to Dexamethasone to Alleviate Dyspnea in Patients with Advanced Cancer," Madison Ellis, BSN Honors Program student, 1 credit hour, Fall 2020 and Spring and Summer 2021 semesters.

Instructor, N7700, Independent Study, "Cellular Biology," Jamie Gilley, PhD student, 3 credit hours, Spring 2021 semester.

Instructor, N7700, Independent Study, "Murine Research Methodology," Jamie Gilley, PhD student, 3 credit hours, Summer 2021 semester.

Instructor, N7700, Independent Study, "NIH Research Design Elective," Amanda Holmes, PhD student, 3 credit hours, Summer 2021 semester.

Instructor, N7700, Independent Study, "Scientific Writing," Amanda Holmes, PhD student, 3 credit hours, Summer 2021 semester.

Instructor, N4499, Independent Study, "Biomarker Response to Dexamethasone to Alleviate Dyspnea in Patients with Advanced Cancer," Allen Huang, BSN Honors Program student, 1 credit hour, Fall 2021 and Spring and Summer 2022 semesters.

Instructor, N7700, Independent Study, "Physical and Perceptual Properties of Light," Amanda Holmes, PhD student, 3 credit hours, Fall 2021 semester.

Instructor, N7600, Dissertation, Jamie Gilley, PhD Program, 6 credit hours, Fall 2021.

Instructor, N7552B, Research Planning and Implementation, Jamie Gilley, PhD Program, 1 credit hour, Fall 2021.

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**Courses Taught: University of Texas Health Science Center at Houston, Cizik School of Nursing (cont.)**

Instructor, N7700, Independent Study, “Coagulopathy during Neonatal ECMO,” Amanda Holmes, PhD student, 3 credit hours, Spring 2022.

**University of Texas Health Science Center-Houston**

Guest Lecturer, “Mock IRB Session,” Ethical Aspects of Clinical Research, Clinical Research Curriculum, MS Program and Post-doctoral Program, School of Medicine, Spring semester, 2005 (didactic)

Guest Lecturer, “Informed Consent: Legal vs. Ethical Issues,” Navigating the Regulatory Highway: Clinical Research and Regulatory Practice, Clinical and Translational Science Curriculum, Center for Clinical and Translational Sciences, Fall semester, 2007 (didactic)

Guest Lecturer, “Medical Errors and the Role of Health Information Technology in Reducing Errors,” HI 6001, Health Information Technology for Patient Safety and Quality, School of Health Information Science (now School of Biomedical Informatics), Spring semester, 2009 (didactic)

Faculty. Summer Health Professions Education Program, Summer semester, 2017- 2018.

**Project/Thesis/Dissertation Advisees****Baccalaureate of Science in Nursing Honors Program Projects**

University of Texas Health Science Center at Houston School of Nursing, Gabriella Torrence , “Activity Monitoring in Ambulatory Women,” BSN, May 2004, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Jennifer Leland, “Ambient Characteristics of Laboratory and Home Settings,” BSN, May 2005, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Kortney Green, “Salivary Measurement of Cortisol,” BSN, May 2006, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Michelle Merriweather, “Circadian Rhythm of Ambient Light,” BSN, May 2008, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Brenda Merkelz, “Optimal Lighting for a Pre-Clinical Critical Care Laboratory,” BSN May 2009, Research Mentor

**Baccalaureate of Science in Nursing Honors Program Projects (cont,)**

University of Texas Health Science Center at Houston School of Nursing, Abigail Brown, "Research-based Clinical Care Protocol Development for the Preclinical Critical Care Laboratory," BSN Program, December 2010, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Elaine Chow, "Effect of lateral rotation on blood pressure, heart rate, oxygen saturation, and respiratory/ventilatory parameters in a porcine ICU," BSN Program, May 2011, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Kimberly Hunter, "Reliability testing of the Modified Richmond Agitation Sedation Scale in sedated, mechanically ventilated swine," BSN Program, May 2011, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Prashant Bhagat, "Adverse events associated with lateral rotation in mechanically ventilated intensive care unit patients," BSN Program, August 2011 – May 2012, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Megan Oggero, "Implications for Light Wavelength in the ICU," BSN Program, January – August 2012, Research Mentor

University of Texas Health Science Center at Houston School of Nursing, Gabriel Blog, "Partial validation of salivary IL-6 and TNF- $\alpha$  for circadian rhythm research," BSN Program, August 2012 – May 2013

University of Texas Health Science Center at Houston School of Nursing, Lee Mabry, "Testing light-at-night conditions," BSN Program, August 2012 – May 2013

University of Texas Health Science Center at Houston School of Nursing, Laura Svensson Ballew, "Measurement of circadian temperature rhythm with the iButton," BSN Program, August 2012 – May 2013

University of Texas Health Science Center at Houston School of Nursing, Daniel Kerr, "Effects of light-at-night on circadian rhythms of body skin temperature," BSN Program, August 2012 – May 2013

University of Texas Health Science Center at Houston School of Nursing, Danielle Wilkins, "Changes in alertness and sleep quality scores based on light at night conditions," BSN Program, August 2012 – May 2013

University of Texas Health Science Center at Houston School of Nursing, Amy Aaronson, "Effects of light-at-night on circadian rhythms of salivary cortisol, melatonin, immune markers, and oxidative stress," BSN Program, May 2013 – December 2013

**Baccalaureate of Science in Nursing Honors Program Projects (cont,)**

University of Texas Health Science Center at Houston School of Nursing, J. J. Willson, "Psychometric properties of the Epworth Sleepiness Scale and the Richards-Campbell Sleep Questionnaire," BSN Program, August 2013 – May 2014

University of Texas Health Science Center at Houston School of Nursing, Temitope Awe, "Skin temperature monitoring in ambulatory young adults," BSN Program, August 2013 – May 2014

University of Texas Health Science Center at Houston School of Nursing, Adina Schultz, "Protocol development to compare light-at-night conditions in healthy adult volunteers," BSN Program, August 2013 – May 2014

University of Texas Health Science Center at Houston School of Nursing, Marlena Jez-Gizeba, "Comparison of light-at-night conditions in a controlled laboratory," BSN Program, January - August 2014

University of Texas Health Science Center at Houston School of Nursing, Stefanie Pieper, "Comparison of enzyme immunoassay and multiplex protocols," BSN Program, May - December 2014

University of Texas Health Science Center at Houston School of Nursing, Emily Nguyen, "Measurement of ambient conditions in a controlled laboratory," BSN Program, May - December 2014

University of Texas Health Science Center at Houston School of Nursing, Christina Kuba, "Light at night effects on salivary biomarkers and circadian temperature rhythm," BSN Program, January - May 2015

University of Texas Health Science Center at Houston School of Nursing, Tauna Gilder, "Skin temperature circadian rhythm," RN-BSN Program, May – December 2015

University of Texas Health Science Center at Houston School of Nursing, Gracie Reed, "Patient ventilator asynchrony profiles," RN-BSN Program, May - December 2015.

University of Texas Health Science Center at Houston School of Nursing, Lauren Robertson, "Reliability estimates of the Richards-Campbell Sleep Questionnaire," BSN Program, September 2015 - May 2016

University of Texas Health Science Center at Houston School of Nursing, Samee Vakil, "Performance comparison of two commercially available interleukin-6 immunoassays," BSN Program, May 2016 – May 2017; selected for poster presentation at the Texas Undergraduate Research Day at the Capitol, Austin, TX, March 28, 2017.

University of Texas Health Science Center at Houston School of Nursing, Lauren Smith, "Skin temperature circadian rhythm in adult healthy volunteers," BSN Program, May – December 2016

**Baccalaureate of Science in Nursing Honors Program Projects (cont.)**

University of Texas Health Science Center at Houston School of Nursing, Nicole Verticalice, "Relation of Epworth Sleepiness Scale scores to salivary biomarkers," BSN Program, August – December 2016

University of Texas Health Science Center at Houston School of Nursing, Anjali Sethi, "Relation of Richards-Campbell Sleep Questionnaire scores to salivary biomarkers," BSN Program, August – December 2016

University of Texas Health Science Center at Houston School of Nursing, Alexander de Castro, "Gender differences in skin temperature of the healthy adult," Alexander de Castro, BSN Program, January - August 2017.

University of Texas Health Science Center at Houston School of Nursing, George Bradshaw, "Salivary myeloperoxidase response to ICU light at night conditions," BSN Program, January - December 2017. Recipient, School of Nursing Faculty Award of Excellence for scholastic and leadership ability.

University of Texas Health Science Center at Houston School of Nursing, Nancy Pham, "Ambient light, temperature, and humidity in a controlled environment laboratory under different light-at-night conditions," BSN Program, May 2017 – May 2018. Recipient, School of Nursing Faculty Award of Excellence for scholastic and leadership ability.

University of Texas Health Science Center at Houston School of Nursing, Emily Paez, "Research data management and analyses," BSN Program, August 2017 – August 2018.

University of Texas Health Science Center at Houston Cizik School of Nursing, Teresa Harris, "Biomarker response to dexamethasone in patients with advanced cancer," BSN Program, January – December 2018.

University of Texas Health Science Center at Houston Cizik School of Nursing, Hunter Montgomery, "Biomarker prediction of agitated delirium in palliative care patients with advanced cancer," BSN Program, January – December 2018.

University of Texas Health Science Center at Houston Cizik School of Nursing, Rachel Reid, "Salivary myeloperoxidase levels under varying light-at-night conditions," BSN Program, January – December 2018.

University of Texas Health Science Center at Houston Cizik School of Nursing, Amanda Coonce, "Salivary cortisol in doctoral students," BSN Program, May 2018 – May 2019.

University of Texas Health Science Center at Houston Cizik School of Nursing, Jordan Sigmon, "Gender differences in skin temperature," BSN Program, May 2018 – May 2019.

**Baccalaureate of Science in Nursing Honors Program Projects (cont.)**

University of Texas Health Science Center at Houston Cizik School of Nursing, Pauline Tolentino, "Salivary cortisol laboratory," BSN Program, August 2018 – August 2019.

University of Texas Health Science Center at Houston Cizik School of Nursing, Pankti Patel, "Laboratory Logs," BSN Program, August 2018 – August 2019.

University of Texas Health Science Center at Houston Cizik School of Nursing, Katherine Bauersfeld Carranza, "Dexamethasone for Dyspnea in Advanced Cancer: Biomarkers," BSN Program, January – December 2020.

University of Texas Health Science Center at Houston Cizik School of Nursing, Juan Miguel Zapanta, "Strategies for Delirium in Acute Palliative Care Unit: Biomarkers," BSN Program, January – December 2020.

University of Texas Health Science Center at Houston Cizik School of Nursing, Madison Ellis, "Dexamethasone for Dyspnea in Advanced Cancer: Biomarkers," BSN Program, August 2020 – August 2021.

University of Texas Health Science Center at Houston Cizik School of Nursing, Robin Guidry, "Strategies for Delirium in Acute Palliative Care Unit: Biomarkers," BSN Program, August 2020 – August 2021.

University of Texas Health Science Center at Houston Cizik School of Nursing, Allen Huang, "Pharmacologic intervention effects on inflammatory biomarkers in outpatients with advanced lung cancer and inpatients receiving acute hospice care," BSN Program, August 2021 – May 2022.



## Thesis Projects

University of Texas Health Science Center at Houston School of Nursing, Judy Ann Didion, September 1984, "An Investigation of the Difference between the Critical Care Nurse's Perception of the Critically Ill Client's Family's Needs and the Critically Ill Client's Perception of its Needs," MSN, September 1984

University of Texas Health Science Center at Houston School of Nursing, Janet G. Whetstone Foster, "Minimizing complications of endotracheal suctioning," MSN, December 1985

University of Texas Health Science Center at Houston School of Nursing, Kathryn B. McGee, "Clinical validation of respiratory nursing diagnoses," MSN, December 1986

University of Texas Health Science Center at Houston School of Nursing, Maryanne H. Johnson, "Identification of respiratory defining characteristics, clusters, diagnostic labels, and nursing interventions," MSN, December 1987

University of Texas Health Science Center at Houston School of Nursing, Tory Morrell Schmitz, "Effect of the semi-prone body position on oxygenation," MSN, December 1988, Thesis Committee member

Texas Woman's University, Josefina Castro, "Effect of chemical neurolysis on spasticity and functional status in persons with spinal cord injury," MSN, May 1993, Thesis Committee member.

Texas Woman's University, Laurie Bradshaw, "Differences between Psychological Reactions of Postpartum Teenage and Adult Mothers of Low Birth Weight Infants," MSN, August 1994, Chair

Texas Woman's University, Kristen Oelman, "Differences between Psychological Reactions of Postpartum Adult and Teenage Mothers of Low Birth Weight Infants," MSN, August 1994, Chair

Texas Woman's University, Anita Kyle, "Relationship between attendance in a structured pregnancy exercise program and type of obstetrical delivery," MSN, May 1995, Thesis Committee member

Texas Woman's University, Rhea Elliott, "A comparison of two types of communication methods used after cardiac surgery with Intubated patients," MSN, August 1996, Chair

Texas Woman's University, Huberta Cozart, "Subjective Nursing Assessment of Cough Effort," MSN, May 1997, Chair

University of Texas Health Science Center at Houston School of Nursing, Gregory Poulin, "Comparison of Continuous and Intermittent Arterial Blood Gas Monitoring in Swine," MSN, May 2002, Chair

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## Dissertation Projects

Texas Woman's University, Suzanne S. Prevost, "Relationships among Pressure Ulcer Risk Potential, Nursing Interventions, and Pressure Ulcer Presence, PhD, December 1992, Dissertation Committee member

Texas Woman's University, Annabelle R. Borromeo, "Mechanical and Kinetic Environmental Analysis," PhD Program, 1994 – 1996, Major Advisor

Texas Woman's University, Kathryn Spiegel, "Psychometric Properties of the Weaning Self-Efficacy Scale," PhD Program, 1994 – 1996, Major Advisor and Dissertation Committee member

Texas Woman's University, Heather Kopecky, "Psychometric Testing of the Overt Agitation Severity Scale," PhD Program, 1994 – 1996, Major Advisor and Dissertation Chair, Funding: The Methodist Foundation (\$38,000)

Texas Woman's University, Suzanne S. Yarbrough, "Nurses' Support as Perceived by Hospitalized Persons with AIDS: An Ethnographic Study," PhD, December 1994, Dissertation Committee Member

Texas Woman's University, Nancy E. Kline, "Reducing the Effects of Corticosteroid Therapy in Pediatric Patients with Solid Tumors," 1995 – 1996, Major Advisor, Funding: American Cancer Society Doctoral Scholarship in Cancer Nursing (\$24,000)

Texas Woman's University, Priscilla Koester, "Nutritional Beliefs and Behaviors of Persons with HIV/AIDS," PhD, August 1995, Dissertation Committee member

Texas Woman's University, Alison Gardner, "Predictor Variables of Central Venous Catheter Infection in Leukemia Patients," PhD Program, May 1997, Dissertation Chair

Texas Woman's University, Lauri John, "Quality of Life in Patients Receiving Curative Radiation Therapy for Non-small Cell Lung Cancer," PhD, May 1997, Dissertation Committee member

Texas Woman's University, Jill T. Jesurum, "Oxygen Consumption Modulation: Effects of an Opioid Agonist on Tissue Oxygenation following Lateral Positioning in Cardiovascular Surgical Patients with Low Oxygen Delivery", PhD, December 2002, Dissertation Chair, Funding: Hewlett Packard/American Association of Critical-Care Nurses (\$32,000)

University of Texas Health Science Center at Houston School of Public Health, Victoria E. Hawkins, "A systematic review of dissemination studies," DrPH, August 2003, Dissertation Committee Member

**Dissertation Projects** (cont.)

University of Texas Health Science Center at Houston School of Nursing, Cynthia A. McCarley, “Temporal Patterns of Dyspnea, Fatigue, and Pulmonary Expiratory Flow Rate in Patients with COPD”, PhD in Nursing, May 2003, Dissertation Chair, Funding: Ambulatory Monitoring, Inc. (\$25,000); Cinda Heist Clark Dissertation Research Award (\$3,000); Rising Star of Scholarship and Research, Sigma Theta Tau International

Texas Woman’s University, Dorothy Kite-Powell, “Use of the Rapid Shallow Breathing Index as a Predictor of Weaning Outcome in Cardiovascular Surgical Patients”, PhD Program, 2008, Dissertation Committee Member

University of Texas Health Science Center at Houston School of Nursing, Shannan K. Hamlin, “Hemodynamic Changes Associated with Manual and Automated Lateral Rotation in Mechanically Ventilated Intensive Care Unit Patients,” PhD in Nursing, May 2010, Dissertation Chair, Funding: American Association of Critical-Care Nurses Mentorship Grant (\$10,000); American Association of Critical-Care Nurses Houston-Gulf Coast Chapter Research Grant (\$3,000); UTHealth School of Nursing Distinguished Alumna, 2017

University of Texas Health Science Center at Houston School of Nursing, Mary Anne Vincent, “Biomarker Circadian Rhythm Profiles in Critically Ill Mechanically Ventilated Patients”, PhD in Nursing Program, May 2011, Dissertation Chair, Funding: National Institutes of Health (T32 RR024148, \$48,274); Sigma Theta Tau International Virginia Henderson Clinical Research Grant (\$5,000); Sigma Theta Tau International Zeta Pi Chapter (\$2,000); Texas Nurses Association, District 9 (\$1,500)

University of Texas Health Science Center at Houston School of Nursing, Katrina N. Leyden, “Circadian Rhythms of Pulmonary Mechanics, Gas Exchange, and Requirement for Sedation in a Porcine Adult ICU Model,” PhD in Nursing Program, December 2013, Dissertation Chair, Funding: University of Texas System LERR Grant (\$15,000) and Vivian L. Smith Foundation.

University of Texas Health Science Center at Houston School of Nursing, SherylIn Gilman Wachtel, “Oxygenation Response to Manual and Automated Turning in Mechanically Ventilated Critically Ill Patients,” PhD in Nursing Program, December 2014, Dissertation Chair, Funding: Howell Foundation Nursing Research Grant (\$15,000).

University of Texas Health Science Center at Houston School of Nursing, Kristina Leyden, “Activity-rest Patterns in Ambulatory Women as a Synchronizer of Circadian Temperature Rhythm,” PhD in Nursing Program, May 2015, Dissertation Chair, Funding: University of Texas System LERR Grant (\$15,000)

Chiang Mai University, Chiang Mai, Thailand, Yupha Wongrostrai, “Sustainability of Mechanical Ventilation Weaning Protocol Implementation for Critically Ill Patients in Tertiary Hospitals,” PhD in Nursing Program, December 2015, Co-advisor and Member of Dissertation Committee, Funding: Thailand Ministry of Health (\$54,000)

**Dissertation Projects (cont.)**

University of Texas Health Science Center at Houston School of Nursing, Maaidah Algamdi, "Development and Psychometric Testing of the Arabic Version of the Cancer Behavior Inventory – Brief," PhD in Nursing Program, May 2016, Dissertation Chair, Funding: Saudi Arabia Culture Mission and University of Tabuk

University of Texas Health Science Center at Houston School of Nursing, June Trammell, "Heart rate variability and the trajectory of delirium in intensive care unit patients," PhD in Nursing Program, 2011-2018, Dissertation Chair

University of Texas Health Science Center at Houston School of Nursing, Daniel S. Degarmo, "Comparing the Effectiveness of the Video Laryngoscope with the Direct Laryngoscope in the Emergency Department: A Meta-Analysis of the Published Literature," PhD in Nursing Program, August 2017, Dissertation Committee Member

University of Texas Health Science Center at Houston School of Nursing, Daniel Arellano, "Vasopressor Titration in Medical Intensive Care Patients with Septic Shock: A Descriptive Study," PhD in Nursing Program, December 2019, Dissertation Chair, Funding: PARTNERS Scholar.

University of Texas Health Science Center at Houston School of Nursing, Jeanette Drake, "Development and Psychometric Testing of the Drake Atrial Electrogram Assessment Survey: DAEGAS," PhD in Nursing Program, August 2020, Dissertation Chair. Sigma Theta Tau International Zeta Pi Chapter Research Grant, May 2019 – August 2020 (\$1,000)

University of Texas Health Science Center at Houston School of Nursing, Jamie L. Gilley, "Pathobiology of pulmonary hypertension in murine and human neonatal congenital diaphragmatic hernia," PhD in Nursing Program, In progress, Dissertation Chair. James A. Baker Transformation and Hope Endowed Scholarship (\$3,500).

University of Texas Health Science Center at Houston School of Nursing, Amanda Holmes, "Anticoagulation during Extracorporeal Membrane Oxygenation in the Neonatal Intensive Care Unit," PhD in Nursing Program, In progress, Advisor

University of Texas Health Science Center at Houston School of Nursing, Evaline Sims, "Maintenance of Therapeutic Anticoagulation Range in Patients with Trauma," PhD in Nursing Program, In progress, Advisor

**Post-Doctoral Projects**

University of Texas Health Science Center at Houston, School of Biomedical Informatics, Keck Center AHRQ Training Program in Patient Safety and Quality of the Gulf Coast Consortia, Curtis Kennedy, MD, PhD, Post-doctoral student, Co-sponsor, 10/01/10 – 11/30/10, Funding: Agency for Healthcare Research and Quality (T32 HS017586-03, \$59,305)

**OTHER: Candidacy Examinations (PhD in Nursing)**

University of Texas Health Science Center at Houston, School of Nursing, Cinda Clark, “Risks, Incidence, and Consequences of Visceral Protein Deficit in the Medical Critically Ill Adult,” Chair, July 1998

University of Texas Health Science Center at Houston, School of Nursing, Frazier, Lorraine, “A Synthesis of Factors Influencing Blood Pressure in Aging Adults: Implications for Practice and Research,” Committee Member, July 1999

University of Texas Health Science Center at Houston, School of Nursing, Hamlin, Shannan K., “Oxygen Transport and Utilization in Septic Shock,” Committee Member, November 2004

University of Texas Health Science Center at Houston, School of Nursing, Angela Ethier, “Factors that Influence Parental Bereavement,” Chair, August 2005

University of Texas Health Science Center at Houston, School of Nursing, Sheryl In Gilman Wachtel, “Oxygenation Response to Positioning: An Evidence-based Systematic Review,” Committee Member, Summer 2007

University of Texas Health Science Center at Houston, School of Nursing, Mary Anne Vincent, “Circadian Temperature Rhythm in Acute Stress,” Committee Member, Fall 2008

University of Texas Health Science Center at Houston, School of Nursing, Katrina Leyden, “Pentobarbital Chronopharmacokinetics and Chronopharmacodynamics in Vertebrates with Implications for Swine,” Committee Member, Spring 2010

University of Texas Health Science Center at Houston, School of Nursing, Elizabeth A. Mann, “The Effect of Sepsis on Outcomes of Severe Injury: A Systematic Review,” Committee Member, Spring, 2010

University of Texas Health Science Center at Houston, School of Nursing, Kristina L. Leyden, “Activity-rest Patterns in Women Across the Lifespan,” Committee Member, Spring, 2011

University of Texas Health Science Center at Houston, School of Nursing, Daniel L. Arellano, “State of the Science of Monitoring Alarms in Critical Situations,” Committee Member, Spring, 2014

**OTHER: Candidacy Examinations (PhD in Nursing)** (cont.)

University of Texas Health Science Center at Houston, School of Nursing, Daniel S. Degarmo, “Methods of cost-effectiveness analysis,” Chair, Fall, 2014.

University of Texas Health Science Center at Houston, Cizik School of Nursing, Yun-Ju Lai, “Predictive biomarkers of physical recovery following ischemic stroke: A systematic review,” Chair, Spring, 2018.

University of Texas Health Science Center at Houston, Cizik School of Nursing, Jeanette Drake, “Review of instruments for evaluation of clinical knowledge,” Member, Summer, 2018.

University of Texas Health Science Center at Houston, Cizik School of Nursing, Jamie L. Gilley, “State of the Science of Ventilatory Support in Managing Pulmonary Hypertension in Neonates with and without Congenital Diaphragmatic Hernia, Member, Spring, 2021.

**OTHER: Summer Research Students - University of Texas Health Science Center at Houston**

Hensley, Michael, Clear Lake High School, Clear Lake, TX, Senior, Project: "In-vitro Comparison of Temperature Measurement Methods," May 30 – August 10, 1997

Putty, Brad, The University of Texas Medical School at Houston, Freshman, Project: "In-vitro Comparison of Temperature Measurement Methods," May 30 – August 10, 1997

Huong, Tang, Northbrook High School, Houston, TX, Senior, Project: Biorhythms in Body Temperature, June 1 – August 17, 1998

Hanson, Deborah J., Allen College, Waterloo, IA, Junior, Nursing Major, Project: "Determination of Circadian Rhythms Using Ambulatory Skin Temperature Monitoring: A Feasibility Study," June 1 – August 6, 1999

Major, Bonnie, Texas A & M University – Corpus Christi, Junior, Nursing Major, Project: "Circadian Temperature Rhythm in Women," May 30 – August 4, 2000

Beasley, Angela, University of Houston, Junior, Pre-nursing major (UTMB enrolled for September 2001), Project: "Circadian Temperature Rhythm in Women," May 29 – August 3, 2001

Cleveland, Josalyn, University of Houston, Freshman, Project: "Circadian Temperature Rhythm in Women," June 11 – July 20, 2001

Hoskins, Katelin, University of Pennsylvania School of Nursing, Sophomore, Project: "Circadian Temperature Rhythm in Women," June 1 – August 3, 2004

Anju Kappannan, Baylor University, Department of Biology, Sophomore, Project: "Experimental Light-at-night Conditions in Healthy Adult Volunteers," June 1 – August 3, 2013

**OTHER**

Reviewer for Promotion and Tenure consideration: Baylor University, Case Western Reserve University, Duke University, Johns Hopkins University, UCLA, University of North Carolina – Chapel Hill, University of Illinois at Chicago, University of Rochester, University of Washington, University of Pennsylvania, University of Arizona, University of California – San Francisco, University of Central Florida, University of Pittsburgh, University of Virginia, University of Texas Medical Branch at Galveston, University of Texas at Austin, University of Texas Health Science Center at Houston Medical School, New Mexico State University, Loyola University, University of Houston Department of Physics, University of Texas Health Science Center at San Antonio

**Other** (cont.)

PARTNERS (Providing Advancement Resources to Nursing Education, Research, and Students)

Member 1996 – present (Lifetime member, 2018 – present)

Presenter, 1997 – 1998 PARTNERS Lecture Series, "The Ups and Downs of Our Biological Clocks," St. Martin's Episcopal Church, May 13, 1998

Poster Presenter, "Porcine Ambulatory Temperature Rhythms," PARTNERS Fall Coffee, Houston, TX, October 27, 1999

PARTNERS Videos on School of Nursing, 2006, 2007

External Review Panel, Clinical Ladder Program, UTMB-Galveston, Galveston, TX, Fall, 1999

Volunteer Nurse, The University of Texas Health Science Center at Houston Pulmonary/Infectious Diseases and Medical clinics, George R. Brown Convention Center, Hurricane Katrina relief effort, September 2005

Panel Member, The University of Houston Friends of Women's Studies, 2005 – 2006 Living Archives Series: Women & Nursing, April 18, 2006

Interviewee, Video Clip, "Pulmonary Embolism," Health Media for *American Nurse Journal*, March 2022