

**Diane K. Boyle, PhD, RN, FAAN**  
**Wyoming Excellence Endowed Chair in Nursing and Professor**

University of Wyoming  
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**Education**

1990	University of Kansas School of Nursing, Kansas City, KS	PhD, Nursing
1982	University of North Carolina School of Nursing, Chapel Hill, NC	MSN
1974	University of Maryland School of Nursing, Baltimore, MD	BSN

**Professional Experience**

06/13-present	Wyoming Excellence Endowed Chair in Nursing and Professor, Fay W. Whitney School of Nursing, University of Wyoming, Laramie, WY
01/05-06/13	Co-Principal Investigator/Deputy Director, National Database of Nursing Quality Indicators® (NDNQI®), University of Kansas School of Nursing, Kansas City, KS
07/99-06/13	Associate Professor, School of Nursing, University of Kansas, Kansas City, KS
05/01-04/07	Joint Appointment, Department of Health Policy and Management, School of Medicine, University of Kansas, Kansas City, KS
06/94-06/99	Assistant Professor, School of Nursing, University of Kansas, Kansas City, KS
09/90-06/94	Assistant Professor, School of Nursing, Georgia Regents University (formerly Medical College of Georgia), Augusta, GA
05/89-06/90	Data Manager, 'Nurse Managers, Nurse Retention, Patient Outcomes' NIH, NCNR Grant NR0209201, School of Nursing, University of Kansas, Kansas City, KS
08/87-05/89	Research Assistant/Teaching Assistant, School of Nursing, University of Kansas, Kansas City, KS
06/86-10/88	Staff Nurse, Intensive Care Unit, Research Medical Center, Kansas City, MO
08/85-05/86	Instructor, Medical-Surgical Nursing, School of Nursing, University of Kansas, Kansas City, KS
01/84-06/85	Director, Staff Development, St. Francis Medical Center, Honolulu, HI
07/82-12/83	Clinical Nurse Specialist/Clinical Director, Critical Care, St. Francis Medical Center, Honolulu, HI
10/79-08/80	Staff Nurse, Intensive Care Unit, VA Medical Center, Fayetteville, NC
09/78-09/79	Staff Nurse, Burn Unit, Institute of Surgical Research, Fort Sam Houston, San Antonio, TX
08/77-06/78	Staff Nurse, Intensive Care Unit, Seton Medical Center, Austin, TX
07/74-07/77	Lieutenant/Captain, U.S. Army Nurse Corps, William Beaumont Army Medical Center, El Paso, TX

## Professional Licensure

Wyoming #31912

## Awards and Honors

- 2016 University of Wyoming College of Health Sciences Outstanding Researcher Award
- 2015 Nominated for UW College of Health Sciences Outstanding Researcher Award
- 2014 Inducted as a Fellow in the American Academy of Nursing
- 2000 W.T. Kemper Fellowship for Teaching Excellence, University of Kansas
- 2000 Graduate Student Mentorship Award, Graduate & Professional Association, Univ. of Kansas
- 1999 Investigator's Research Award, University of Kansas Medical Center
- 1999 Chancellor's Distinguished Teaching Award, University of Kansas
- 1991 Faculty of the Year, ProTrack Program, Georgia Regents University School of Nursing

## Research Grants and Contracts

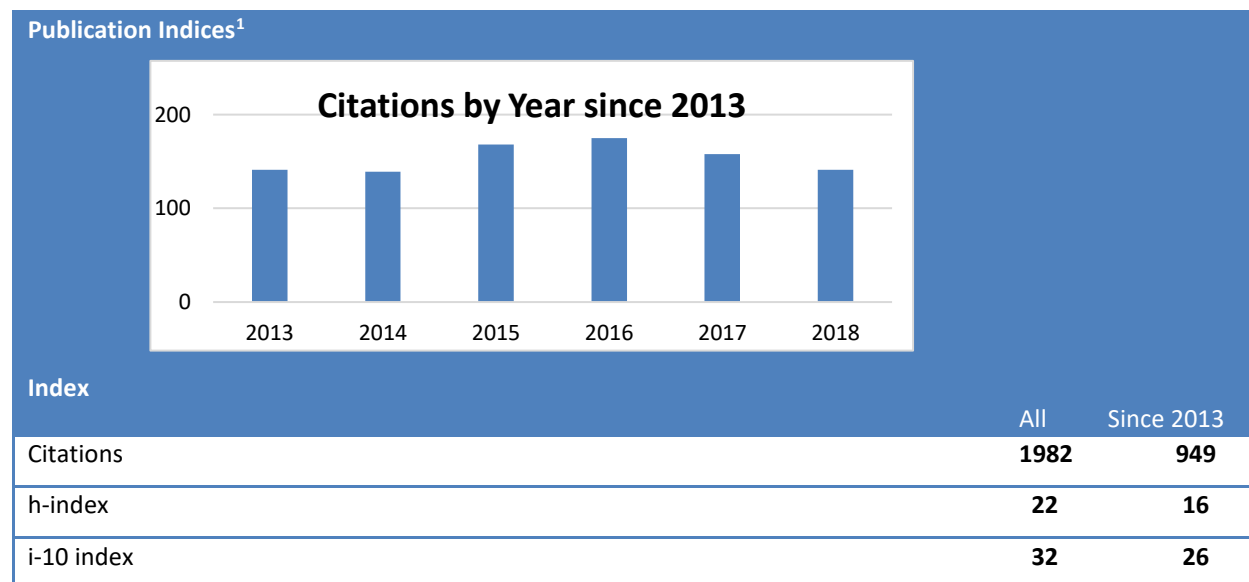
- 07/18-12/19 Principal Investigator. *Continuing Competence Management of CMSRN Certificants of the Medical-Surgical Nursing Certification Board*. Grant from the Medical-Surgical Nursing Certification Board (MSNCB). \$62,208.88
- 07/15-04/18 Mentor. *Evaluation of Assessment, Diagnosis, and Management of Women with Polycystic Ovary Syndrome by Nurse Practitioners: A Pilot Study*. Rebecca Carron, PhD, RN, Principal Investigator. Grant from the Wyoming INBRE Developmental Research Project Program (DRPP) Thematic Research, NIH NIGMS P20 GM103408 \$36,000
- 01/15-05/16 Co-Principal Investigator. *The Relationship between Nursing Specialty Certification and Surgical Site Infection Rates in Acute Care Hospitals*. Sandra-Bergquist-Beringer, PhD, RN, Co-Principal Investigator. Emily Cramer, PhD, Co-Investigator. Grant from the Competency and Credentialing Institute and the Medical-Surgical Nursing Certification Board. \$71,804.
- 08/13-04/14 Principal Investigator. *Estimating Quality Disparities between Rural and Urban Hospitals Using a Composite Indicator of Falls and Pressure Ulcers*. Byron Gajewski, PhD, Mary E. Burman, PhD, RN, FAANP, & Mary Gatua, MSW, PhD, Co-Investigators. Grant from: Wyoming IDeA Network of Biomedical Research Excellence, NIH/NCRR 5P20RR 016474, NIH/NIGMS 8P20GM103432, \$40,000.
- 03/12-06/13 Co-Principal Investigator. *Development of Staffing Measures for Units in Perinatal Settings, Emergency Departments, and Perioperative Settings, National Database of Nursing Quality Indicators*. Contract with the American Nurses Association. Nancy Dunton, PhD, FAAN, Principal Investigator, \$120,825.  
  
Role: I led the expert panel developing standardized staffing metrics for perinatal units. Co-leader: Karen Wambach, PhD, RN, IBCLC. Work done in collaboration with the American Association of Women's Health, Obstetric, and Neonatal Nurses (Karen Peddicord, PhD, RN & Debra Bingham, DrPH, RN). Panel members: Kathleen Simpson, PhD, RNC, FAAN, Jeannette Crenshaw, DNP, RN, LCCE, FACCE, IBCLC, NEA-BC, & Cara Busenhardt, MSN, RN, CNM.

- 11/98-06/13 Co-Principal Investigator/Deputy Director. *National Database of Nursing Quality Indicators® (NDNQI®)*. Nancy E. Dunton, PhD, FAAN, Principal Investigator/Director, University of Kansas Medical Center. Contract from the American Nurses Association; funding for 2012/2013, \$10,265,700.
- Notes on role. 1998-2003: Nurse Scientist; 2004-2010: Co-Investigator responsible for scientific oversight of NDNQI RN Survey and for leading development of new measures; 2010-2013: Co-Principal Investigator/ Deputy Director and Director of the NDNQI Research team.
- 09/11-12/12 Co-Investigator. *Expediting Clinical and Translational via Bayesian Instrument Development (BID)*. Byron Gajewski, PhD, Principal Investigator, & Marge Bott, PhD, RN, Co-Investigator. Grant from Frontiers: The Heartland Institute for Clinical and Translational Research, CTSA Clinical Pilot Program, University of Kansas Medical Center, NIH, NCATS UL1RR033179, \$30,000.
- 10/10-07/12 Principal Investigator. *Trends in Nursing Specialty Certification*. Peggy Miller, PhD, RN & Nancy Dunton, PhD Co-Investigators. Grant from American Association of Critical-Care Nurses & American Board of Nursing Specialties, \$117,340.
- 10/08-09/11 Principal Investigator. *Effects of Adult Intensive Care Units' Physical Environment on Nurse-Physician Collaboration: An Instrumentation Pilot Study*. Mahbub Rashid, PhD, AIA, Co-Principal Investigator, & Michael Crosser, MD, Co-Investigator. MacArthur Collaborative Practice Award from the University of Kansas School of Nursing (KUSON) and University of Kansas Endowment Association, \$1,000; and Office of Grants and Research Award, KUSON, \$5,000.
- 2009-2011 Co-Investigator and leader of item development team. *Development of Workplace Violence Items for National Database of Nursing Quality Indicators' RN Survey*. Contract with the American Nurses Association. Nancy Dunton, PhD, Principal Investigator. Peggy Miller, PhD, RN team member. \$34,000.
- 05/09-12/09 Co-Investigator. *Integrated Analysis of Content and Construct Validity for Instrument Evaluation*. Byron Gajewski, PhD, Principal Investigator & Marge Bott, PhD, RN, Co-investigator. Grant from the FY 09 Spring Bridging Program, University of Kansas Medical Research Institute, \$20,000.
- 01/07-12/08 Co-Investigator. *New Quality Indicator Report Development – National Database of Nursing Quality Indicators*. Contract with the American Nurses Association. Nancy Dunton, PhD, Principal Investigator. \$135,000. Role: Led design of new reports for NDNQI RN Survey.
- 11/06-10/08 Co-Investigator. *The Kansas Nursing Facility Project: Impact of Culture Change*. Marge Bott, PhD, RN, Principal Investigator, and Nancy Dunton, PhD, Robert, Lee, PhD, and Wanda Bonnel, PhD, RN, Co-Investigators. Contract from the State of Kansas Department on Aging. \$697,027.

- 07/06-04/08 Co-Investigator. *Development of Seven Quality Indicators, National Database of Nursing Quality Indicators*. Contract with the American Nurses Association. Nancy Dunton, PhD, Principal Investigator. \$103,000.
- Led (1) development of standardized metric for total nursing turnover; adaptation of the NQF-endorsed Voluntary Turnover measure and the Magnet® Controllable Turnover measure for use in NDNQI – Panel members Peggy Miller, PhD, RN & Cheryl Jones, PhD, RN, FAAN; and (2) development of items for the NDNQI RN Survey to collect specific national nursing specialty certification – Panel members Peggy Miller, PhD, RN & Caryl Goodyear-Bruch, PhD, RN.
- 11/04-06/06 Principal Investigator. *Mentoring Grant in Gerontological Nursing*. Marita Titler, PhD, RN, FAAN, Mentor. Grant from the Gerontological Nursing Interventions Research Training Core, University of Iowa College of Nursing, \$2,500.
- 07/96-06/00 Principal Investigator. *Enhancing Nurse-Physician Collaboration in ICUs*. Grant from NIH, NINR, R15 NR04207, \$75,000.
- 01/98-05/99 Co-Investigator. *Assessment of Family Needs in the Burn Patient Population*. Rosemarie Thompson, BSN, RN, Principal Investigator and Anne Cramer, MD, Co-Investigator. Grants from the International Association of Fire Fighters Burn Foundation, \$4,458, and Mid-Continent Burn Foundation, \$1,200.
- 06/89-05/90 Data Manager. *Nurse Managers, Nurse Retention, Patient Outcomes*. Roma Lee Taunton, PhD, RN, Principal Investigator. Grant from NIH, NCNR R01 NR02092, \$923,847.

### Dissertation

- 1990 *Socialization of New Graduate Nurses in Critical Care*. School of Nursing, University of Kansas. Dissertation Abstracts International, 53, 157B-158B, 1991; University Microfilms No. DA911-0865.



<sup>1</sup> source: Google Scholar Citations, 12/12/18

**Publications, Refereed, Data Based (\*denotes student co-author)**

- Bergquist-Beringer, Cramer, E., Potter, C., Stobinski, J.X., & **Boyle, D.K.** (2018). Exploring the Relationship between Nursing Specialty Certification and Surgical Site Infections. *JONA*, 48, 400-406. doi: 10.1097/NNA.0000000000000636
- Carron, R., \*Simon, N., Gilman-Kehrer, E., & **Boyle, D.K.** (2018). Improving rural nurse practitioner knowledge of Polycystic Ovary Syndrome through continuing education. *Journal of Continuing Education in Nursing*, 49(4), 164-170. doi:10.3928/00220124-20180320-06
- Carron, R., Kooienga, S., **Boyle, D.K.**, & Alvero, R. (2017). Coping in women with Polycystic Ovary Syndrome: Implications for nurse practitioners. *Journal for Nurse Practitioners*, 13, 700-707. Available at <https://doi.org/10.1016/j.nurpra.2017.08.004>
- Gibbs, H. D., Harvey, S., Owens, S., **Boyle, D.**, & Sullivan, D.K. (2017). Engaging experts and patients to refine the Nutrition Literacy Assessment Instrument. *BMC Nutrition*. Available at <https://bmcnutr.biomedcentral.com/articles/10.1186/s40795-017-0190-y>
- \*Gharaibeh, B., Al-Smadi, A.M., & **Boyle, D.** (2017). Psychometric properties and characteristics of the Diabetes Self Management Scale. *International Journal of Nursing Sciences*. Available at <https://doi.org/10.1016/j.ijnss.2017.04.001>
- Boyle, D.K.** Bergquist-Beringer, S., & Cramer, E. (2017). Relationship of wound, ostomy, and continence certified nurses and healthcare-acquired conditions in acute care hospitals. *Journal of Wound, Ostomy, and Continence Nursing*, 44(3), 283-292. Available at: [http://journals.lww.com/jwoconline/Abstract/publishahead/Relationship\\_of\\_Wound,\\_Ostomy,\\_and\\_Continence.99792.aspx](http://journals.lww.com/jwoconline/Abstract/publishahead/Relationship_of_Wound,_Ostomy,_and_Continence.99792.aspx)
- Boyle, D.K.**, Jayawardhana, A., Burman, M.E., Dunton, N., Staggs, S., Bergquist-Beringer, S., & Gajewski, B.J. (2016). A pressure ulcer and fall rate quality composite index for acute care units: A measure development study. *International Journal of Nursing Studies*, 63, 73-81. Available at: <http://authors.elsevier.com/sd/article/S0020748916301468>.
- Park, S.H., \*Gass, S., & **Boyle, D.K.** (2016). Comparison of reasons for nurse turnover in Magnet® and non-Magnet hospitals. *Journal of Nursing Administration*, 46, 284-290.
- \*Gharaibeh, B., Gajewski, B.J., Al-smadi, A., & **Boyle, D.K.** (2016). The Relationships among depression, self-care agency, self efficacy, and diabetes self-care management. *Journal of Research in Nursing*, 21, 110-122. Originally published online February 1, 2016: doi:10.1177/1744987115621782.
- \*Ballard, N., **Boyle, D.K.**, & Bott, M.J. (2016). Evaluation of elements of the Nurse Work Life Model using unit level data. *Western Journal of Nursing Research*, 38, 183-199. Originally published online April 20, 2015. doi:10.1177/0193945915581628.
- \*Garrard, L., **Boyle, D.K.**, Simon, M., Dunton, N., & Gajewski, B. (2016). Reliability and validity of the NDNQI® injury falls measure. *Western Journal of Nursing Research*, 38, 111-128. Originally published online July 13, 2014. doi:10.1177/0193945914542851
- Boyle, D.K.**, Cramer, E., Potter, C., & Staggs, V.S. (2015). Longitudinal association of registered nurse national nursing specialty certification and patient fall rates in acute care hospitals. *Nursing Research*. 64, 291-299. Originally published online June 6, 2015. doi:10.1097/NNR.0000000000000107.

- Park, S.H., & **Boyle, D.K.** (2015). How hospitals view unit-level nurse turnover data collection: Analysis of a hospital survey. *Journal of Nursing Administration*, *45*, 100-106. doi:10.1097/NNA.0000000000000163
- Rashid, M., **Boyle, D.K.**, & Crosser, M. (2014). Network of spaces and interaction-related behaviors in adult intensive care units. *Behavioral Sciences*, *4*, 487-510. doi:10.3390/bs4040487.
- Boyle, D.K.**, Cramer, E., Potter, C., Gatua, M., & Stobinski, J.X. (2014). The relationship between direct care RN specialty certification and patient outcomes in surgical units. *AORN Journal*, *100*, 511-528. doi:10.1016/j.aorn.2014.04.018.
- Choi, J., & **Boyle, D.K.** (2014). Differences in nursing practice environment among US acute care unit types: A descriptive study. *International Journal of Nursing Studies*. *51*, 1441-1449. Originally published online March 14, 2014. doi:10.1016/j.ijnurstu.2014.03.001.
- Rashid, M., **Boyle, D.K.**, & Crosser, M. (2014). Developing nurse and physician questionnaires to assess primary work areas in intensive care units. *Critical Care Nursing Quarterly*. *37*(3), 317-35. doi: 10.1097/CNQ.0000000000000033.
- Park, S.H., **Boyle, D.K.**, Bergquist-Beringer, S., Staggs, V., & Dunton, N. (2014). Concurrent and lagged effects of registered nurse turnover and staffing on unit-acquired pressure ulcers. *Health Services Research*, *49*, 1205-1224. Originally published online January 30, 2104. doi:10.1111/1475-6773.12158.
- \*Jiang, Y., **Boyle, D.K.**, Bott, M.J., Wick, J.A., Yu, Q., Gajewski, B.J. (2014). Expediting clinical and translational research via Bayesian instrument development. *Applied Psychological Measurement*. *38*, 296-310. Originally published online January 27, 2014. doi:10.1177/0146621613517165.
- Choi, J., **Boyle, D.K.**, & Dunton, N. (2014). A standardized measure: NDNQI nursing care hours indicator. *Western Journal of Nursing Research*, *36*, 105-116. doi:10.1177/0193945913501723. Originally published online Sept. 2, 2013: <http://wjn.sagepub.com/content/early/2013/09/02/0193945913501723>.
- Choi, J., & **Boyle, D.K.** (2013). RN workgroup job satisfaction and patient falls in acute care hospital units. *Journal of Nursing Administration*, *43*, 586-591. doi:10.1097/01.NNA.0000434509.66749.7c.
- Boyle, D.K.**, Gajewski, B.J., Miller, P.A. (2012). A longitudinal analysis of nursing specialty certification by Magnet<sup>®</sup> status and patient unit type. *Journal of Nursing Administration*, *42*, 567-573. doi: 10.1097/NNA.0b013e318274b581.
- Williams, K.N., **Boyle, D.K.**, Herman, R.E., Coleman, C.K., & Hummert, M.L. (2012). Psychometric analysis of the Emotional Tone Rating Scale: A measure of person-centered communication. *The Clinical Gerontologist*, *35*, 376-389. doi:10.1080/07317115.2012.702648.
- Gajewski, B.J., Coffland, V., **Boyle, D.K.**, Bott, M., Price, L.R., \*Leopold, J., & Dunton, N. (2012). Assessing content validity through correlation and relevance tools: A Bayesian randomized equivalency experiment. *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*, *8*(3), 81-96. doi:10.1027/1614-2241/a000040.
- \*Pawlowicz, F.E., Gajewski, B.J., Coffland, V., **Boyle, D.K.**, Bott, M.J. & Dunton, N. (2012). Application of Bayesian methodology to measure equivalence between two rating scales. *Nursing Research*, *61*, 181-187. doi:10.1097/NNR.0b013e318253341b.
- Gajewski, B.J., Price, L.R., Coffland, V., **Boyle, D.K.**, & Bott, M.J. (2011). Integrated analysis of content and construct validity of psychometric instruments. *Quality & Quantity*. doi: 10.1007/s11135-011-9503-4. Available at: <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11135-011-9503-4>.

- Thompson, S., Bott, M., **Boyle, D.**, Gajewski, B., & Tilden, V.P. (2011). A measure of palliative care in nursing homes. *Journal of Pain and Symptom Management*, 41, 57-67. doi: 10.1016/j.jpainsymman.2010.03.016.
- Gajewski, B.J., **Boyle, D.K.**, & Thompson, S. (2010). How a Bayesian might estimate the distribution of Cronbach's alpha from ordinal-dynamic scaled data: A case study measuring nursing home residents' quality of life. *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*, 6(2), 71-82. doi:10.1027/1614-2241/a000008.
- Gajewski, B.J., **Boyle, D.K.**, Miller, P., \*Oberhelman, F., & Dunton, N. (2010). A multilevel confirmatory factor analysis of the Practice Environment Scale (PES): A case study. *Nursing Research*, 59, 147-153. doi:10.1097/NNR.0b013e3181d1a71e.
- \*Archer, E., & **Boyle, D.K.** (2008). Herb and supplement use among the retail population of an independent, urban herb store. *Journal of Holistic Nursing*, 26(1), 27-35. doi: 10.1177/0898010107305326.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B.J., Hart, S.E., & Dunton, N. (2006). Unit type differences in RN workgroup job satisfaction. *Western Journal of Nursing Research*, 28, 622-640. doi: 10.1177/0193945906289506.
- Taunton, R.L., Bott, M.J., \*Koehn, M.L., \*Miller, P., \*Rindner, E., Pace, K., \*Elliott, C., \*Bradley, K.J., **Boyle, D.**, & Dunton, N. (2004). The NDNQI-Adapted Index of Work Satisfaction. *Journal of Nursing Measurement* 12, 101-122.
- Boyle, D.K.**, & \*Kochinda, C. (2004). Enhancing collaborative communication of nurse and physician leadership in two intensive care units. *The Journal of Nursing Administration*, 34, 60-70.
- \*Thurmond, V.A., & **Boyle, D.K.** (2002). An integrative review of patients' perceptions regarding telehealth used in their health care. Worldviews on Evidence-based Nursing presents the archives of *The Online Journal of Knowledge Synthesis for Nursing*, 9. Document No. 2: <http://www3.interscience.wiley.com/cgi-bin/fulltext/121363225/PDFSTART>.
- Smith, C.E., Kleinbeck, S.V.M., **Boyle, D.**, \*Kochinda, C., & Parker, S. (2001). Family caregivers' motives for helping scale derived from motivation-to-help theory. *Journal of Nurs Measurement*, 9, 239-257.
- Boyle, D.K.**, Bott, M.J., Hansen, H.E., Woods, C.Q., & Taunton, R.L. (1999). Managers' leadership and critical care nurses' intent to stay. *American Journal of Critical Care*, 8, 361-371.
- Thompson, R., **Boyle, D.**, Teel, C., Wambach, K., & Cramer, A. (1999). A qualitative analysis of family member needs and concerns in the population of patients with burns. *Journal of Burn Care and Rehabilitation*, 20, 487-496.
- \*Sauter, M.A., **Boyle, D.**, Wallace, D., \*Andrews, J.L., \*Johnson, M.S., \*Bates, M., \*Edenfield, S.M., \*Carr, R., Campbell, L., \*Hamilton, B.K., & Taunton, R.L. (1997). Psychometric evaluation of the organizational job satisfaction scale. *Journal of Nursing Measurement*, 5, 53-69.
- Taunton, R.L., **Boyle, D.K.**, Woods, C., Hansen, H., & Bott, M. (1997). Managerial leadership and retention of hospital staff nurses. *Western Journal of Nursing Research*, 19, 205-226.
- Boyle, D.K.**, Popkess-Vawter, S., & Taunton, R.L. (1996). Socialization of new graduate nurses in critical care. *Heart & Lung*, 25, 141-154.
- Wallace, D.C., \*Lockhart, J., & **Boyle, D.K.** (1995). Service use by elders with heart disease. *Research in Nursing & Health*, 18, 293-301.

Hansen, H., Woods, C.Q., **Boyle, D. K.**, Bott, M. & Taunton, R.L. (1995). Nurse manager personal traits and leadership characteristics. *Nursing Administration Quarterly*, 19(4), 23-35.

Creech, E.A., & **Boyle, D.K.** (1985). Job satisfaction: The assertiveness factor. *Nursing Management* 16(4), 30D-30J.

#### **Publications, Refereed, Non-Data Based (\*denotes student co-author)**

Carron, R., Kooienga, S., Gilman-Kehrer, E., **Boyle, D.K.**, & Alvero, R. (in press). A descriptive model to guide research with American Indian Tribes. *Research and Theory for Nursing Practice*.

Loan, L.A., Parnell, T.A., Stichler, J.F., **Boyle, D.K.**, Allen, P., VanFosson, C.A., & Barton, A.J. (2018). Call to action: Nurses must play a critical role to enhance health literacy. *Nursing Outlook*, 66, 97-100.

Barton, A.J., Allen, P.A., **Boyle, D.K.**, Loan, L.A., Stichler, J.F., & Parnell, T.A. (2018). Health literacy: Essential for a culture of health. *Journal of Continuing Education in Nursing*, 49(2), 73-78.  
<https://doi.org/10.3928/00220124-20180116-06>.

**Boyle, D.K.**, & Wambach, K.A. (2001). Interaction in graduate nursing web-based instruction. *Journal of Professional Nursing*, 17, 128-134.

\*Miller, P.A., Forbes, S., & **Boyle, D.K.** (2001). End-of-life care in the intensive care unit: A challenge for nurses. *American Journal of Critical Care*, 10, 230-237.

Wambach, K., **Boyle, D.**, Hagemaster, J., Teel, C., Langner, B., Fazzino, P., Connors, H., Smith, C., & Forbes, S. (1999). Beyond correspondence, video conferencing, and voice-mail: Internet-based masters degree courses in nursing. *Journal of Nursing Education*, 38, 267-271.

#### **Invited Publications (\*denotes student co-author)**

**Boyle, D.K.** (2017). Nursing specialty certification and patient outcomes: What we know in acute care hospitals and future directions. *The Journal of the Association for Vascular Access*, 22(3), 137-142. Available at <http://dx.doi.org/10.1016/j.java.2017.06.002>

Dunton, N., **Boyle, D.K.**, & Cramer, E. (2013). How to achieve success in quality improvement: Lessons from the front lines. *American Nurse Today*, 8(1), 43-44.

Klaus, S.F., **Boyle, D.K.**, & Simon, M. (2009). A method to the madness: Understanding nursing quality measurement. *Nursing Management*, 40(8), 12-15. doi: 10.1097/01.NUMA.0000359201.21834.c7.

\*Kemper, C.A., & **Boyle, D.K.** (2009). Leading your organization to high reliability. *Nursing Management*, 40(4), 14-18. doi: 10.1097/01.NUMA.0000349684.24165.68.

Miller, P.A., & **Boyle, D.K.** (2008). Nursing specialty certification: A measure of nursing expertise. *Nursing Management*, 39(10), 10,12,14-16. doi: 10.1097/01.NUMA.0000338302.02631.5b.

**Boyle, D.K.**, & Miller, P.A. (2008). Focus on nursing turnover: A system-centered performance measure. *Nursing Management*, 39(6), 16-20. doi: 10.1097/01.NUMA.0000320633.81435.75.

**Boyle, D.K.**, \*Miller, P.A., Forbes-Thompson, S.A. (2005). Communication and end-of-life care in the intensive care unit: Patient, family, and clinician outcomes. *Critical Care Nursing Quarterly*, 28, 302-316.



**Book and Monograph Chapters (\*denotes student co-author)**

- Rashid, M., **Boyle, D.K.**, & Crosser, M. (2013). Developing intensive care unit (ICU) nurse and physician questionnaires to assess the design of ICUs as work environments. In J. Anjali & N. Upali (Eds). *Development of Tools for Healthcare Environments Research and Practice*. McLean, VA: Environmental Design Research Association.
- Miller, P.A., & **Boyle, D.K.** (2013, January). Understanding the work environment and its effects: Conceptual framework of the RN Survey and related research. In N. Dunton, I. Montalvo, & V.S. Staggs (Eds). *The NDNQI RN Survey: A Tool for Understanding, Assessing and Improving the Nursing Work Environment*. [Monograph]. Silver Spring, MD: American Nurses Association.
- Miller, P.A., & **Boyle, D.K.** (2013, January). Assessing the work environment: RN Survey methodology. In N. Dunton, I. Montalvo, & V.S. Staggs (Eds). *The NDNQI RN Survey: A Tool for Understanding, Assessing and Improving the Nursing Work Environment*. [Monograph]. Silver Spring, MD: American Nurses Association.
- Miller, P.A., & **Boyle, D.K.** (2013, January). Assessing the work environment: RN Survey development, content, and properties. In N. Dunton, I. Montalvo, & V.S. Staggs (Eds). *The NDNQI RN Survey: A Tool for Understanding, Assessing and Improving the Nursing Work Environment*. [Monograph]. Silver Spring, MD: American Nurses Association.
- Miller, P.A., & **Boyle, D.K.** (2012). Job satisfaction. In J.J Fitzpatrick & M.W. Kazer (Eds). *Encyclopedia of Nursing Research* (3rd Ed, pp. 267-269). New York: Springer.
- Boyle, D.K.**, & \*Miller, P.A. (2006). Job satisfaction. In J Fitzpatrick & M. Wallace (Eds). *Encyclopedia of Nursing Research* (2nd Ed, pp. 307-308). New York: Springer.
- Boyle, D.** (1997). Enhancing employee performance. In E.J. Sullivan (Ed.), *Effective leadership and management in nursing* (4th ed., pp. 361-379). Menlo Park, CA: Addison-Wesley.
- Boyle, D.** (1997). Managing selected personnel problems. In E.J. Sullivan (Ed.), *Effective leadership and management in nursing* (4th ed., pp. 381-395). Menlo Park, CA: Addison-Wesley.
- Boyle, D.** (1997). Performance appraisal. In E.J. Sullivan (Ed.), *Effective leadership and management in nursing* (4th ed., pp. 331-359). Menlo Park, CA: Addison-Wesley.
- Boyle, D.** (1997). Recruiting and selecting staff. In E.J. Sullivan (Ed.), *Effective leadership and management in nursing* (4th ed., pp. 285-309). Menlo Park, CA: Addison-Wesley.
- Boyle, D.K.**, & Moore-Greenlaw, R. (1992). A pragmatic view of nursing management. In E.J. Sullivan & P.J. Decker (Eds.), *Effective management in nursing*, 3rd Ed (pp. 498-516). Redwood City, CA: Addison-Wesley.
- Taunton, R.L., & **Boyle, D.K.** (1992). Institutionalizing research in nursing services. In P.J. Decker & E.J. Sullivan (Eds.), *Nursing administration: A micro/macro approach for effective nurse executives* (pp. 613-626). Norwalk, CT: Appleton & Lange.

**Technical Reports (\*denotes student co-author)**

- Park, S.H., **Boyle, D.K.**, Staggs, V., Potter, C., & Dunton, N. (2013, January). *Reliability and Validity of the NDNQI Nurse Turnover Indicators*. Technical report to the American Nurses Association.

- Staggs, V.S., **Boyle, D.K.**, Cramer, E., Dunton, N. (2012, Nov.). *Evidence on Total Fall Rate (NQF# 0141) and Injury Fall Rate (NQF #0202)*. Brief submitted by the American Nurses Association to the National Quality Forum. Available at <http://www.qualityforum.org/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=72421>.
- Choi, J., **Boyle, D.**, & Dunton, N. (2012, March). *Nursing Care Hours Reliability Study*. Technical report to the American Nurses Association.
- Boyle, D.K.**, Garrard, L., Gajewski, B.J., Simon, M., & Dunton, N. (2011, September). *National Quality Forum Patient Falls Re-endorsement Report*. Technical report to the National Quality Forum.
- Boyle, D.K.**, Garrard, L., Gajewski, B.J., Simon, M., & Dunton, N. (2011, September). *National Quality Forum Patient Falls with Injury Re-endorsement Report*. Technical report to the National Quality Forum.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 by Certification Status*. Technical report to the American Board of Nursing Specialties.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the AACN Certification Corporation*. Technical report to the AACN Certification Corporation.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the American Board of Certification for Gastroenterology Nurses*. Technical report to the American Board of Certification for Gastroenterology Nurses.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the American Board of Neuroscience Nursing*. Technical report to the American Board of Neuroscience Nursing.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the American Board of Perianesthesia Nursing Certification*. Technical report to the American Board of Perianesthesia Nursing Certification.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Board of Certification for Emergency Nursing*. Technical report to the Board of Certification for Emergency Nursing.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Competency and Credentialing Institute*. Technical report to the Competency and Credentialing Institute.
- Boyle, D.K.**, \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the National Board on Certification and Recertification of Nurse Anesthetists*. Technical report to the National Board on Certification and Recertification of Nurse Anesthetists.

- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Infusion Nurses Certification Corporation*. Technical report to the Infusion Nurses Certification Corporation.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Medical-Surgical Nursing Certification Board*. Technical report to the Medical-Surgical Nursing Certification Board.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the National Board for Certification of Hospice and Palliative Nurses*. Technical report to the National Board for Certification of Hospice and Palliative Nurses.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Oncology Nursing Certification Board*. Technical report to the Oncology Nursing Certification Board.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Orthopaedic Nurses Certification Board*. Technical report to the Orthopaedic Nurses Certification Board.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Pediatric Nursing Certification Board*. Technical report to the Pediatric Nursing Certification Board.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Rehabilitation Nursing Certification Board*. Technical report to the Rehabilitation Nursing Certification Board.
- Boyle, D.K.,** \*Oberhelman, F., Garrard, L., & Miller, P.A. (2011). *Demographic Characteristics Analysis of Direct Care Registered Nurses Responding to the NDNQI® Survey 2006-2010 and Reporting Certification Status from the Wound, Ostomy, Continence Nursing Certification Board*. Technical report to the Wound, Ostomy, Continence Nursing Certification Board.
- Bott, M., Dunton, N., Gajewski, B., Lee, R., **Boyle, D.**, Bonnel, W., et al. (2009, March). *Culture Change and Turnover in Kansas Nursing Homes*. Technical report to the Kansas Department on Aging.
- Bott, M., Dunton, N., Gajewski, B., Lee, R., **Boyle, D.**, Bonnel, W., et al. (2007, December). *Kansas Nursing Facility Project*. Technical report to the Kansas Department on Aging.
- Boyle, D.K.** (2000, September). Final Report for *Enhancing Nurse-Physician Collaboration in ICUs*, R15 NR04207, NIH, NINR.
- Podium Presentations, Refereed National and International Abstracts (\*denotes student co-author)**
- Boyle, D.K.,** Stobinski, J.X., & Cramer, E. (2019). *An Assessment of Perioperative Nursing Work Environments*. AORN Global Surgical Conference, April 6, Nashville, TN. Abstract accepted.

Stobinski, J.X., & **Boyle, D.K.** (2017). *The Relationship between Nursing Specialty Certification and SSI Rates in Acute Care Hospitals*. AORN Global Surgical Conference, April 1, Boston, MA.

**Boyle, D.K.**, Burman, M.E., & Gajewski, B.J. (2014). *Are There Quality Differences among Rural, Micropolitan, and Metropolitan Hospitals?* International Nursing Administration Research Conference, November 13-14, Dallas, TX.

**Boyle, D.K.**, Cramer, E., & Potter, C. (2014). *Effect of Peri-Operative Certified RNs on Nursing Sensitive Patient Outcomes in Respective Hospital Surgical Units*. Eighth Annual Nursing Quality Conference, February 5-7, Phoenix, AZ.

Park, S.H., & **Boyle, D.K.** (2013). *A Hospital Survey Evaluating Unit Level Nurse Turnover Data Collection*. International Nursing Administration Research Conference, November 13-16, Baltimore, MD.

\*Ballard, N., Bott, M.J., & **Boyle, D.K.** (2013). *Using the Practice Environment Scale and Job Satisfaction Enjoyment Scale to Evaluate Laschinger's Nursing Work Life Model*. Eighth Annual Nursing Quality Conference, February 5-7, Phoenix, AZ.

2012 Symposium on *Longitudinal Analyses by NDNQI, CANS*, September 13-15, Washington, DC

- **Boyle, D.K.**, & Gajewski, B.J., & Miller, P.A., A Longitudinal Analysis of Nursing Specialty Certification by Magnet Status and Patient Care Unit Type.
- Park, S.H. & **Boyle, D.K.**, A Longitudinal Analysis of Bidirectional Relationships between Unit-level RN Turnover and Job Satisfaction.

Miller, P.A., **Boyle, D.K.**, Gajewski, B., Bott, M.J., & Dunton, N. (2010). *A Unit Level Model of RN Workgroup Intent to Stay*. ANCC Research Symposium: Practice Environment and Outcomes. October 12, Phoenix, AZ.

Gajewski, B.J., Coffland, V., **Boyle, D.K.**, Bott, M., Price, L.R., \*Leopold, J., & Dunton, N. (2010). *On Statistical Properties of a Content Validity-based Bayesian Approach for Validating Measures of Patient Recorded Outcomes*. Joint Statistical Meetings, August 3, Vancouver, BC.

**Boyle, D.K.**, Dunton, N., & Goodyear-Bruch, C. (2010). *Measuring Our Value: Linking Nursing Quality, the Nursing Work Environment, and Patient Outcomes*. Mastery session at the American Association of Critical-Care Nurses National Teaching Institute, May 19, Washington, D.C.

2009 Symposium *There's no place like home: Measuring culture change in nursing homes*. Gerontological Society of America Annual Scientific Meeting, Nov 18-22. Atlanta, GA.

- Gajewski, B., Coffland, V., **Boyle, D.**, & Bott, M. *Integrated analysis of content and construct validity of a culture change instrument*.
- Coffland, V., **Boyle, D.K.**, Becker, A.M., & Bott, M.J. *Development of a nursing home culture change instrument*.
- Bott, M.J., Gajewski, B., **Boyle, D.K.**, Lee, R.H., Becker, A.M., Coffland, V., & Dunton, N. *Psychometric testing of the Kansas Culture Change Instrument (KCCI)*.
- Lee, R.I., Dunton, N., Gajewski, B., **Boyle, D.K.**, Coffland, V., Becker, A.M., & Bott, M.J. *Outcomes of nursing home culture change*.

Klaus, S.F., **Boyle, D.K.**, & Gajewski, B.J. (2008). *The Work Context of Older Direct Care Hospital Nurses*. The Gerontological Society of America's 61<sup>st</sup> Annual Scientific Meeting, November 22, National Harbor, MD.

Gajewski, B., **Boyle, D.**, Miller, P., & Dunton, N. (2008). *A Multilevel Factor Analysis of the Practice Environment Scale (PES): Within and Between Nursing Units*. National State of the Science Congress in Nursing Research. October 2-4, Washington, DC.

- Miller, P.A., & **Boyle, D.K.** (2008). *Meal Breaks, Quality of Care, and Job Intention in Critical Care and Progressive Care RNs*. American Association of Critical-Care Nurses National Teaching Institute, May 4-8, Chicago, IL.
- Gajewski, B., **Boyle, D.**, & Thompson, S. (2007). *Distribution of Cronbach's Alpha for Ordinal Data: A Bayesian Based Approach*. Joint Statistical Meetings, July 29-August 2, Salt Lake City, UT.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., & Dunton, N. (2005). *Nurse Staffing and RN Satisfaction: Evidence from the National Database of Nursing Quality Indicators*. International Nursing Research Congress, Sigma Theta Tau, International, July 14-16, Kona, HI.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., & Dunton, N. (2005). *RN Satisfaction: Evidence from the National Database of Nursing Quality Indicators*. Health Workforce Interest Group Meeting, AcademyHealth Annual Research Meeting, June 25, Boston, MA.
- \*Miller, P., & **Boyle, D.K.** (2004). *RN Satisfaction: 40,000 Nurses Share Their Views*. American Nurses Association Biennial Convention, June 25-30, Minneapolis, MN.
- \*Thompson, R., **Boyle, D.**, & Mosier, M. (2003). *Family Needs in the Pediatric Burn Patient and the Adult Burn patient: Is There a Difference?* American Burn Association Annual Meeting, Apr. 1-4, Miami, FL.
- \*Thompson, R., **Boyle, D.**, Cramer, A., Teel, C., & Wambach, K. (1999). *A Qualitative Analysis of Family Needs and Concerns in the Burn Patient Population*. Canadian Burn Nurses' Conference. October, Nova Scotia, Canada.
- Taunton, R.L., **Boyle, D.**, Hansen, H., Bott, M., Hope, K., Stafford, R., & Woods, C. (1992). *Impact of Managerial Leadership on Retention of Hospital Staff Nurses*. International Nursing Research Conference, Sigma Theta Tau, May 19-22, Columbus, OH.
- Boyle, D.K.** (1991). *Socialization of New Graduate Nurses in Critical Care*. Scientific Sessions, Sigma Theta Tau International Biennial Convention, November 11-15, 1991, Tampa, FL.

#### **Podium Presentations, Refereed Local and Regional Abstracts (\*denotes student co-author)**

- Carron, R., Kooienga, S.A., Antell, J., Fodder, T., Gilman-Keher, E., Alvero, R., & **Boyle, D.** (2017). *Best Practice Model for Research Approval with American Indian Tribes*. Podium and poster presentation at the NIH IDeA Western Regional Conference, Oct. 18-20, Jackson, WY.
- Carron, R., Kooienga, S.A., Antell, J., Fodder, T., Gilman-Keher, E., Alvero, R., & **Boyle, D.** (2017). *Best Practice Model for Research Approval with American Indian Tribes*. Podium presentation at the Western Institute of Nursing's 50<sup>th</sup> Annual Communicating Nursing Research Conference, April 19-22, Denver, CO.
- Carron, R., Gajewski, B., Alvero, R., & **Boyle, D.** (2015). *Development of a Translational Quality of Life Instrument for American Indian Women with Polycystic Ovary Syndrome*. Poster presentation at The Second Annual Meeting Mountain West CTR-IN, June 8 – 10, Las Vegas, NV.
- Boyle, D.K.**, & Cramer, E. (2013). *The Effect of Longitudinal Changes in Percentage of Specialty Certified RNs on Patient Outcomes in Acute Care Hospitals*. Midwest Nursing Research Society 37<sup>th</sup> Annual Research Conference, March 7-10, Chicago.
- Choi, J., **Boyle, D.K.**, & Dunton, N. (2013). *Nursing Care Hours: Reliability of the Standardized Measure*. Midwest Nursing Research Society 37<sup>th</sup> Annual Research Conference, March 7-10, Chicago.
- Garrard, L., **Boyle, D.**, & Gajewski, B. (2012). *Injury Falls: Getting to Standardized Reporting of Injury Levels*, Midwest Nursing Research Society Annual Research Conference, April 13-16, Dearborn, MI.

**Boyle, D.K.** (2001). *Evaluation of an Intervention to Enhance Nurse-Physician Communication*. Annual Research Conference, Midwest Nursing Research Society, March 4, Cleveland, OH.

Bott, M.J., **Boyle, D.**, Hope, K., Stafford, R., Woods, C., Hansen, H., & Taunton, R.L. (1992). *Retention Differences among Clinical Specialties of Hospital Staff Nurses*. Kansas Nursing Research Exchange, October 2, Kansas City, MO.

Hansen, H., Woods, C.Q., **Boyle, D.**, Hope, K., & Taunton, R.L. (1992). *Effect of Targeted Intervention on Nurse Manager Leadership*. Annual Research Conference, Midwest Nursing Research Society, Chicago, IL.

#### **Invited Podium Presentations (\*denotes student co-author)**

**Boyle, D.K.** & Bergquist-Beringer, S. (2018). *Relationship of Wound, Ostomy, and Continence Certified Nurses and Healthcare-Acquired Conditions in Acute Care Hospitals*. WOCN Society's 50th Annual Conference, June 4, Philadelphia, PA.

**Boyle, D.K.** (Moderator), Orsega, S., Simpson, L., & McBride, S. (2017). *Policy Dialogue: Cost, Quality, and Access: The Future of the Quadruple Aim*. American Academy of Nursing Transforming Health, Driving Policy Conference, October 6, Washington, DC.

Stobinski, J.X. & **Boyle, D.K.** (2016). *The Relationship between Direct Care RN Specialty Certification and Patient Outcomes*. AORN Surgical Conference and Expo, April 6, Anaheim, CA.

**Boyle, D.K.**, Cramer, E., & Stobinski, J.X. (2014). *Think Tank: The Future of Research on the Value of Credentialing in Healthcare*. Pre-conference at the ICE Exchange, Fresh Ideas for the Credentialing Community, November 11, San Antonio, TX.

**Boyle, D.K.** (2014). *Using Data to Improve Quality*. Iverson Memorial Hospital, October 23, Laramie, WY.

**Boyle, D.K.** (2014). Meet the Author (RN workgroup job satisfaction and patient falls in acute care hospital units. *Journal of Nursing Administration*). Tele-presentation for Nursing Research Council, San Francisco General Hospital. March 18.

**Boyle, D.K.** (2014). *Nursing-Sensitive Indicators and Evidence-Based Quality Improvement*. Wyoming Nursing Leadership Institute. February 15, Cheyenne, WY.

Dunton, N., **Boyle, D.K.**, & Cramer, E. (2013). *Reaching to the Core of Success: NDNQI's Latest Research Findings*. Plenary session at the 7<sup>th</sup> Annual American Nurses Association's Nursing Quality Conference: Reaching the Core of Quality. February 6-8, Atlanta, GA.

Crosser, B., Walsh, E., & **Boyle, D.** (2013). *Drilling to the Core of Quality: Understanding and Using NDNQI Reports*. Pre-Conference at the 7<sup>th</sup> Annual American Nurses Association's Nursing Quality Conference: Reaching the Core of Quality. February 6, Atlanta, GA.

**Boyle, D.K.** (2012). *NDNQI Nursing Certification Research Phase II Results*. Fall American Board of Nursing Specialties Assembly, October 6, Chicago, IL.

**Boyle, D.K.** (2012). *Certification Trends and Patient Outcomes: Findings from NDNQI®*. AACN National Teaching Institute, May 21-24, Orlando, FL.

**Boyle, D.K.** (2012) *Positive Practice Environments and Outcomes - What is the Evidence?* Pathways to Excellence Conference Keynote, May 3, Arlington, VA.

**Boyle, D.K.** (2012). Poster discussion moderator for *Nursing Issues in Acute Care I*. Midwest Nursing Research Society Annual Research Conference, April 13-16, Dearborn, MI.

- Boyle, D.K.** (2011). *Using NDNQI Data as Part of Evidence-Based Quality Improvement*. Community Health Network Annual Research Conference, October 26, Indianapolis, IN.
- Boyle, D.K.** (2011). *Certification Data Findings from the NDNQI® Research Project*. Fall American Board of Nursing Specialties Assembly, September 24, Chicago, IL.
- Boyle, D.K.** (2010). *Using NDNQI Data as Part of Your Evidence-Based Toolkit*. 4<sup>th</sup> Annual Evidence-Based Practice – Nursing Research Fall Conference. October 1, Atlanta, GA.
- Boyle, D.K.**, (2010) *Using Nursing Sensitive Data and the Evidence Base to Improve Quality*. Army Clinical Outcomes Programs Conference, July 15, San Antonio, TX.
- Boyle, D.K.**, Dunton, N., & Goodyear-Bruch, C. (2010). *Multiple Uses of the National Database of Nursing Quality Indicators*. Pre-conference the Midwest Nursing Research Society Annual Research Conference, April 8, Kansas City, MO.
- Boyle, D.** (2010). *Consensus Standards for Nursing-Sensitive Care and Implications for Certification*. American Board of Nursing Specialties Spring Conference, March 5, Costa Mesa, CA.
- Gajewski, B.J., Coffland, V., **Boyle, D.K.**, Bott, M.J., \*Leopold, J., \*Oberhelman, F., & Dunton, D. (2010). *Assessing Content Validity through Correlation and Relevance Tools: A Bayesian randomized equivalency experiment*. Invited presentation to Department of Biostatistics, Brigham Young University, January 14, Provo, UT.
- Boyle, D.K.**, Miller, P.A., Gajewski, B.J., & \*Oberhelman, F. (2009). *A Longitudinal Look at RN Job Satisfaction*. Plenary session at the Annual NDNQI Data Use Conference: New Frontiers in Quality Care, January 22, Dallas, TX.
- Dunton, N., & **Boyle, D.K.** (2009). *NDNQI Data: A Multitude of Uses*. Pre-Conference at the Annual NDNQI Data Use Conference: New Frontiers in Quality Care, January 21, Dallas, TX.
- Dunton, N., **Boyle, D.**, Miller, P., Klaus, S., & Gajewski, B. (2008). *RN Certification, Nursing Processes, and Patient Outcomes*. ANCC National Magnet Conference™. October 15-17, Salt Lake City, UT.
- Dunton, N., \*Miller, P., & **Boyle, D.** (2007). *Certification Data in the National Database of Nursing Quality Indicators*. American Board of Nursing Specialties Fall Assembly Meeting. October 6, McLean, VA.
- Dunton, N., **Boyle, D.**, & Klaus, S. (2007). *All That Glitters: New NDNQI Indicators*. First National NDNQI Conference: Transforming Data into Quality Outcomes, January 29-31, Las Vegas, NV.
- Boyle, D.K.**, & \*Miller, P.A. (2007). *RN Job Satisfaction: The Latest from NDNQI*. Plenary session at the First Annual NDNQI Data Use Conference: Transforming Data into Quality Outcomes, January 29-31, Las Vegas, NV.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., & Dunton, N. (2006). *RN Satisfaction with Nursing Leadership: Differences between Magnet and Non-Magnet Hospitals*. Annual Magnet Conference, March 29-31, Miami Beach, FL.
- Boyle, D.K.** (2004). *Nurse-Physician Communication in ICUs*. Grand Rounds, St. Joseph Mercy Health System, July 7, Ann Arbor, MI.
- Boyle, D.K.** & Wilson, J. (2002). *Strategies for Improving Online Discussion*. KU Center for Teaching Excellence, March 6, Lawrence, KS.

Wambach, K., & **Boyle, D.** (1996). *Student/Instructor Communication in the Distance Education Environment*. Presentation for the Multimedia Education Group, University of Kansas Medical Center, November 18, Kansas City, KS.

**Poster Presentations, Refereed National and International Abstracts (\*denotes student co-author)**

Carron, R., Kooienga, S., Gilman-Kehrer, E., **Boyle, D.K.**, & Alvero, R. (2018). *Polycystic Ovary Syndrome in American Indian Women: An Exploratory Study*. October 6-10, Denver.

Cramer, E., **Boyle, D.K.**, Bergquist-Beringer, Cramer, E., Potter, C., Stobinski, J.X. (2018). *Exploring the Relationship between Nursing Specialty Certification and Surgical Site Infections*. Presentation at the AcademyHealth Annual Research Meeting, June, Seattle.

**Boyle, D.K.**, Bergquist-Beringer, S., & Cramer, E., (2015). *The Relationship between Nursing Specialty Certification and Surgical Sites Infections in Acute Care Hospitals*. Sigma Theta Tau International 43<sup>rd</sup> Biennial Convention, November 7-11, Las Vegas, NV.

**Boyle, D.K.**, \*Jiang, Y, Bott, M., Wick., J.A., Yu, Q., & Gajewski, B. (2013). *Expediting Research Via Bayesian Instrument Development (BID)*. CANS Special Topics Conference, Innovative Approaches to Symptom Science: Measurement and Analysis, October 16, Wash., DC.

Park, S.H., & **Boyle, D.K.** (2013). *Unit-level Nurse Turnover Effects on Pressure Ulcer Outcomes: A Longitudinal Study*, AcademyHealth Annual Conference, June 23-25, Baltimore, MD.

**Boyle, D.K.**, Garrard, L. Gajewski, B.J. & Simon. M. (2012) *Are Nurses' Fall Estimates Precise Enough to Be Used as a Proxy Indicator of Fall counts from Incident Reports?* AcademyHealth Annual Conference, June 24-26, Orlando, FL.

Park, S.H., & **Boyle, D.K.** (2012). *A Longitudinal Analysis of Bidirectional Relationships between Unit-level RN Turnover and Job Satisfaction*, AcademyHealth Annual Conference, June 24-26, Orlando, FL.

Choi, J, & **Boyle, D.K.** (2012). *The Association of RN Workgroup Job Satisfaction and Nurse Staffing with Patient Falls on Acute Care Hospital Units*, AcademyHealth Annual Conference, June 24-26, Orlando, FL.

Garrard, L., Miller, P.A., \*Oberhelman, F., & **Boyle, D.K.** (2011). *Direct Care RNs with Specialty Certifications in Acute Care Hospitals*. 5<sup>th</sup> Annual NDNQI Conference, January 26, Miami, FL.

\*Kemper, C., **Boyle, D.**, & Dunton, N. (2008). *Impact of Work Unit and Organizational Support on Hospital Patient Safety*. National Association for Healthcare Quality, September 14-17, Scottsdale, AZ.

**Boyle, D.K.**, Miller, P.A., Gajewski, B.J., Klaus, S. F., & Dunton, N. (2008). *Association of Unit Prevalence of Foreign Educated Nurses with Nursing Processes and Patient Outcomes*. 25<sup>th</sup> AcademyHealth Annual Research Meeting, June 8-10, Washington, DC

Miller, P.A., **Boyle, D.K.**, Gajewski, B., Bott, M., & Dunton, N. (2008). *A Multilevel Model of RN Workgroup Intent to Stay*. 25<sup>th</sup> AcademyHealth Annual Research Meeting, June 8-10, Washington, DC.

Thurmond, V.A., Patrician, P., Cooper, M., & **Boyle, D.** (2008). *Evaluating the Presence of Compassion Fatigue among Health Care Providers Caring for Traumatic Amputees*. 15<sup>th</sup> Phyllis J. Verhonick Nursing Research Course. May 12-15, San Antonio, TX.



- Gajewski, B., Coffland, V., **Boyle, D.**, & Bott, M. (2008). *Integrated Analysis of Content and Construct Validity of Psychometric Instruments*, 2008 Bayesian Biostatistics Conference, January 31, Houston, TX.
- Dunton, N., Gajewski, B., \*Miller, P., **Boyle, D.**, & Duncan, J. (2007). *Nursing Foundations for Patient Care Reduce the Incidence of Patient Falls*. International Nursing Administration Research Conference, Nursing Architects: Leaders Designing the Future. October 17-20, Indianapolis, IN.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B.J., Klaus, S., Goodyear-Bruch, C., & Dunton, N. (2007). *The Effect of Certified RNs on Workgroup Satisfaction and Perceived Quality of Care in Critical Care Units*. American Association of Critical-Care Nurses National Teaching Institute, May 19-24, Atlanta, GA.
- Boyle, D.K.**, & Bleich, M.R. (2007). *Leadership: A Critical Competency for Doctoral Graduates*. American Association of Colleges of Nursing Doctoral Education Conference, January 24-27, Captiva Island, FL.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., Klaus, S.F., & Dunton, N. (2006). *Effect of RN Staffing on RN Workgroup Satisfaction*. AcademyHealth Annual Research Meeting, June 25-27, Seattle, WA.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., & Dunton, N. (2005). *RN Satisfaction: Evidence from the National Database of Nursing Quality Indicators*. AcademyHealth Annual Research Meeting, June 26-28, Boston, MA.
- \*Elliott, C., & **Boyle, D.K.** (2003). *Group Level Reliability and Validity of the NDNQI-Adapted Index of Work Satisfaction*. Biennial Convention, Sigma Theta Tau, International, November 1-5, Toronto, Ontario.
- \*Thompson, R., **Boyle, D.**, & Mosier, M. (2000). *Assessment of Family Needs in the Burn Patient Population Utilizing the Critical Care Family Needs Inventory*. American Burn Association Annual Meeting, March 14-17, Orlando, FL.
- \*Kochinda, C., & **Boyle, D.K.** (1999). *An Intervention to Enhance Nurse-Physician Communication and Collaboration in Intensive Care Units*. National Conference on Nursing Administration Research, November, San Diego, CA.
- Boyle, D.K.**, Smith, B.L., Beezley, L., & \*Kochinda, C. (1999). *Evaluation of an Intervention to Enhance Nurse-Physician Collaboration in Intensive Care Units (ICUs)*. Society of Critical Care Medicine's 28<sup>th</sup> Educational and Scientific Symposium, January 23-27, San Francisco, CA. [Abstract published in *Critical Care Medicine*, 27(1 Suppl.), A100.]
- Boyle, D.**, & \*Smith, B. (1997). *Enhancing Nurse-Physician Leadership and Collaboration in ICUs*. National Conference on Nursing Administration Research, October 30 - November 1, Kansas City, MO.
- Boyle, D.K.** (1991). *Socialization of New Graduate Nurses in Critical Care*. American Association of Critical-Care Nurses National Teaching Institute and Critical Care Exposition, May 14-16, Boston, MA.
- Taunton, R.L., Woods, C.Q., **Boyle, D.K.**, & Hansen, H.E. (1990). *OPTIMAX: Nursing Retention Research*. American Organization of Nurse Executives Annual Meeting, May 15-18, Baltimore, MD.

#### **Poster Presentations, Refereed Local and Regional Abstracts (\*denotes student co-author)**

- Carron, R., Gajewski, B., Alvero, R., & **Boyle, D.K.** (2015). *Development of a Translational Quality of Life Instrument for American Indian Women with Polycystic Ovary Syndrome*. Abstract accepted for poster presentation. Mountain West CTR-IN Meeting, June 8-10, Las Vegas, NV.

- Boyle, D.K.**, Gajewski, B.J., Burman, M.E., & Gatua, M.W. (2014). *Estimating Quality in Rural and Urban Hospitals Using a Composite Indicator*. Western Institute of Nursing Communicating Nursing Research Conference, April 10-12, Seattle, WA.
- Wambach, K., **Boyle, D.K.**, Garrard, L., Bronaugh, D., & Dunton, N. (2013). *Development and Testing of Registered Nurse Staffing Indicators for Postpartum Units*. Midwest Nursing Research Society 37<sup>th</sup> Annual Research Conference, March 7-10, Chicago.
- Gajewski, B.J., Bott, M., **Boyle, D.K.**, \*Jiang, Y., Yu, Q. (2012). *Expediting Clinical and Translational Research via Bayesian Instrument Development (BID)*. Frontiers 2012 Research Symposium, May 31, Kansas City, KS.
- \*Oberhelman, F.E., Gajewski, B.J., Coffland, V., **Boyle, D.K.**, Bott, M., & Dunton, N. (2011). *Bayesian Methodology Application: Measuring Equivalence between Two Rating Scales*. Midwest Nursing Research Society Annual Research Conference, March 25-27, Columbus, OH.
- \*Dudley, K., **Boyle, D.K.**, Staggs, V., & Miller, P.A. (2011). *The Relationship between Nurses' Meal Breaks and the Rate of Injury Falls and Hospital Acquired Pressure Ulcers on Medical Units*. Midwest Nursing Research Society Annual Research Conference, March 25-27, Columbus, OH.
- Boyle, D.K.**, Miller, P.A., Gajewski, B.J., Klaus, S. F., & Dunton, N. (2008). *Association of Unit Prevalence of Foreign Educated Nurses with Nursing Processes and Patient Outcomes*. Kansas Nursing Research Exchange, November 7, Topeka, KS.
- Dunton, N., Gajewski, B., Miller, P., **Boyle, D.**, & Duncan, J. (2008). *Practice Environment Subscales and the Incidence of Patient Falls*. Kansas Nursing Research Exchange, November 7, Topeka, KS.
- \*Miller, P., **Boyle, D.**, & Gajewski, B. (2008). *Workgroup Level Measurement Model for RN Intent to Stay in Current Job*. Midwest Nursing Research Society Annual Research Conference, March 28-31. Indianapolis, IN.
- \*Rentz, A., & **Boyle, D.K.** (2006). *RN-Physician Collaboration: An Important Role in Nurse Intent to Stay and Quality Patient Care*. Annual Research Conference, Midwest Nursing Research Society, March 31-April 3, Milwaukee, WI.
- Boyle, D.K.**, \*Miller, P.A., Gajewski, B., & Dunton, N. (2005). *RN Satisfaction: Evidence from the National Database of Nursing Quality Indicators*. KS Nursing Research Exchange, Nov. 4, Overland Park, KS.
- Boyle, D.**, & \*Kochinda, C. (2000). *Evaluation of an Intervention to Enhance Nurse-Physician Communication and Collaboration in Intensive Care Units*. Kansas Nursing Research Exchange, October 20, Kansas City, KS.
- \*Smith, B.L., & **Boyle, D.K.** (1999). *A Simulation Vignette to Measure Nurse-Physician Collaboration*. Annual Research Conference, Midwest Nursing Research Society, April 9-12, Indianapolis, IN.
- Boyle, D.**, & \*Smith, B. (1997). *Enhancing Nurse-Physician Leadership and Collaboration in ICUs*. Kansas Nursing Research Exchange, September 26, Wichita, KS.
- Wallace, D.C., & **Boyle, D.K.** (1994). *In-Home and Community Service Use by Elders with Heart Disease and Hypertension*. Southern Nursing Research Society Conference, February 24-26, Chapel Hill, NC.
- Taunton, R.L., Woods, C.Q., **Boyle, D.K.**, & Hansen, H.E. (1991). *Nurse Managers, Nurse Retention, Patient Outcomes*. University of Missouri-Kansas City Annual Nursing Research Day, Kansas City, MO.
- Taunton, R.L., Woods, C.Q., **Boyle, D.K.**, & Hansen, H.E. (1990). *Nurse Managers, Nurse Retention, Patient Outcomes*. Kansas Nursing Research Exchange, October 5, Kansas City, MO.

**Boyle, D.K.** (1989). *A Study of What It Is Like to Be a New Graduate Nurse in a Critical Care Unit*. Annual Research Conference, Midwest Nursing Research Society, April 2-4, Cincinnati, OH.

**Boyle, D.K.** (1989). *A Study of What It Is Like to Be a New Graduate Nurse in a Critical Care Unit*. Greater Kansas City Chapter of the American Association of Critical Care Nurses, Feb. 23, Kansas City, MO.

#### Poster Presentations – Other (\*denotes student co-author)

**Boyle, D.K.**, Bergquist-Beringer, S., & Cramer, E., (2016). *The Relationship between Nursing Specialty Certification and Surgical Sites Infections in Acute Care Hospitals*. Abstract submitted for the College of Health Sciences Research Day, April 15, Laramie, WY.

\*Grannon, S., & **Boyle, D.K.** (2015). *Understanding Patient Perceptions and Risk for Hepatitis C Screening*. Research & Information Exchange, Western Institute of Nursing 48<sup>th</sup> Annual Communicating Nursing Research Conference, April 22-25, Albuquerque, NM.

\*Mann, A., & **Boyle, D.K.** (2015). *Depression Screening in Primary Care and Impact on Suicide Prevention*. Research & Information Exchange, Western Institute of Nursing 48<sup>th</sup> Annual Communicating Nursing Research Conference, April 22-25, Albuquerque, NM.

#### Works in Progress

##### Manuscripts

Parnell, T.A., Stichler, J.F., Barton, A.J., Loan, L.A., **Boyle, D.K.**, & Allen, P.E. (resubmitted). A concept analysis of health literacy. Target journal: *Nursing Forum*.

**Boyle, D.K.**, Baernholdt, M., Adams, J., McBride, S., Harper, E., Poghosyan, L., & Manges, K. Improve nurses' well-being and joy in work: Implement true interprofessional teams and address electronic documentation systems usability issues. Has been submitted to the American Academy of Nursing BOD for the policy pages of *Nursing Outlook*.

##### Book

*Nurses Contributions to Quality Health Outcomes* (working title); Diane K. Boyle and Marianne Baernholdt, Co-Editors. 5 sections and 15 chapters. Springer Nature.

#### Undergraduate and Graduate Research Supervision

##### Plan B Oral Comprehensive Exam Committee Member - University of Wyoming

<u>Year</u>	<u>Students</u>
Spring 2018	Madeline Carlson: External Member (Communication Disorders)
Spring 2017	Sarah Gwinn: External Member (Communication Disorders)
Spring 2016	O'Donnell, Brooke: External Member (Communication Disorders)
Spring 2015	Harris, Sherry: External Member (Communication Disorders)

##### Advisor, Master's Research Project – University of Kansas

<u>Academic Year</u>	<u>Students</u>		
1995-1996	Miller, Peggy		
1996-1997	Alexander, Jennifer Crabtree, Cynthia	Parkins, Linda Pearl, Claire	Shik, Nina Skinner, Lynn

<u>Academic Year</u>	<u>Students</u>		
	Moore, Cynthia Neis, Frederich	Rhea, Kelly	Wilcox, Tamsen
1997-1998	Curtin, James Kavalir, Mary Ann	Kazmaier, Craig	Lowe, Lisa
1998-1999	Flakus, Barbara		
1999-2000 2000-2001	Henderson, Rowena Benitezsarol, Elois	Stutzman, Serena	Utech, Laura
2001-2002	Carlson, Lindsey Mesmer, Pennie	Miller, Steven Petty, Deborah	Steiner, Stacy
2002-2003	Ertzbischoff, Lisa Hoover, Sandra	Samuelson, David	Zamarripa, Rachel
2003-2004	Zollinger, Leigh		
2005-2006	Lillich, Laura		
2006-2007	Baker, Julie	Jeffrey, Courtney	Richardson, Kim
2007-2008	Anderson, Jessica	Smith, Allison	Tajeron, Sonia
2008-2009	Bauer, Jaclyn		
2009-2010	Davidson, Laura		
2010-2011	Broich, Eileen Nickel, Brenda	Thompson, Barbara	Wilson, Amanda
2011-2012	Borthwick, Regina Jarvis, Kristen	Nugent, Lauren	Robertson, Brianna
2012-2013	Burdiek, Melissa	Evans, Samantha	West, Debbie

### **Masters Theses - University of Kansas**

#### **Chair**

Thompson, Rosemarie. *Assessment of Family Needs in the Burn Patient Population*. Completed February 1999. Funded by the International Association of Fire Fighters Burn Foundation and the Mid-Continent Burn Foundation.

#### **Committee Member**

Domaleski, Robert F. *A Comparison of the Health Promotion Lifestyle Behaviors of Users of Smoking Tobacco, Users of Smokeless Tobacco, and Non-Users of Tobacco*. Completed May 1994.

Nelson, Eileen. *Interdisciplinary Team Collaboration*. Completed July 1995.

Thompson, Robert. *A Comparison of Pulmonary Artery Pressure in Supine and Lateral Positions*. Completed July 1995.

## DNP Projects - University of Wyoming

### Advisor

<u>Academic Year</u>	<u>Student(s)</u>	<u>Title</u>
2018-2019	Kelsie Anderson & Whitney Edinger	Decreasing Inappropriate Use of the ED at a Regional Medical Center
	Abby Arross	Improving Health Care for the Homeless
	Randy Baxter & Jeff Shideman	Improving A1C and Hypertension Control at an FHQC
	Sara Parsons & Jennifer Wagy	Improving Referrals to a Primary Care Provider of Patients Visiting Urgent Care
	Carolyn Pignataro	Improving Family Engagement in a Community Mental Health Center's First Episode Psychosis Program
Sherra St. Clair	Improving Patient Flow for ED to Inpatient Psychiatric Unit/Behavioral Health Services Admission Process	
2017-2018	Annalise Forsythe & Dana Thrash	System Improvement for Adolescent Depression Screening
	Tami Mason	Increasing Rates of Colonoscopy Completion in a Federally Qualified Health Center
	Rebecca Samberg & Nichole Taylor	Reconfiguration of System Practices for a Depression Screening Protocol
	Monica Teichert & AnnMarie Wilson	Provider Burnout and Electronic Health Record Inbox Messaging
Laura VanBrocklin	Quality Improvement Approach to Improved Cardiac Rehabilitation Adherence	
2016-2017	Armstrong, Teddi & Hacker, Courtney	Identifying Roadblocks to Mental Health Care: A Quality Improvement Project in Rural Oregon
	Felton, Anna	Native American Women's Attitudes and Perceptions of Women's Health and PCOS on the Wind River Indian Reservation
	Nielson, Haley	System Improvement for Health Literacy Screening
	Husman, Jennifer	Association of Resilience and Health-Related Quality of Life in Adults with Adverse Childhood Experiences
	Kuster, James & Smith, Sarah	Telemental Health: A Systematic Review of Systematic Reviews
Wilkens, Amy	Examination of Physicians' Perceptions of Nurse Practitioners in Primary Care	
2015-2016	Bennion, Brandon & Jackman, Sara	Benefits and Downfalls of Scope of Practice Laws on the Quality of Care Provided by Nurse Practitioners: A Systematic Review

<u>Academic Year</u>	<u>Student(s)</u>	<u>Title</u>
	Charlson, Diana	System Improvement for Screening for Obstructive Sleep Apnea at Yearly Appointments
	Simon, Nellie	Evaluation of Assessment, Diagnosis, and Management of Women with Polycystic Ovary Syndrome by Nurse Practitioners: A Pilot Study
	Thompson, Teresa & Wright, Aaron	System Improvement for Depression Screening
2014-2015	Crawford, Kurtis	An Integrative Review of Factors Contributing to Successful Shared Appointments for Persons with Type 2 Diabetes
	Grannan, Sheriedan	Understanding Patient Perceptions and Risk for Hepatitis C Screening
	Little, Laci & Thompson, Joslyn	Factors in the Initiation and Longevity of Breastfeeding in Adolescent Mothers
	Mann, Anne-Marie	Barriers and Facilitators of Depression Screening in Primary Care and Impact on Suicide Prevention: An Integrative Review
	Thompson, Dyan	Enhancing Childbirth Satisfaction through a Brief, Targeted Educational Intervention

**DNP Projects - University of Kansas  
Committee Member**

<u>Academic Year</u>	<u>Student(s)</u>	<u>Title</u>
2009-2010	Julian, Dawn	Partners in care: Quantifying Patient and Staff Responses to a New Model of Care Delivery
2009-2010	Vail, Lisa	Coherent Leadership: A Theoretical Analysis and Implications for Nurse Executive Organizational Commitment and Intent to Stay

**Dissertations - University of Kansas**

**Chair**

Decker, Carole. *Health Decision Aids During Clinical Decision Making: Statistical Models for Predicting Patient Status and Survival*. Completed April 2004. Recipient of the 2004 School of Nursing Millennium Scholar Research Award.

Elliott, Carol. *Using Aggregated Micro-Level Data as Measures of Macro-Level Phenomena: The Case of the NDNQI RN Satisfaction Survey*. Completed April 2006.

Gharaibeh, Beshar. *Testing a Conceptual Framework for Self-Care in Persons with Diabetes: The Effect of Depression*. Completed June 2012. Recipient of the 2011 Ruth O. McKibben Alumni Research Award and the Inaugural 2012 Sousa Award of Excellence.

Kemper, Carol. *Impact of Work Unit and Organizational Support on Hospital Patient Safety*. Completed January 2009. Recipient of the 2008 KU Alumni Nurses Association PhD Research Award; 2008 SON Millennium Scholar Research Award; 2009 Melba Carter Dissertation Prize; 2009 Taunton Medal, Student Research Forum.

Miller, Peggy. *A Multilevel Model of RN Workgroup Intent to Stay*. Completed October 2008.  
Recipient of the 2007 School of Nursing Millennium Scholar Research Award.

Morse, Virginia. *Structure, Process, & Outcome for Pain Management of Adult Patients with Rib Fractures in Two Trauma ICUs*. Completed December 2003.

Ross, Vicki. *Central Venous Catheter Related Infections and the Systemic Inflammatory Response*. Completed April 2003. (Co-chair with Carol Smith). Recipient of the 2001 KU Alumni Nurses Association PhD Research Award, 2003 SON Millennium Scholar Research Award, and 2003 Melba Carter Dissertation Award.

Sakulkoo, Suwadee. *Factors Influencing Nursing Turnover and Intent to Stay in Renal Dialysis Units*. Completed August 2002.

#### **Committee Member**

Al-Omari, Hasan. *Acculturation and Smoking among Arab Americans*. Completed April 2007.

Bradley, Katherine. *The Application of Item Response Theory to Nursing Job Satisfaction*. Completed September 2000.

Colgrove, Susan. *The Relationships among Nursing Unit Structure, Autonomy, Professional Job Satisfaction, and Nurse-Patient Interaction in Ambulatory Care Clinics*. Completed June 1992.

Khatar, Wejdan. *United States Muslim Physicians' Attitudes towards Withholding and Withdrawing Life Sustaining Treatment: A Qualitative Study*. Completed October 2005.

Kochinda, Chiemi. *Psychometric Evaluation of the Style of Helping Scale, the Intensity of Help Scale, and the Threat-Support Scale*. Completed March 2000.

Ohm, Ruth. *Is Poor Symptom Perception a Predictor of Poor Adherence to Controller Medication among Adults with Asthma?* Completed December 2004.

Pierotti, Danielle. *Hospital Acquired Pressure Ulcers in Oncology Units: A Moderated Mediation Analysis of the Nurse-Patient Relationship*. Ongoing

Spaniol, Robert. *Resource Use among Families Managing Technologically Complex Care at Home*. Completed April 2002.

Thurmond, Veronica. *Examination of Interaction Variables as Predictors of Students' Satisfaction and Willingness to Enroll in Future Web-Based Courses While Controlling for Student Characteristics*. Completed February 2003.

#### **Supervised Research, Other - University of Kansas**

<u>Academic Year</u>	<u>Student</u>	<u>Research Activity (level)</u>
1998-1999	Morse, Virginia	Research Experience (doctoral)
2001-2002	Campbell, Carole	Research Experience (doctoral)
2002-2003	Elliott, Carol	Research Experience (doctoral)
2003-2004	Archer, Erin	Honors Research Practicum (undergraduate)
2003-2004	Kim, Lydia	Deans Scholar Research Project (undergraduate)
2005-2006	Rentz, Abby	Honors Research Practicum (undergraduate)
2010-2011	Dudley, Kayla	Honors Research Practicum (undergraduate)
2011-2012	Pierotti, Danielle	Research Experience (NEXus PhD student)
2012-2013	Brady, Douglas	Honors Research Practicum (undergraduate)

### Post-Doctoral Fellow Supervision - University of Kansas

Chenjuan Ma, PhD, RN *National Database of Nursing Quality Indicators Patient Days Reliability Study*. January – June 2013

Shin Hye Park, PhD, RN. *National Database of Nursing Quality Indicators Voluntary Turnover Reliability and Validity Study*, August 2011 – June 2013.

Jisun Choi, PhD, RN: *National Database of Nursing Quality Indicators Nursing Care Hours Reliability and Validity Study*, January 2011 – January 2012.

Sara E. Hart, PhD, RN: *National Database of Nursing Quality Indicators Hospital Member Bias Analysis*, July 2005 - June 2006. Funded by the KUMC Biomedical Training Grant Scholars Program.

### Teaching Grant - University of Wyoming

2014 *Designing Your First-Year Seminar (FYS)*. John P. Ellbogen Summer Faculty Institute. University of Wyoming, \$1,000.

### Teaching - University of Wyoming

Semester & Year	Course Prefix & Number	Course Title	Enrollment	Credits	On-Campus/Distance	Contribution, if team taught
Sp 2019	NURS 5840	DNP Leadership in Advanced Practice Nursing	13	3	Distance	100%
Sp 2019	NURS 5892	DNP Project II	18	3	Distance	50% Co-Instructor
Fall 2018	NURS 5440	Science of Quality Improvement & Safety	26	3	Distance	100%
Fall 2018	NURS 5891	DNP Project I	18	3	Distance	50% Co-Instructor
Sp 2018	NURS 1101	First Year Seminar Should Health Care Fly?	22	3	On-Campus	100%
Sp 2018	NURS 5892	DNP Project II	16	3	Distance	50% Co-Instructor
Fall 2017	NURS 5891	DNP Project I	14	3	Distance	50% Co-Instructor
Sp 2017	NURS 1101	First Year Seminar Should Health Care Fly?	13	3	On-Campus	100%
Sp 2017	NURS 5892	DNP Project II	16	3	Distance	50% Co-Instructor
Fall 2016	NURS 5891	DNP Project I	16	3	Distance	50% Co-Instructor
Sp 2016	NURS 1101	First Year Seminar Should Health Care Fly?	12	3	On-Campus	100%
Sp 2016	NURS 5892	DNP Project II	10	3	Distance	50% Co-Instructor



Fall 2015	NURS 5891	DNP Project I	10	3	Distance	50% Co-Instructor
Sp 2015	NURS 5892	DNP Project II	12	3	Distance	50% Co-Instructor
Fall 2014	NURS 5891	DNP Project I	12	3	Distance	50% Co-instructor

## Teaching - University of Kansas

### Undergraduate Courses

Honors Seminar, 1 Credit, Spring 2002, 2003, 2004 (Junior level)

Professional Practicum, 5 Credits, Spring 1999 (Senior level)

### Graduate Courses

Theories for Practice II: Organization, Community, Culture, and Society, Summer 2002, 2003, 2004  
Classroom (Master's level)

Health Care Research, 3 Credits, Fall 1996, 1999, 2000, 2001, 2003 Online; Summer 1999, 2000, Spring  
2001 Classroom (Master's level)

Adult Nursing: Maintenance of Integrity, 5 Credits, Spring 1995, 1997 Classroom (Master's level)

Adult Nursing: Physical/Chemical Balance, 4 Credits, Fall 1994, 1995 Classroom (Master's level)

Measurement in the Evaluation of Health Services, 3 Credits, Fall 1998, 2003 Classroom (Outcomes  
Certificate Program, Masters & Doctoral level)

Evaluation and Analysis for Healthcare Effectiveness, 2 credits, Spring 2004 Classroom; Spring 2005, 2006,  
2007, 2008, 2009, 2010, 2011 Online (Master's level)

Preparing for Doctoral Leadership, 3 credits, Fall 2006 Online and Classroom; Fall 2007, 2008 online  
(Doctoral level)

Measurement Principles and Practice, 3 credits, Spring 2007 Online and Classroom; Spring 2008, 2009  
online (Doctoral level)

Measurement Strategies in Nursing Research I, 3 Credits, Fall 1997, 2003, 2005 Classroom (Doctoral level)

Measurement Strategies in Nursing Research II, 2 Credits, Spring 1996, 1998, 2000, 2002, 2004, 2006  
Classroom (Doctoral level)

Issues and Methods in Health Services Research, 2 Credits, Spring 1996, Summer 2001 Classroom  
(Doctoral level)

### Editorial Activities

07/15 Reviewer, *Journal of the American Psychiatric Nurses Association*

07/15 – present Reviewer, *Journal of Research in Nursing*

06/15—present Reviewer, *Nursing Outlook*

09/13—present Reviewer, *American Journal of Critical Care*

06/13—present Reviewer, *Health Care for Women International*

01/12—present Reviewer, *Western Journal of Nursing Research*

10/08—present Reviewer, *Journal of Applied Gerontology*

04/03—present Reviewer, *Journal of General Internal Medicine*

04/03—present Reviewer, *Annals of Internal Medicine*

08/00–present	Reviewer, <i>Research in Nursing &amp; Health</i>
03/99–present	Reviewer, <i>Medical Care</i>
08/96–present	Reviewer, <i>Heart &amp; Lung</i>
04/95–12/04	Editorial Board and reviewer, <i>Journal of Nursing Measurement</i>

### Grant and Abstract Reviews

2014	Abstract reviewer for 2014 State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science
2013	Abstract reviewer for 2014 Western Institute of Nursing Annual Research Meeting
2010–present	Reviewer, American Nurses Association Research Council applications for use of National Database of Nursing Quality Indicators data in research projects
2008	Abstract reviewer for 2009 National Database of Nursing Quality Indicators Annual Data Use Conference
2006	Abstract reviewer for 2007 National Database of Nursing Quality Indicators Annual Data Use Conference
1999–2002	Reviewer, Society of Critical Care Medicine, Norma J. Shoemaker Research Grant applications
1997–2003	Reviewer, Sigma Theta Tau, International. 1997 Sigma Theta Tau, International/Emergency Nursing Foundation Grant Applications 1997 Sigma Theta Tau, International Small Grants Applications 1997 Virginia Henderson Clinical Research Grant Applications 1997 Sigma Theta Tau, International/ American Association of Critical-Care Nurses Grant Applications 1998 Sigma Theta Tau, International 10 <sup>th</sup> International Nursing Congress, Netherlands, Abstract Reviewer 1998 Collateral Reviewer Applications 1998 Sigma Theta Tau, International/ Rehabilitation Nursing Foundation Grant Applications 1998 Sigma Theta Tau, International/ American Association of Critical-Care Nurses Grant Applications 1999 Sigma Theta Tau, International 11 <sup>th</sup> International Nursing Congress, London, Abstract Reviewer 1999 International State of Science Congress, Washington, DC, Abstract Reviewer 1999 Sigma Theta Tau, International Small Grants Applications 2000 Sigma Theta Tau, International/American Nurses' Foundation Applications
1996-1998	Abstract Reviewer, Annual Research Conference, Midwest Nursing Research Society
1995	Abstract Reviewer, 6 <sup>th</sup> National Conference on Nursing Administration Research
1993	Abstract Reviewer, American Nurses' Association Council of Nurse Researchers Scientific Sessions

### Program Planning Committees

2006 - 2008	Program Planning Committee for the NDNQI Annual Data Use Conference
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### Consultation (Selected – last 10 years)

- 2013-2016      Consultant for adaptation and validation of a Nutrition Literacy Assessment Instrument, Heather Gibbs, PhD, RD, Principal Investigator, University of Kansas School of Health Professions. Provided advice regarding adaptation and content validity. Funded by NIH, Eunice Kennedy Shriver National Institute of Child Health and Human Development, 1R03HD081730-01A1.
- Publication: Gibbs, H. D., Harvey, S., Owens, S., **Boyle, D.**, & Sullivan, D.K. (2017). Engaging experts and patients to refine the Nutrition Literacy Assessment Instrument. *BMC Nutrition*. Available at <https://bmcnutr.biomedcentral.com/articles/10.1186/s40795-017-0190-y>
- 2013-present      Nurse Scientist Consultant/Instrument Development Expert. *Medicaid Waiver Functional Eligibility Instrument – KanCare*. Rosemary Chapin, PhD, Principal Investigator, University of Kansas. Contract from Kansas Department for Aging and Disability Services. Provide advice on psychometric analyses.
- 2012              Consultant for psychometric analysis of the Emotional Tone Rating Scale, Kristine Williams, PhD, RN, Principal Investigator, University of Kansas School of Nursing. Provided data analysis plan, data analysis, and data interpretation. Participated in manuscript preparation. Work was part of NIH funded program of research about interventions designed to improve communication between nursing home staff and residents.
- Publication: Williams, K.N., **Boyle, D.K.**, Herman, R.E., Coleman, C.K., & Hummert, M.L. (2012). Psychometric analysis of the Emotional Tone Rating Scale: A measure of person-centered communication. *The Clinical Gerontologist*, 35, 376-389.
- 2008-2010      Consultant to Robert Wood Johnson Foundation *Interdisciplinary Nursing Quality Research Initiative (INQRI) Grant, The Effects of Nurse Presenteeism on Quality of Care*, Susan Letvak, PhD, RN, Principal Investigator. Provided expertise with survey design, interpretation of findings, and policy implications.

### Professional Activities

AcademyHealth, 1991-present

Board Member, Interdisciplinary Research Group on Nursing Issues, 2006-2008

American Academy of Nursing, 2014-present

Member, Expert Panel on Quality Health Care, 2014-present

Lead Co-Chair, Expert Panel on Quality Health Care, 2018

Co-Chair, Expert Panel on Quality Health Care, 2017

Co-Chair Appointee, Expert Panel on Quality Health Care, 2016

Member, Quality Health Care Task Force on Health Literacy, Summer 2015-present

Co-Chair, Planning Committee of Policy Dialogue. *Cost, Quality, and Access: The Future of the Quadruple Aim*, October 6, 2017. April 2017-present.

American Association of Critical-Care Nurses (AACN), 1982-2003, 2006-present

President, Central Savannah River Area (CSRA) Chapter, 1992-1993

Chair, Second National Study Group, 1990-1993

Invited participant, AACN National Research Priorities Consensus Conference, 1991

Member, Greater Kansas City Chapter, intermittently 1985-2013

American Nurses' Association (ANA), 1977-present

- Wyoming Nurses Association (WNA) member, 2013-present
- Wyoming Nursing Leadership Institute guest faculty, 2014
- President, Southeast Region, January - December 2016
- WNA Board Member, January – December 2016
- Deposition on selected National Database of Nursing Quality Indicators' RN Survey work context items, measurement expert, May 2012
- ANA National Nursing Research Council, 2010-2014
- Program Planning Committee for the NDNQI Annual Data Use Conference, 2006-2008
- Kansas State Nurses' Association member, 1994-2013
- Georgia Nurses' Association member (GNA), 1990-1994
- 2nd Vice-President, District 10, 1992-1993
- Chair, District 10 Newsletter Committee, 1991-1993
- GNA Program Review Committee member, March-September 1991
- Item Writer for the American Nurses Credentialing Center Medical-Surgical Clinical Nurse Specialist Certification Exam, 1986-1987

Council for the Advancement of Nursing Science, 2014-present

- Member, Nominating Committee (elected position), 2015-2016

Hawaii Heart Association, Sub-Committee on Nurses' Education member, 1983-1985

Kapiolani Community College (Honolulu, HI) Nursing Advisory Board member, 1983-1985

Midwest Nursing Research Society, 1995-2013

Phi Kappa Phi, 1974-present

Sigma Theta Tau, International 1974-present

- Alpha Pi Chapter member, 2013 – present
- Chapter delegate to Biennial Convention, 2013, 2015
- Governance Committee Chair, 2014 – present

Delta Chapter member, 1985-1990, 1994-2013

- Member, Research and Awards Committee, 1996-97
- Graduate Counselor, 1997-1999
- Beta Omicron Chapter member, 1990-1994
- Pi Chapter member, 1974-1985

Society of Critical Care Medicine, 1997-2013

Southern Nursing Research Society, 1990-1994

Western Institute of Nursing (WIN), 2013-present

- University of Wyoming Institutional Representative to WIN, 2013-2016
- Membership Committee Member, 2013-2016

**Service to the University of Wyoming**

- 2017 - present Member, Graduate Council
- 2017-2018 Member, Research Advisory Committee
- 2016 - 2017 Member, University of Wyoming Strategic Planning Leadership Council

2016 – 2017     Member, University Reappointment, Tenure, and Promotion Committee  
2013 – 2015  
2017 - present  
2015 - present     Wyoming INBRE Statewide Steering Committee  
2014                 Judge, Wyoming State Science Fair

**Service to the College of Health Sciences**

2017– present     Member, CHS Dean Search Committee  
2015, March       Member, Wyoming Institute on Health Research & Development Planning Committee

**Service to the Fay W. Whitney School of Nursing (FWWSON)**

2016, Spring       Chair, RN-BSN Completion and ReNew Coordinator Search Committee  
2015, Sept –       Coordinator, Writing Club  
2016, May  
2014, Sept –       Coordinator of faculty members' development of program of research: 5 slides in 5  
2016, May           minutes  
2014, Sept. –       Chair, Task Force for Redesign of FWWSON Reappointment, Promotion and Tenure  
2016, May           Criteria  
2014, 2015         Member, Interview Team for Aspire Applicants  
2014                 Member, Readmission Committee  
2014                 Chair, Psychiatric, Mental-Health Nurse Practitioner Clinical Faculty Search Committee  
2014, Jan.         Lunchbox presentation: *Using Data as Part of Evidence-Based Quality Improvement*  
2013-2014         Member, Tenure Track Faculty Search Committee  
2013 - 2016         Member, Professional Development Committee 2013-2014, 2015-2016  
Chair, Professional Development Committee 2014-2015  
2013 – present     Member, Leadership Council