

## Curriculum Vitae

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### **EDUCATION**

2012	DNP - Health Innovation and Leadership, University of Minnesota School of Nursing, Minneapolis, MN
1990	M.A. - Nursing Administration, University of Iowa College of Nursing, Iowa City, IA
1982	B.S.N. - Nursing, University of Iowa College of Nursing, Iowa City, IA

### **PROFESSIONAL WORK EXPERIENCE**

2024-present	Adjunct Assistant Professor, College of Nursing, University of Iowa, Iowa City, IA.
2012-present	Evidence-Based Practice Scientist, Nursing Research, Evidence-Based Practice, and Quality, University of Iowa Hospitals and Clinics, Iowa City, IA.
1998-2012	Evidence-Based Practice Coordinator, Nursing Research, Evidence-Based Practice, and Quality, University of Iowa Hospitals and Clinics, Iowa City, IA.
2000-2024	Clinical Adjunct Instructor, College of Nursing, University of Iowa, Iowa City, IA.
2003-2006	Program consultant, Veterans Affairs VISN 23 Evidence-Based Practice Network grant, VA Iowa City Health Care System, Iowa City, IA.
1999-2000	Project Manager, Pulmonary Rehabilitation Using Telehealth Technology: Preliminary Study. PI: M. Titler, PhD, RN, FAAN. Pilot study funding from the GNIRC at the College of Nursing, University of Iowa, Iowa City, IA.
1993-1998	Advanced Practice Nurse: Clinical Nursing Specialist, MICU & IPCU, University of Iowa Hospitals and Clinics, Iowa City, IA.
1992-1997	Co-investigator, Uniform Needs Assessment Instrument testing, Interagency research team, Rochester, MN.

1992-1993	Home Care Client Satisfaction Instrument development and testing, Shamrock In-Home Nursing Care, Rochester, MN; partial funding from Minnesota Nurses Association.
1992-1993	Database testing and analysis (NMDS), Shamrock In-Home Nursing Care, Rochester, MN.
1991-1993	Consultant, American Nurses Association, Washington, D.C.
1991-1993	Research Assistant, Shamrock Care Options, Rochester, MN.
1991-1993	Staff Nurse (per diem appointment), Coronary Care Unit, St. Mary's Hospital, Rochester, MN.
1989-1991	Iowa Intervention Project research team member; University of Iowa, College of Nursing, Iowa City, IA.
1987-1991	Clinical Nurse Specialist I, Critical Care Nursing Division, University of Iowa Hospitals and Clinics, Iowa City, IA.
1985-1987	Staff Nurse, Cardiovascular Intensive Care Unit, University of Iowa Hospitals and Clinics, Iowa City, IA.
1983-1985	Staff Nurse, Bone Marrow Transplant Unit, University of Iowa Hospitals and Clinics, Iowa City, IA.

## **PUBLICATIONS**

### **Journal Articles**

- Spevan, M., Lekić, A., Edmonds, S., Cullen, L. (under development). Evaluation of the first EBP tool assessing Nursing Attitudes and Organizational Climate for Croatian Nurses.
- Femino, L., Bowman, A., Cullen, L. (under development). Research Critique Simulation: A Novel Approach to Build Staff Nurses' Confidence.
- Pennathur, P., Arsenault Knudsen, É., Edmonds, S., & Cullen, L., (in review). Impact of COVID-19 on tele-triage nurses' emotional well-being: A qualitative study
- Cullen, L. Seaton, M., Janni, V., Pennathur, A., Pennathur, P., Blondin, M., & Stenger, K., (2025). Call to Action to Reduce the Occupational Hazard associated with Patient Handling for Workforce Preservation. *Nursing Outlook*, 73(3), <https://doi.org/10.1016/j.outlook.2025.102402>
- Cook, D., Cullen, L., Matthews, G., Seabold, R., Wagner, M., (in press). Choose Your Own Adventure as a Learning Activity for Piloting an Evidence-Based Practice Change. *Journal for Nurses in Professional Development*,
- Cullen, L., & Laures, E. (2024). Development of an Implementation Framework and Application using the Precision Implementation Approach®. *The Japanese Journal of Nursing Research*, 57(3), 254-267.
- Dossett, A., Smith, A., Gingerich, M. K., & Cullen, L. (2022). CE: An evidence-based yoga practice for hospitalized adults on medical-psychiatric units. *American Journal of Nursing*, 122(7), 28–36. <https://doi.org/10.1097/01.NAJ.0000840304.76501.96>

- Cullen, L., Hanrahan, K., Edmonds, S., Reisinger, H., Wagner, M. (2022). Iowa Implementation for Sustainability Framework. *Implementation Science*, 17:1. <https://doi.org/10.1186/s13012-021-01157-5>
- Klarich, A., Noonan, T.Z., Reichlen, C., St. Marie, B.J, Cullen, L., Pennathur, P. (2022). Usability of Smart Infusion Pumps: A Heuristic Evaluation. *Applied Ergonomics*, 98, 103584. <https://doi.org/10.1016/j.apergo.2021.103584>
- Cullen, L., Hanrahan, K., Edmonds, S. Reisinger, H., & Wagner, M. (2021). Iowa Implementation for Sustainability Framework: Specification and validation. *Journal of Clinical and Translational Science*, 5(Suppl. 1), 56. <https://doi.org/10.1017/cts.2021.547>
- Tucker, S., McNett, M., Mazurek Melnyk, B., Hanrahan, K., Hunter, S. C., Kim, B., Cullen, L., & Kitson, A. (2021). Implementation Science: Application of Evidence-Based Practice Models to Improve Healthcare Quality. *Worldviews on evidence-based nursing*, 18(2), 76–84. <https://doi-org.proxy.lib.uiowa.edu/10.1111/wvn.12495>
- Duff, J., Cullen, L., Hanrahan, K., & Steelman, V. (2020). Determinants of an evidence-based practice environment: an interpretive description. *Implementation science communications*, 1, 85. <https://doi.org/10.1186/s43058-020-00070-0>
- Park, M., Jeong, M., Lee, M., & Cullen, L. (2020). Web-based experiential learning strategies to enhance the evidence-based-practice competence of undergraduate nursing students. *Nurse education today*, 91, 104466. Advance online publication. <https://doi-org/10.1016/j.nedt.2020.104466>
- Crawford, C.L., Rondinelli, J., Zuniga, S., Valdez, R.M., Cullen, L., Harahan, K., & Titler, M.G. (2020). Testing of the 2005 nursing evidence-based practice survey©. *Worldviews on Evidence-Based Nursing*. 17(2), 118-128, doi: 10.1111/wvn.12432
- Cullen, L., Hanrahan, K., Farrington, M., Anderson, R., Dimmer, E., Miner, R., Suchan, T., & Rod, E., (2020). Evidence-based practice change champions program improves quality care. *Journal of Nursing Administration*, 50(3), 128-134. doi: 10.1097/NNA.0000000000000856
- Tucker, S., Sheikholeslami, D., Farrington, M., Picone, D., Johnson, J., Matthews, G., Evans, R., Gould, R., Bohlken, D., Comried, L., Porter, R., Petrulovich, K., Carpe, J., Perkhounkova, E., Cullen, L., (2019). Patient, Nurse and Organizational Factors that Influence Evidenced-Based Fall Prevention for Hospitalized Oncology Patients: An Exploratory Study. *Worldviews on Evidence-Based Nursing*, 16(2), 111-120. doi: 10.1111/wvn.12353.
- Porter, R., Cullen, L. Farrington, M., Matthews, G., Tucker, S., (2018). Exploring clinician perceptions about sustaining evidence-based fall prevention for hospitalized patients. *American Journal of Nursing*, 118(5), 24-33. doi: 10.1097/01.NAJ.0000532806.35972.29
- Cullen, L., Baumler, S., Farrington, M., Dawson, C., Folkmann, P., & Brenner, L. (2018). Oral Care for Symptom Management in Head and Neck Cancer. *American Journal of Nursing*, 118(1):24-34. doi: 10.1097/01.NAJ.0000529694.30568.41.
- Iowa Model Collaborative (2017). Iowa Model of Evidence-Based Practice: Revisions and Validation. *Worldviews on Evidence Based Nursing*, 14(3), 175-182. doi: 10.1111/wvn.12223.
- Schall, M., Cullen, L., Pennathur, P., Chen, H., Burrell, K., Matthews, G. (2017). Usability Evaluation and Implementation of a Health Information Technology Dashboard of Evidence-based Quality Indicators. *CIN: Computers, Informatics, Nursing*, 35(6), 281-287.. doi: 10.1097/CIN.0000000000000325.

- Huether, K., Abbott, L., Cullen, L., Cullen, L., Gaardi, A. (2016). Energy Through Motion: An Evidence-Based Exercise Program to Reduce Cancer-Related Fatigue and Improve Quality of Life. *Clinical Journal of Oncology Nursing*, 20(3), E60-E70. <https://doi.org/10.1188/16.CJON.E60-E70>
- Schall, M., Chen, H., Cullen, L., Pennathur, P. (2015). Development and Evaluation of a Health Information Technology Dashboard of Quality Indicators. *Proceedings of the Human Factors and Ergonomics Society 59th Annual Meeting*, 59(10), 461-465. Retrieved on December 3, 2015; Retrieved from: <http://pro.sagepub.com/content/59/1/461.full.pdf+html>
- Cullen, L. (2015). Models for Implementation and Integration of Evidence-Based Practice. *Journal of Chiba Academy of Nursing Science*, 20(2), 51-60.
- Hanrahan, K., Wagner, M., Matthews, G., Stewart, S., Dawson, C., Greiner, J., Pottinger, J., Vernon-Levett, P., Herold, D., Hottel, R., Cullen, L., Tucker, S., & Williamson, A. (2015). Sacred cow gone to pasture: A systematic evaluation and integration of evidence-based practice. *Worldviews on Evidence-Based Nursing*, 12(1), 3-11. <https://doi.org/10.1111/wvn.12072>
- Farrington, M., Cullen, L., Dawson, C. (2014). Cryotherapy is a Simple Nursing Intervention for Oral Mucositis. *ORL-Head and Neck Nursing*, 32(20), 13-15.
- Farrington, M., Cullen, L., Dawson, C. (2013). Evidence-Based Oral Care for Oral Mucositis, *ORL-Head and Neck Nursing*, 31(3), 6-15.
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- Cullen, L. (2010). Strategies for Nursing Leaders to Promote Evidence-Based Practice. *Japanese Journal of Nursing Research*, 43(4), 251-259.
- Titler, M.G., Cullen, L. & Buckwalter, K. (2009). Setting the Future Research Agenda for Translation Science. *NNPN's On-Line Journal of Nursing Research and Evidence-Based Practice*, 1(1), 1-14. Available at <http://www.nnpnetwork.org/outreach/nnpn-on-line-journal.html>
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- Cullen, L., Greiner, J. & Titler, M. (2001). Pain Management in the Culture of Critical Care. In Rakel, B. & Titler, M.G. (Eds) *Critical Care Nursing Clinics of North America: Pain Management in Critical Care*, 13(2), 151-166. Philadelphia, PA: W.B. Saunders.
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- Cullen, L., McCloskey, J., & Bulechek, G. (1994). Development and validation of circulatory nursing interventions. *Classification of Nursing Diagnoses: proceedings of the Tenth Conference* (pp. 307-310). Philadelphia: J.B. Lippincott.
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### **Book Chapters**

- Cullen, L., Hanrahan, K., Farrington, M., Wulf, O., Dolezal, D. (in press). Nursing Leadership for Evidence-Based Practice. In D. Huber and L. Joseph, (Eds.) *Leadership & Nursing Care Management*, 8<sup>th</sup> edition, (pp TBD). Elsevier.

- Dang, D., Melnyk, B., Fineout-Overholt, E., Yost, J., Cullen, L., Fowler, C., Hanrahan, K., Cvach, M., Larrabee, J., Rycroft-Malone, J., Schultz, A., Stetler, C., & Stevens, K. (2023). Models to Guide Implementation and Sustainability of Evidence-Based Practice (pp 446-518). In, B. Melnyk & E. Fineout-Overholt (Eds), *Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice*, 5<sup>th</sup> edition. Philadelphia, PA: Lippincott, Williams & Wilkins (LWW).
- Cullen, L., Hanrahan, K., Steffen, E., Farrington, M., & Dawson, C., (2022). Nursing Leadership for Evidence-Based Practice (pp 321-347). In, D. Huber, M. L. Joseph (Eds.). *Leadership and Nursing Care Management*, 7<sup>th</sup> edition. St. Louis, MO: Elsevier, Inc.
- Dang, D., Melnyk, B., Fineout-Overholt, E., Yost, J., Cullen, L., Cvach, M., Larrabee, J., Rycroft-Malone, J., Schultz, A., Stetler, C., & Stevens, K. (2019). Models to Guide Implementation and Sustainability of Evidence-Based Practice (pp378-427). In, B. Melnyk & E. Fineout-Overholt (Eds), *Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice*, 4<sup>th</sup> edition. Philadelphia, PA: Lippincott, Williams & Wilkins (LWW).
- Cullen, L., Hanrahan, K., Neis, N., Farrington, M., Laffoon, T., & Dawson, C., (2018). Evidence-Based Practice: Strategies for Nursing Leaders (pp 268-285). In, D. Huber (Ed.). *Leadership and Nursing Care Management*, 6<sup>th</sup> edition. St. Louis, MO: Elsevier, Inc.
- Dang, D., Melnyk, B., Fineout-Overholt, E., Ciliska, D., DiCenso, A., Cullen, L., Cvach, M., Larrabee, J., Rycroft-Malone, J., Schultz, A., Stetler, C., & Stevens, K. (2015). Models to Guide Implementation of Evidence-Based Practice (pp. 274-315). In, B. Melnyk & E. Fineout-Overholt (Eds), *Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice*, 3<sup>rd</sup> edition. Philadelphia, PA: Lippincott, Williams & Wilkins (LWW).
- Cullen, L., Dawson, C., Hanrahan, K. & Dole, N. (2014). Evidence-Based Practice: Strategies for Nursing Leaders (pp274-290, 495-501). In, D. Huber (Ed.). *Leadership and Nursing Care Management* (5th edition). Philadelphia, PA: Elsevier.
- Ciliska, D., DiCenso, A., Melnyk, B., Fineout-Overholt, E., Stetler, C., Cullen, L., Larrabee, J., Schultz, A., Rycroft-Malone, J., Newhouse, R., & Dang, D. (2010). Models to Guide Implementation of Evidence-Based Practice (pp. 241-275.). In, B. Melnyk & E. Fineout-Overholt (Eds), *Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice*, 2<sup>nd</sup> edition. Philadelphia, PA: Lippincott, Williams & Wilkins (LWW).
- Cullen, L., & Dawson, C., Williams, K. (2009). Evidence-Based Practice: Strategies for Nursing Leaders (pp.367-386, 851-855). In, D. Huber (Ed.). *Leadership and Nursing Care Management* (4th edition). Philadelphia, PA: Elsevier.
- Cullen, L. & Adams, S. (2009). Current Issues in Translation Science. In, A. Ryan & J. Doyle (Eds.). *Trends in Nursing Research*, pp. 205-220. Hauppauge, NY: Nova Science Publishers, Inc.
- Cullen, L. (2005). Evidence-Based Practice: Strategies for Nursing Leaders (pp. 461-478). In, D. Huber (Ed.). *Leadership and Nursing Care Management* (3<sup>rd</sup> edition). Philadelphia, PA: Elsevier.

### **Columns**

- Cullen, L. & Fowler, C. (2025). Advancing Evidence-Based Practice with PURPOSE. *NPD in Motion: Throughputs*, April 7, 2025, <https://www.anpd.org/NPD-In-Motion/Article/advancing-evidence-based-practice-with-purpose>
- Fowler, C., Edmonds, S., & Cullen, L., (2025). Clearing up the Blind Spot and Promoting Patient Engagement in Evidence-Based Practice. *Journal of PeriAnesthesia Nurses*, 40(2025), 225-231.

- Edmonds, S., Cullen, L., Deberg, J. (2024). The Problem with the Pyramid for Grading Evidence: The Evidence Funnel Solution. *Journal of PeriAnesthesia Nurses*, 39(3), 484-488. <https://doi-org.proxy.lib.uiowa.edu/10.1016/j.jopan.2023.10.015>
- Tucker, S., Edmonds, S., Cullen, L., Hanrahan, K., Laures, E. (2023). The Problem with PICO for Finding the Best Evidence: Fishing with the wrong bait and the SEARCH solution, *Journal of PeriAnesthesia Nurses*, 38(5), 809–812. <https://doi.org/10.1016/j.jopan.2023.07.002>
- Cullen, L., Hanrahan, K., Tucker, S., Edmonds, S., Laures, E. (2023). The Problem with the PICO Question: Shiny Object Syndrome and the PURPOSE Statement Solution. *Journal of PeriAnesthesia Nurses*, 38(3), 516-518, <https://doi.org/10.1016/j.jopan.2023.01.024>
- Bowman, A., Femino, L., & Cullen, L. (2023). Research Critique Simulation: A Novel Approach to Build Staff Nurses' Confidence. *Journal of Perianesthesia Nursing*, 38(1), 148–150. <https://doi.org/10.1016/j.jopan.2022.11.006>
- Cullen, L., Laures, E., Hanrahan, K., Edmonds, S. (2022). Evidence to Practice: The Coat Hook Analogy and Precision Implementation Approach® Solution. *Journal of PeriAnesthesia Nurses*, 37(5), 732-736. [doi.org/10.1016/j.jopan.2022.07.009](https://doi.org/10.1016/j.jopan.2022.07.009)
- Farrington, M., Brimeyer, D., Dolezal, D., Kucera, M., & Cullen, L. (2022). Evidence Into Practice: Journal Clubs as an Implementation Strategy. *Journal of PeriAnesthesia Nurses*, 37(3), 411–415. <https://doi.org/10.1016/j.jopan.2021.11.018>
- Cullen, L., Dirks, M., Conrad, M. N., (2021). Scholarship Preparation Among Doctor of Nursing Practice Programs in the Midwest. *Journal of perianesthesia nursing: official journal of the American Society of PeriAnesthesia Nurses*, 36, 310-312. [doi.org/10.1016/j.jopan.2020.11.004](https://doi.org/10.1016/j.jopan.2020.11.004)
- Dolezal, D., & Cullen, L. (2021). Evidence Into Practice: Starting in Your Own Backyard. *Journal of PeriAnesthesia Nurses*, 36(1), 86–89. [doi.org/10.1016/j.jopan.2020.05.002](https://doi.org/10.1016/j.jopan.2020.05.002)
- Hanrahan, K., Utech, J., Cullen, L., Tucker, S., & Gallagher-Ford, L. (2020). Implementing and Sustaining Change: Implementing Improved Central Line Flushing Practices, *American Journal of Nursing*, 120(8), 66-70. doi: 10.1097/01.NAJ.0000694600.82867.24.
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- Hiller, A., Farrington, M., Forman, J., McNulty, H., Cullen, L. (2017). Evidence into Practice: Evidence-Based Nurse-Driven Algorithm for Intrapartum Bladder Care. *Journal of PeriAnesthesia Nursing*, 32(5):483-489. doi: 10.1016/j.jopan.2017.03.003.
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- Williams, J. L., Cullen, L. (2016). Evidence Into Practice: Disseminating an Evidence-Based Practice Project as a Poster. *Journal of PeriAnesthesia Nursing*, 31(5), 440-444. doi:10.1016/j.jopan.2016.07.002

- Hosking, J., Knox, K., Forman, J., Montgomery, L., Valde, J., Cullen, L. (2016). Evidence into Practice: Leading New Graduate Nurses to Evidence-Based Practice Through a Nurse Residency Program. *Journal of PeriAnesthesia Nursing*, 31(3), 260-265. <https://doi.org/10.1016/j.jopan.2016.02.006>
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- Wagner, M., Matthews, G. & Cullen, L. (2013). Evidence into Practice: Promoting Evidence-Based Nursing Procedures by Partnering with a Vendor. *Journal of PeriAnesthesia Nursing*, 28(5), 300-309. <https://doi.org/10.1016/j.jopan.2013.07.003>
- Cullen, L., Smelser, J., Wagner, M., Adams, S. (2012). Evidence into Practice: Using Research Findings to Create Practice Recommendations. *Journal of PeriAnesthesia Nursing*, 27(5), 343-351. <http://doi.org/10.1016/j.jopan.2012.07.006>
- Adams, S., Farrington, M. & Cullen, L. (2012). Evidence into Practice: Publishing an Evidence-Based Practice Project. *Journal of PeriAnesthesia Nursing*, 27(3), 193-202. <https://doi.org/10.1016/j.jopan.2012.03.004>
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- Dolezal, D., Cullen, L., Harp, J., Mueller, S. (2011). Evidence into Practice: Implementing Pre-Operative Screening of Undiagnosed Obstructive Sleep Apnea. *Journal of PeriAnesthesia Nursing*, 26(5), 338-342. <https://doi.org/10.1016/j.jopan.2011.07.003>
- Adams, S. & Cullen, L. (2011). Evidence into Practice: Evidence to Practice Implementation. *Journal of PeriAnesthesia Nursing*, 26(1), 35-37. <https://doi.org/10.1016/j.jopan.2010.11.009>
- Cullen, L. & Adams, S. (2010). Evidence into Practice: An Evidence-Based Practice Model. *Journal of PeriAnesthesia Nursing*, 25(5), 307-310. <https://doi.org/10.1016/j.jopan.2010.07.004>
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## **Books**

- Cullen, L., Hanrahan, K., Farrington, M., Tucker, S., & Edmonds, S. (Eds.). (2023). *Evidence-based practice in action: Comprehensive strategies, tools, and tips from the University of Iowa Hospitals & Clinics* (2nd ed.). Sigma Theta Tau International Honor Society of Nursing.
- Cullen, L., Hanrahan, K., Farrington, M., Tucker, S., & Edmonds, S. (Eds.). (2023). *Workbook: Evidence-based practice in action: Comprehensive strategies, tools, and tips from the University of Iowa Hospitals & Clinics* (2nd ed.). Sigma Theta Tau International Honor Society of Nursing.
- Cullen, L., Hanrahan, K., Tucker, S., Rempel, G., & Jordan, K. (2018). 看護実践の質を改善するためのEBPガイドブックト [Evidence-Based Practice Building Blocks: Comprehensive Strategies, Tools and Tips]. IS trans. Kyoto, Japan: Minerva Shobo Co., Ltd..



Cullen, L., Hanrahan, K., Farrington, M., DeBerg, J., Tucker, S., & Kleiber, C. (2018). *Evidence-Based Practice in Action: Comprehensive Strategies, Tools and Tips from the University of Iowa Hospitals and Clinics*. Indianapolis, IN: Sigma Theta Tau International.

Cullen, L., Hanrahan, K., Farrington, M., DeBerg, J., Tucker, S., & Kleiber, C. (2018). *Workbook: Evidence-Based Practice in Action: Comprehensive Strategies, Tools and Tips from the University of Iowa Hospitals and Clinics*. Indianapolis, IN: Sigma Theta Tau International.

Cullen, L., Hanrahan, K., Tucker, S., Rempel, G., & Jordan, K. (2012). *Evidence-Based Practice Building Blocks: Comprehensive Strategies, Tools and Tips*. Iowa City, IA: Nursing Research and Evidence-Based Practice Office, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics. Available from: <http://www.uihealthcare.org/otherservices.aspx?id=15221>

### **Other publications**

Cullen, L., Hanrahan, K., Edmonds, S., Reisinger, H., & Wagner, M. (2021). A study to determine the external validity of the Iowa implementation for sustainability framework. *Implementation Science*, 16(Supple1), S84. <https://doi.org/10.1186/s13012-021-01110-6> (abstract)

Cullen, L., Hanrahan, K., Edmonds, S., Reisinger, H., & Wagner, M. (2021). A study to determine the external validity of the Iowa implementation for sustainability framework. *Journal of Clinical and Translational Science*, 5(S1), 56. <https://doi.org/10.1017/cts.2021.547> (abstract)

Cullen, L., & Hanrahan, K., Farrington, M. & Tucker, S. (2020) Evidence-Based Healthcare is a Team Sport: Tools for the Win. *Nurse Management*.

Cullen, L., Hanrahan, K., & Kleiber, C. (2018). Nursing and EBP: From asking questions to evaluating results. *Reflections on Nursing Leadership*, Retrieved September 27, 2018, from: <https://www.reflectionsonnursingleadership.org/features/more-features/nursing-and-ebp-from-asking-questions-to-evaluating-results>

Cullen, L., & Hanrahan, K. (2018). Journey to Evidence-based Healthcare. *Reflections on Nursing Leadership*. Retrieved April 25, 2018, from: <https://www.reflectionsonnursingleadership.org/features/more-features/journey-to-evidence-based-healthcare>

Cullen, L., & Hanrahan, K. (2018). Evidence-Based Practice and the Bottom Line: An issue of cost. *Healthcare Financial Management Association*. Physician Business Adviser Blog, retrieved January 16, 2018, from: [http://www.hfma.org/Content.aspx?id=58754&utm\\_source=Real%20Magnet&utm\\_medium=email&utm\\_campaign=121437137](http://www.hfma.org/Content.aspx?id=58754&utm_source=Real%20Magnet&utm_medium=email&utm_campaign=121437137).

Cullen, L., Hefel, S., Lang, S., Monroe, L., Pearson, S., Pottinger, J., & Reed, J. (2017). Family Pet Visitation. In, M. Farrington (Series Ed), *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Office of Nursing Research, Evidence-Based Practice and Quality, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.

Braithwaite, C., Cullen, L., Ringdahl, D., & Quinn, G., (2016). Hands in Harmony: A nurse administered hand massage program in an outpatient chemotherapy suite. *Oncology Nursing Forum*, 43(2), 10.

Abbott, L., Cullen, L., Quinn, G. (2016). Energy through Motion®. In, M. Farrington (Series Ed), *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Office of Nursing Research, Evidence-Based Practice and Quality, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.

- Block, J., Lilienthal, M., & Cullen, L. (2015). Thermoregulation for adult trauma patients. In M. Farrington (Series Ed.) *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Office of Nursing Research, Evidence-Based Practice and Quality, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.
- Farrington, M., & Cullen, L. (2014). Oral care for oncology patients. In M. Farrington (Series Ed.) *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Office of Nursing Research, Evidence-Based Practice and Quality, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.
- Rockafellow, E., Comried, L., Cullen, L., Bombei, C., Greiner, J. (2014). Some like it HOT! *Critical Care Nurse*, 34(2), e36.
- Farrington, M., & Cullen, L. (2013). Oral assessment for oncology patients. In, M. Farrington (Series Ed.) *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Office of Nursing Research, Evidence-Based Practice and Quality, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.
- Cullen, L. (2013). Pain Assessment for Older Adults. *EBP to Go®: Accelerating Evidence-Based Practice*. Iowa City, IA: Nursing Research and Evidence-Based Practice Office, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.
- Gibbons, M. (Contributed to and edited by L. Cullen) (2012). Promoting Evidence-Based Practice: Internship program enables RNs to create their own protocols of care. Retrieved from: <http://nursing.advanceweb.com/Features/Articles/Promoting-Evidence-Based-Practice.aspx>
- Cullen, L. (2004). *Evidence-Based Practice Staff Nurse Internship: Program training manual*. Iowa City, IA: University of Iowa Hospitals and Clinics.
- Cullen, L. (1990). *Development and validation of circulatory nursing interventions*. Unpublished thesis, University of Iowa, Iowa City, IA.
- Titler, M., & Cullen, L. (1989). *Valvuloplasty: A guide for patients*. University of Iowa Hospitals and Clinics, Iowa City, IA.

### **Electronic Education Modules**

- Weathers, N., Hanrahan, K & Cullen, L. (2025). Evidence-Based Practice. Beyond Nurse Residency (podcast). <https://beyondnurseresidency.buzzsprout.com/2240285/episodes/17175888-evidence-based-practice>
- Cullen, L. (2020, January 30). Getting EBP Topics in Focus [Video]. Higher Learning Technologies My Nursing Mastery. <https://builtbyhlt.com/nclex-mnm-welcome>
- Cullen, L. (2020, January 30). EBP Implementation [Video]. Higher Learning Technologies My Nursing Mastery. <https://builtbyhlt.com/nclex-mnm-welcome>
- Cullen, L. (2020, February 13). Change Agents and Implementation [Video]. Higher Learning Technologies My Nursing Mastery. <https://builtbyhlt.com/nclex-mnm-welcome>
- Cullen, L. & Hanrahan, K. (2020, February 13). Sustainability as a Part of Phased Implementation [Video]. Higher Learning Technologies My Nursing Mastery. <https://builtbyhlt.com/nclex-mnm-welcome>
- Cullen, L. (2007). An Introduction to Evidence-Based Practice, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.

- Cullen, L. (2007). Evidence-Based Practice: What does it mean to Nursing?, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.
- Cullen, L. (2007). Application of Evidence-Based Practice, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.
- Cullen, L., Hauer, M., & Leaven, T. (1992). Shock. Computer Assisted Instruction. University of Iowa Hospitals and Clinics, Iowa City, IA.
- Cullen, L., & Penney, C. (1991). Cardiovascular anatomy and physiology. Computer Assisted Instruction. University of Iowa Hospitals and Clinics, Iowa City, IA.

### **SPECIAL HONORS AND AWARDS**

- |      |  |
|------|--|
| 2022 | Nurse Faculty Scholars Mentored Writing Award from the American Journal of Nursing, Wolters Kluwer N.V., The Netherlands.  |
| 2021 | DAISY Lifetime Achievement Award, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics and DAISY Foundation, Glen Ellen, CA..   |
| 2019 | EBP Trailblazer, inaugural award from the Helene Fuld Health Trust National Institute for Evidence-based Practice in Nursing and Healthcare, the Ohio State University College of Nursing.   |
| 2018 | Ann Williamson Award for Leadership and Innovation in Nursing and Patient Care, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.   |
| 2017 | MNRS Research thru Academic – Clinical Partnership Outstanding Partnership Award to the University of Iowa College of Nursing and Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.   |
| 2014 | Magnet Prize®, Blazing new Trails in EBP, Awarded to the Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, American Nurses Credentialing Center and Cerner Corporation.   |
| 2014 | AACN Exemplary Academic-Practice Partnership Award, to the University of Iowa College of Nursing and Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics.  |
| 2014 | Literary Award, Society of Otorhinolaryngology and Head-Neck Nursing.  |
| 2012 | Member of Zeta Chapter of Sigma Theta Tau International Nursing Honor Society  |
| 2011 | 100 Great Iowa Nurses  |
| 2008 | Poster Award (3 <sup>rd</sup> Place) Assessment of Oral Mucositis in Adult and Pediatric Oncology Patients: An Evidence-Based Approach. 32 <sup>nd</sup> Annual Society of Otorhinolaryngology and Head-Neck Nurses (SOHN) Congress and Nursing Symposium, Chicago, IL |
| 2008 | Fellow in the American Academy of Nursing  |
| 2008 | Dorothy Hussain Distinguished Lecturer, University of Toledo College of Nursing, Toledo, Ohio  |

2007	Excellence in Nursing Clinical Education (Nurse leader semi-finalist), University of Iowa Hospitals and Clinics and University of Iowa, College of Nursing, Iowa City, IA
2007	Distinguished Lecturer, Jefferson College, Roanoke, VA
2004	Evidence-Based Practice Award, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics
2002	Above and Beyond Award(s) from staff nurse internship participants, University of Iowa Hospitals and Clinics
2003	Isabelle Brandon Distinguished Lecturer, Truman Medical Centers, Kansas City, MO
1990 & 1991	American Association of Critical Care Nurses, Education Committee
1991	Outstanding Masters Student Poster, "Circulatory Nursing Interventions: Validation for Taxonomy Development," sponsored by the University of Iowa College of Nursing, awarded by the Midwest Nursing Research Society
1988	Inducted into Gamma Chapter of Sigma Theta Tau International Nursing Honor Society

#### **PROFESSIONAL MEMBERSHIPS**

2012-present	Sigma Theta Tau International, Zeta Chapter
2008-present	American Academy of Nursing
2001- present	Midwest Nursing Research Society
1988- present	Sigma Theta Tau International, and STTI Gamma Chapter
1987- present	American Association of Critical Care Nurses, local and national
1986- present	American Nurses Association, local and national
1990-1991	Midwest Nursing Research Society

#### **INTERNATIONAL PRESENTATIONS**

2022	Evidence-Based Practice Creates a Strong Foundation for the Future of Healthcare (virtual), University of Rijeka: International Nurses Day program, Rijeka, Croatia
2019	EBP Return on Investment, School of Nursing Beijing University of Chinese Medicine, Beijing, China.
2019	Training Programs Supporting Evidence-based care, DongZhiMen Hospital, Beijing, China.
2018	EBP and ROI workshop, IV Latin America Professional Service Summit, 3M Center, St. Paul, MN.
2017	An International Collaboration to Promote Evidence-Based Practice (EBP) in Japan, Sigma Theta Tau International 28 <sup>th</sup> International Research Congress, Dublin, Ireland.

- 2017 Cognitive and System Factors Impacting Nurses' Postoperative Pain Management, Sigma Theta Tau International 28<sup>th</sup> International Research Congress, Dublin, Ireland.
- 2016 Determining Return on Investment for Evidence-Based Practice: An Essential Skill for All Clinicians, 3M Health Care Academy: Latin American Patient Warming Summit, 3M Infection Prevention Department, St. Paul, MN
- 2016 Determining Return on Investment for Evidence-Based Practice, 3M Health Care Workshop for International Region Directors, 3M Infection Prevention Department, St. Paul, MN
- 2016 Evidence-Based Practice Workshop (3day program), Cleveland Clinic Abu Dhabi, Abu Dhabi, United Arab Emirates
- 2015 Determining Return on Investment for Evidence-Based Practice: An Essential Skill for All Clinicians, 3M Health Care Academy: Latin American Patient Warming Summit, 3M Infection Prevention Department, St. Paul, MN
- 2014 Models for Implementing and Integrating Evidence-Based Practice, Chiba Academy of Nursing Science Annual Conference, Chiba, Japan.
- 2014 Research Contributions for Implementing Evidence-Based Practice, Chiba University Graduate School of Nursing, Chiba, Japan.
- 2014 Evidence-Based Practice Panel, Engaging Colleagues: Improving Global Health Outcomes (invited plenary), 25<sup>th</sup> International Research congress, Sigma Theta Tau, International, Hong Kong.
- 2014 Sustaining Evidence-Based Nursing Practices for Fall Prevention in Hospitalized Oncology Patients, Engaging Colleagues: Improving Global Health Outcomes (concurrent), 25<sup>th</sup> International Research Congress, Sigma Theta Tau, International, Hong Kong.
- 2014 Introduction to Evidence-Based Practice. Easy Grasping EBP (keynote), Education and Research Center for Evidence-Based Nursing Knowledge, Chungnam National University, College of Nursing, Daejeon, South Korea
- 2013 Evidence-Based Practice and the Essential Need to Capture the Return on the Investment: Return on Investment from an EBP Educational Program for Staff Nurses (symposium). 24<sup>th</sup> International Nursing Research Congress, Sigma Theta Tau, International, Prague, Czech Republic.
- 2012 Evidence-Based Innovation in Acute Care, International Seminar on Evidence Based Innovation for Quality Improvement and Safety, Education and Research Center for Evidence Based Nursing Knowledge, Chungnam National University, College of Nursing, Daejeon, South Korea.
- 2011 A Guide to Implementing Evidence-Based Practice (poster), People and Knowledge: Connecting for Global Health, 41st Biennial Convention, Sigma Theta Tau, International, Grapevine, Texas.
- 2011 The Role of Nurse Managers in Implementing Evidence-Based Practice (poster), Knowledge Utilization 2011, Belfast, Northern Ireland.

- 2009 Advancing Quality through Implementation Science, Translating Science & Technology: Changing Nursing Practice and Education (keynote), 16<sup>th</sup> International Research Institute, Keimyung University, Daegu, South Korea.
- 2009 Creating a Learning Environment Supporting Evidence-Based Nursing Practice, Translating Science & Technology: Changing Nursing Practice and Education (keynote), 16<sup>th</sup> International Research Institute, Keimyung University, Daegu, South Korea.
- 2009 Leadership Role of Nursing Administrators in Evidence-Based Practice, Translating Science & Technology: Changing Nursing Practice and Education (plenary), 16<sup>th</sup> International Research Institute, Keimyung University, Daegu, South Korea.
- 2009 Evidence-Based Practice Exemplars, Translating Science & Technology: Changing Nursing Practice and Education (plenary), 16<sup>th</sup> International Research Institute, Keimyung University, Daegu, South Korea.
- 2007 Moving Nursing's Agenda Forward into the 21<sup>st</sup> Century: Sigma Theta Tau International's Position on Evidence-Based Practice and Translational Research (invited paper), Sigma Theta Tau, International 39<sup>th</sup> Biennial Convention, Baltimore, MD
- 2007 Impact of an Educational Program for Developing Advanced Skills in Leading Evidence-Based Practice (concurrent), Sigma Theta Tau International's 18<sup>th</sup> International Nursing Research Congress Focusing on Evidence-Based Practice, Vienna, Austria.
- 2006 Developing Leadership Skills to Support Use of Evidence-Based Practice (symposium), Sigma Theta Tau International's 17<sup>th</sup> International Nursing Research Congress Focusing on Evidence-Based Practice, Montreal, Canada.
- 2006 Leadership Roles for Supporting Evidence-Based Care Delivery (symposium), Sigma Theta Tau International's 17<sup>th</sup> International Nursing Research Congress Focusing on Evidence-Based Practice, Montreal, Canada.
- 2005 Impact of the State of the Science Conference in Translation Research, Sigma Theta Tau International's 38<sup>th</sup> Biennial Convention, Indianapolis, IN
- 2005 Strategies to address difficult steps in the EBP process (keynote), Irish Nursing Practice Development Association Conference, Athlone, Ireland.
- 2004 Promoting Adoption of Evidence-Based Practice: Beyond the Basics (2 day workshop), Sigma Theta Tau International, Dublin, Ireland
- 2004 Education to Support Evidence-Based Practice by Staff Nurses, Centre for Applied Nursing Research, Liverpool Health System, New South Wales, Australia
- 2004 Promoting Staff Nurse Involvement in Evidence-Based Practice, Joanna Briggs Institute, South Australia, Australia
- 2004 Evidence-Based Practice Staff Nurse Internship, Centre for Nursing Practice Research, University of Melbourne, Victoria, Australia
- 2003 Education to Support Evidence-Based Practice by Staff Nurses (symposium), Sigma Theta Tau International Evidence-Based Practice Pre-conference, Annual Research Congress, St. Thomas, Virgin Islands.

- 2003 Promoting and Sustaining An Evidence-Based Practice Environment (symposium), Sigma ThetaalTau International Evidence-Based Practice Pre-conference, Annual Research Congress, St. Thomas, Virgin Islands.

### **NATIONAL PRESENTATIONS**

- 2025 Build Courage Using Implementation Leadership So Your Team Can Soar, National Teaching Institute & Critical Care Exposition, New Orleans, LA.
- 2025 Data-Driven Implementation Planning Creates Change that Lasts, National Teaching Institute & Critical Care Exposition, New Orleans, LA.
- 2025 Fatigue Mitigation – Where We Are and Where We Need To Go, 32<sup>nd</sup> National EBP Conference, Coralville, IA.
- 2025 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2024 The Evidence Pyramid Problem: Missing the forest for the trees and Revolutionary EBP. Network of the National Library of Medicine Region 6, (webinar).
- 2024 The Problem with PICO and PURPOSE as a contemporary solution. National Teaching Institute, American Association of Critical Care Nurses, Denver, CO. (recording: <https://www.aacn.org/education/ce-activities/nti24274/problems-with-pico-and-purpose-as-a-contemporary-solution>)
- 2024 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2023 Making It Stick: Effectively Implementing and Sustaining Evidence-Based Practice Projects, American Society of Pain Management Nursing, Minneapolis, MN.
- 2023 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2023 Revolutionary Solutions for EBP, 30<sup>th</sup> National EBP Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2022 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 Iowa Implementation for Sustainability Framework. 28<sup>th</sup> National EBP Conference (virtual). University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 Implementation Workshop. 28<sup>th</sup> National EBP Conference (virtual). University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 Human Factors Analysis of Smart Pumps, 28<sup>th</sup> National Evidence-Based Practice Conference, Coralville, IA, United States.
- 2021 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.

2021	Iowa Implementation for Sustainability Framework: Specification and validation, Translation Science 2021, Association for Clinical and Translational Science, Washington, D.C.(virtual)
2020	A Study to Determine External Validity of the Iowa Implementation for Sustainability Framework, 13 <sup>th</sup> Annual Conference of the Science of Dissemination and Implementation in Health, AcademyHealth, Washington, D.C. (virtual)
2020	The Next Frontier: Evidence-Based Care under Value-Based Contracts. American College of Healthcare Executives, Chicago, IL. (Conference canceled)
2020	Human Factors Research Identifies Issues with Secondary Roller Clamps and Smart Pumps. National Evidence-Based Practice Conference, Coralville, IA, United States. (Conference canceled)
2020	EBP Implementation Guide: Evaluation Research. 27 <sup>th</sup> National Evidence-Based Practice Conference, Coralville, IA, United States. (Conference canceled)
2020	Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
2019	Precision Implementation Approach™, 2019 Fuld Institute for EBP National Summit, the Ohio State University, Columbus, OH.
2019	Turning the Evidence Pyramid Upside Down (poster - 1 <sup>st</sup> place award), 2019 Fuld Institute for EBP National Summit, the Ohio State University, Columbus, OH.
2019	Nurse-led Evidence-Based Practice, Annual Interprofessional Management of Critically Ill Conference, University of Iowa Healthcare, Iowa City, IA.
2019	The EBP Journey, University of Iowa Hospitals and Clinics, 26 <sup>th</sup> National EBP Conference, Coralville, IA.
2019	Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
2018	RE-Solving Implementation, University of Iowa Hospitals and Clinics, 25 <sup>th</sup> National EBP Conference, Coralville, IA.
2018	Problem with the Pyramid, University of Iowa Hospitals and Clinics, 25 <sup>th</sup> National EBP Conference, Coralville, IA.
2018	Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
2017	Translating EBP into the Reality of Daily Practice: Insights and Solutions Creating a Path Forward, Helene Fuld National EBP Summit, The Ohio State University College of Nursing, Columbus, OH.
2017	Making Decisions about Sufficient Evidence, University of Iowa Hospitals and Clinics, 24 <sup>th</sup> National EBP Conference, Coralville, IA.
2017	Leadership for Quality: New Role of Administrative Coordinator and Transformational Leadership in Action (poster). University of Iowa Hospitals and Clinics, 24 <sup>th</sup> National EBP Conference, Coralville, IA.



- 2017      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2016      Through the Looking Glass - Interdisciplinary Epic Monitor, Epic Nursing Advisory Community webinar, Epic Systems Corp, Verona, WI.
- 2016      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2016      Interdisciplinary QI Dashboard, Nurse Advisory Council, Quality and Research track, Epic Expert Group Meeting Conference, Verona, WI
- 2016      Cognitive and System Factors Impacting Nurses' Postoperative Pain Management: A Feasibility Study, Midwest Nursing Research Society 40<sup>th</sup> Annual Conference, Milwaukee, WI.
- 2015      Electronic Data Capture from Information Systems for Magnet Recognition, University of Minnesota, Nursing Knowledge: 2015 Big Data Science Conference, Pre-conference Demonstrating the Value of Sharable and Comparable Nurse-Generated Data, Minneapolis, MN.
- 2015      Unveiling the Revised Iowa Model, 22<sup>nd</sup> National EBP Conference, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2015      Sustaining evidence-based nursing practices for fall prevention in hospitalized oncology patients. (poster), 40th Annual Oncology Nursing Society Congress, Orlando, FL. (authors: Tucker, S., Cullen, L., Farrington, M., Al-Ghalayini, R., Sheikholeslami, D., Matthews, G., . . . Kugler, E.).
- 2015      Awakening the Innovator in Every Nurse (keynote), Seattle Research Consortium Conference, Seattle, WA.
- 2015      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2014      Blazing new Trails in EBP, Magnet Prize presentations, ANCC National Magnet Conference, Dallas, TX.
- 2014      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013      EBP: Is there enough evidence? 20<sup>th</sup> National EBP Conference, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013      Evidence-Based Pain Assessment for Older Adults (poster), 20<sup>th</sup> National EBP Conference, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012      A Guide to Implementing Evidence-Based Practice (poster), Implementation Science Conference: Moving Forward, Michigan Institute for Clinical & Health Research, Ann Arbor, MI.
- 2012      Ask an Expert: Implementation, 19<sup>th</sup> National EBP Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2012      Application of the Iowa Model, 19<sup>th</sup> National EBP Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011      EBP Implementation Model, 18<sup>th</sup> National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2010      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2009      Oral Mucositis Assessment: An Evidence-Based Practice Approach, Midwestern Nursing Research Society, Minneapolis, MN.
- 2009      Choosing and Using an Evidence-Based Practice Model, 16<sup>th</sup> annual National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2009      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2008      Implementation Strategies Supporting Evidence-Based Practice. 32nd Annual Congress & Symposium of the Society of Otorhinolaryngology and Head-Neck Nurses & The Ear, Nose and Throat Nursing Foundation, Chicago, IL.
- 2008      Assessment of Oral Mucositis in Adult and Pediatric Oncology Patients: An Evidence-Based Approach. (poster) 32<sup>nd</sup> Annual Society of Otorhinolaryngology and Head-Neck Nurses (SOHN) Congress and Nursing Symposium, Chicago, IL.
- 2008      Looking Back and Looking Forward- Evolution in Resources: A clinician's perspective. 15<sup>th</sup> National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2008      An overview of the Evidence-Based Practice Staff Nurse Internship. 15<sup>th</sup> National Evidence-Based Practice Pre-conference, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2008      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA
- 2007      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), Aberdeen Area of the Indian Health Service, Aberdeen, SD.
- 2007      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), TriService Nursing Research Program, National Naval Medical Center, Bethesda, MD.
- 2007      Cruising the Waters of Evidence-Based Practice, University of Iowa Hospitals and Clinics and Alaska Native Medical Center, Princess Cruises Vancouver BC to Anchorage Alaska.
- 2007      An Introduction to Evidence-Based Practice, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2007 Evidence-Based Practice: What does it mean to Nursing?, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2007 Application of Evidence-Based Practice, National Nursing Practice Network & University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2007 Expert Panel: Specific Implementation Strategies-Focus on Academic Detailing, 14<sup>th</sup> National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2007 Building Blocks of an Evidence-Based Practice Program: Academic and Community Hospital Perspectives, , 14<sup>th</sup> National Evidence-Based Practice Conference, Iowa City, IA
- 2007 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA
- 2006 Expanding Evidence-Based Practice: A long distance University Hospital/Community Hospital Collaboration. 10<sup>th</sup> National Magnet Conference, Denver, CO.
- 2006 Educational Strategies for Clinicians, 13<sup>th</sup> National Evidence-Based Practice Conference-post conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2006 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2005 4<sup>th</sup> Annual Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2005 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Trinity Health, Iowa City, IA
- 2005 Facilitating Staff Nurse Participation in Evidence-Based Practice, Pursuing Excellence, 12th Annual National Evidence-Based Practice Pre-Conference, Iowa City, IA
- 2004 3<sup>rd</sup> Annual Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2003 2<sup>nd</sup> Annual Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2003 Facing the Challenge of the Evolution of Evidence-Based Practice Literature, The 10<sup>th</sup> National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2002 Evidence-Based Practice Internship (poster), National Teaching Institute, American Association of Critical Care Nurses, Atlanta, GA.
- 2002 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2002 Why Listen to Bowel Sounds? Midwest Nursing Research Society, Chicago, IL.
- 2001 Evidence-Based Practice Internship (poster), Eighth National Research Utilization Conference 2000, University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2000      Process of Evidence-Based Practice: Decision Support Models, Seventh National Research Utilization Conference 2000, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2000      Vital Signs Monitoring to Predict Pending Arrest: Use of a Protocol in the General Medical Population, Seventh National Research Utilization Conference 2000, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1999      Diffusion of Research Utilization into Practice: Re-evaluation of Endotracheal Suctioning Techniques (poster), Sixth National Research Utilization Conference 1999, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1997      Intrahospital Transport of the Critically Ill (poster), Fourth National Research Utilization Conference 1997, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1996      Intrahospital Transport of the Critically Ill. K. Stenger, V. Steelman, L. Cullen, M. Gambrall, K. Megivern, L. Moss, A. Schaapveld & R. Truszkowski. Third National Research Utilization Conference 1996, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1993      Development of the Home Care Client Satisfaction Instrument (poster), National HomeCare Association, Ann Arbor, MI.
- 1992      Development and Validation of Circulatory Nursing Interventions, North American Nursing Diagnoses Association, San Diego, CA.
- 1992      Cerebral Anoxia: Avoiding Repeated Insults, Quest for Quality II, Mayo Center for Nursing, Rochester, MN.
- 1991      Circulatory Nursing Interventions: Validation for Taxonomy Development (poster presentation), American Association of Critical Care Nurses, National Teaching Institute.
- 1991      Development and Validation of Circulatory Nursing Interventions, Marquette University and American Association of Critical Care Nurses.

### **OTHER PRESENTATIONS**

- 2025      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), Allina Health, Minneapolis, MN
- 2025      Let's Declare Independence from Outdated Practices, University of Virginia 2025 EBP Symposium, Charlottesville, VA.
- 2024      The PICO Problem – Fishing with the wrong bait and other EBP updates. Health Science Librarians of Illinois (webinar).
- 2024      Revolutionary Evidence-Based Practice: Dueling Presenters, 2024 INA Annual Conference: Revolutionizing Healthcare: Embracing Innovation, Iowa Nurses Association, Ames, IA.
- 2024      Making EBP Stick! (webinar posted at [https://www.fadaa.org/page/Training\\_Library](https://www.fadaa.org/page/Training_Library)), Florida Alcohol and Drug Abuse Associate, Tallahassee, FL.
- 2024      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day virtual program), Texas Tech University Health Science Center, School of Nursing, Odessa, TX.

- 2022 Precision Implementation Approach®, LeHigh Valley Health Research Conference, LeHigh Valley Health Network, Allentown, PA.
- 2022 Empowering Frontline Nurses, LeHigh Valley Health Research Conference, LeHigh Valley Health Network, Allentown, PA.
- 2021 Precision Implementation Approach™, (Virtual), Gamma Pi Chapter of Sigma induction, University of Nebraska Medical Center, and Nebraska Methodist College, Lincoln, NE.
- 2021 Precision Implementation Approach™, 2021 Virtual Lung Conference, Iowa Society of Respiratory Care, Des Moines Area Community College, Ankeny, IA.
- 2021 Implementation Workshop. 28<sup>th</sup> National EBP Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 Iowa Implementation for Sustainability Framework. 28<sup>th</sup> National EBP Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 The Iowa Model and the Iowa Implementation for Sustainability Framework: Exploring research applications. Ethnographic Methods and Implementation Core (EMIC), Center for Access and Delivery Research and Evaluation (CADRE), Iowa City VA Medical Center, and Engagement, Integration and Implementation Core, Institute for Clinical and Translation Science (ICTS), University of Iowa, Iowa City, IA.
- 2021 EBP Journey, Scofield Advanced Oncology Nursing Conference, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2021 The Iowa Model and the Iowa Implementation Sustainability Framework: Exploring Research Applications, Center for Access & Delivery Research and Evaluation-CADRE, Iowa City VA Health Care System, Iowa City, IA.
- 2019 Evidence-Based Healthcare – Creating and Sustaining it with the Interprofessional Team (Keynote), and How the Health System Works with the EBP Process (Endnote), Implementing Evidence-Based Practice: Navigating the Process. 15<sup>th</sup> Annual Research Day, Nebraska Methodist College of Nursing, Omaha, NE.
- 2019 EBP Change Champions (one day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2019 Integrating Evidence within an Organizational Structure (keynote). University of Missouri EBP Conference, Columbia, MO.
- 2019 EBP Training for Nurse Leaders (2 day program). Roswell Park Cancer Center, Buffalo, NY.
- 2019 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3 day program), Children’s Hospital of Minnesota, Minneapolis, MN.
- 2018 Role of Nurse Manager as an EBP Change Agent, Perioperative Nursing Leadership Committee, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2018 Advanced EBP training for faculty and DNP students (2 day program), Florida Gulf Coast University, Fort Meyer, FL.

- 2018 Cognitive and System Factors Impacting Nurses' Pain Practices, Human Factors in Healthcare course, University of Iowa College of Engineering, Iowa City, IA.
- 2018 Using EBP and the Iowa Model in DNP final projects (2 day program), Loma Linda University, Loma Linda, CA.
- 2017 Evidence-Based Practice and Research Projects, Iowa Society of PeriAnesthesia Nurses Fall Conference, Unity Point Health, St. Luke's Hospital, Cedar Rapids, IA.
- 2017 EBP Change Champions Program Description; Grand Rounds, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2017 Path for a Successful Nursing EBP Program; EBP Program Lessons Learned – The Science of EBP, Southern California Evidence-Based Practice Conference, Palm Springs, CA.
- 2017 Change Agent Roles and Responsibilities; EBP Change Champions Program, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2016 Advancing Evidence Based Practice Workshop, Nebraska Methodist College and Methodist Health System, Omaha, NE.
- 2016 Real Time Data Display of Patients' Risks for Interdisciplinary Planning to Improve Quality Care, 4<sup>th</sup> Annual Quality Improvement and Patient Safety Symposium: Innovations for Quality. University of Iowa Health Care, Iowa City, IA.
- 2015 EBP & Research, Executive Leadership Academy, University of Iowa Health Care, Iowa City, IA.
- 2015 Becoming Leaders in EBP & Research (keynote); Publishing Tips (plenary session), 7<sup>th</sup> Annual EBP Conference. University of Illinois, Urbana-Champaign, IL.
- 2015 Cognitive and System Factors associated with Nurses' Postoperative Pain Management: A Feasibility Study, University of Iowa College of Nursing, Iowa City, IA.
- 2015 Change Management, Clinical Leadership Development Academy, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2015 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), Rhode Island Hospital, Providence, RI.
- 2015 The Revised Iowa Model: New Frontiers for EBP, Frontiers of Nursing Innovation: Visioning the Healthcare Landscape 2015 Sanford Nursing Research and Evidence-Based Practice Conference, Sanford Health, Sioux Falls, SD.
- 2015 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Chicago, Chicago, IL.
- 2015 Development and Application of the Iowa Model Revised: Nursing Research and EBP Grand Rounds, Department of Nursing Services and Patient Care, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2015 Change and Innovation, Nurse Leader Development to Lead Healthcare for Today & Tomorrow, University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2015 Inspiring Change to Promote Inquiry and Evidence Based Practice, Swedish Medical Center, Seattle, WA.
- 2014 EBP Issues and Sustaining Evidence-Based Fall Prevention for Adult Oncology Inpatients. Sigma Theta Tau - Gamma Chapter, University of Iowa, Iowa City, IA.
- 2014 Evidence-Based Practice for Organizational Leaders. University of Chicago Medical Center, Chicago, IL.
- 2014 Design, Implementation and Evaluation of Evidence-Based Practice Projects. University of Chicago Medical Center, Chicago, IL.
- 2014 Riding the Wind of Change with Evidence-Based Practice. Nurses' Week Grand Rounds, University of Connecticut Children's Hospital, Hartford, CT.
- 2014 Implementation of Evidence-Based Practice at the Bedside, Nursing Grand Rounds, Stony Brook University Hospital, Stony Brook, NY.
- 2014 Art of creating abstracts, posters and presentations. Grand Rounds. University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2014 The Iowa Model: Application of QI, EBP and Research. Leadership and Care Management 96:157, University of Iowa College of Nursing, Iowa City, IA.
- 2013 Evidence-Based Practice and the Essential Need to Capture the Return on the Investment: Return on Investment from an EBP Educational Program for Staff Nurses. Gamma Chapter meeting, Sigma Theta Tau, International, University of Iowa College of Nursing, Iowa City, IA.
- 2013 Evidence-Based Pain Assessment for Older Adults: Steps Beyond the Capstone. Pain Scholarly Interest Group, University of Iowa College of Nursing and University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013 Evidence-Based Pain Assessment for Older Adults, Nursing Administration and Operations Council, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013 The Iowa Model: Application of QI, EBP and Research. Leadership and Care Management 96:157, University of Iowa College of Nursing, Iowa City, IA.
- 2013 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), Rhode Island Hospital, Providence, RI.
- 2013 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), CentraCare Health, St. Cloud, MN.
- 2013 Evidence-Based Pain Assessment for Older Adults (poster), STTI Gamma Chapter Research Day, College of Nursing, University of Iowa, Iowa City, IA.
- 2013 Evidence-Based Practice Staff Nurse Internship (three day program), Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2013 Piloting and Implementation of EBP, Nurse Residency Program, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2012 Case Study in Application of the EBP Implementation Guide: Evidence-Based Pain Assessment for Older Adults, Implementation Scholarly Interest Group, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, and University of Iowa College of Nursing, Iowa City, IA.
- 2012 Evidence-Based Pain Assessment for Older Adults, Power Over Pain, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012 Evidence-Based Practice for Infection Prevention; Extention Training Program for Infection Control Professionals, Hospital Epidemiology, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012 Introduction to EBP, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012 Implementation Strategies. Evidence-Based Practice Workshop: An Approach for Quality. Children's and Women's Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012 Piloting EBP Initiatives. Evidence-Based Practice Workshop: An Approach for Quality. Children's and Women's Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2012 What's the difference between QI, EBP and Research? Nursing Grand Rounds, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011 Vision for Research and Evidence-Based Practice, Clinical Nursing Leadership Development Academy, University of Iowa Hospitals and Clinics, Iowa City, IA
- 2011 Application of Implementation Science, Service Excellence Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011 Evidence-Based Practice for Infection Prevention; Extention Training Program for Infection Control Professionals, Hospital Epidemiology, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011 Prevention Falls in the Hospital, Iowa Older Adult Center for Education and Research on Therapeutics - Geriatric Lecture Series, Iowa Geriatric Education Center and University of Iowa Carver College of Medicine, University of Iowa, Iowa City, IA.
- 2011 Introduction to EBP, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Indiana University Health, Indianapolis, IN.
- 2011 Growing Your Professional Garden with EBP & Research, OSF St. Francis, Peioria, IL.
- 2011 Evidence-Based Practice at UIHC, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011 Application of Implementation Science, psychiatry department research team, University of Iowa Carver College of Medicine, Iowa City, IA.
- 2010 Evidence-Based Practice: Why Now?, Kappa Xi Chapter of Sigma Theta Tau International, Mount Mercy University, Cedar Rapids, IA.



- 2010 Evidence Matters: Leadership Development Series, Department of Nursing and Patient Care Services, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2010 Evidence-Based Practice at UIHC, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2010 Evidence-Based Practice for Infection Prevention; Extention Training Program for Infection Control Professionals, Hospital Epidemiology, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2010 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), CentraCare St. Cloud Hospital, St. Cloud, MN.
- 2010 Introduction to EBP, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2010 What is EBP? For Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 Applying the Iowa Model for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 Using the Iowa Model for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 Building Blocks for Success for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 Supporting Staff as Coaches and Leaders for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 Tips for Implementing for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2010 The Science of Implementation to Effect Change for Evidence-Based Practice: Putting the Pieces Together. Washington Hospital Center Department of Nursing, Washington, D.C.
- 2009 Introduction to EBP, Nursing Residency, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2009 Evaluation Strategies for EBP Projects, Evidence-Based Practice: An Approach for Quality, children's & Women's Services, UIHC, Iowa City, IA.
- 2009 Tips & Tools for Using the Iowa Model, Evidence-Based Practice: An Approach for Quality, children's & Women's Services, UIHC, Iowa City, IA.
- 2009 Putting Evidence into Practice and Evaluating the Impact, , Master's Round Table, Center for Excellence in Evidence-Based Practice, Texas Tech University Health Sciences Center, Odessa, TX.
- 2009 Making Difficult Decisions During the Evidence-Based Practice Process, Master's Round Table, Center for Excellence in Evidence-Based Practice, Texas Tech University Health Sciences Center, Odessa, TX.
- 2009 EBP: What's behind all the initials, Master's Round Table, Center for Excellence in Evidence-Based Practice, Texas Tech University Health Sciences Center, Odessa, TX.

- 2009 Evidence-Based Practice for Infection Prevention; Extention Training Program for Infection Control Professionals, Hospital Epidemiology, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2009 Implementation and Evaluation Strategies Supporting Evidence-Based Practice, MedCenter One, Bismark, ND.
- 2009 Nursing Leadership for Evidence-Based Practice, MedCenter One, Bismark, ND.
- 2009 EBP at UIHC: An Overview of Evidence-Based Practice, Nursing Residency Program, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2009 Creating a Learning Environment for Evidence-Based Practice, 6<sup>th</sup> Annual Florida Magnet Nursing Research Conference: Research at the Point of Care, Orlando, FL.
- 2009 Sustaining an Environment for Evidence-Based Practice, 6<sup>th</sup> Annual Florida Magnet Nursing Research Conference: Research at the Point of Care, Orlando, FL.
- 2009 Evidence-Based Practice for Infection Prevention; graduate course: Hospital Epidemiology, 173:256; University of Iowa College of Public Health, Iowa City, IA.
- 2009 Prevention and Control of Methicillin-resistant Staphylococcus aureus (MRSA): Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3day program), University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2008 Using the Iowa Model and Evidence-Based Practice Workshop, 4<sup>th</sup> Annual Research Conference: Translating Research into Practice: The Next Generation, Saint Peter's University Hospital, New Brunswick, New Jersey.
- 2008 Evidence-Based Practice: Maze, Mess or Method and Evidence-Based Practice: A Time for Action, University of Toledo College of Nursing, Dorothy Hussain Distinguished Lectureship, Toledo, Ohio.
- 2008 Evidence-Based Practice: Implications for Infection Control Professionals, Extention Training Program for Infection Control Professionals, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2008 Moving from Model to Impact, 6<sup>th</sup> Annual Nursing Research Day, the Organization of Nurse Executives of New Jersey, Princeton, New Jersey.
- 2008 Evidence-Based Practice: Implications for Infection Control Professionals, 32nd Annual Iowa Infection Control and Prevention Seminar, University of Iowa Health Care and Center for Acute Disease Epidemiology of the Iowa Department of Public Health (CADE), Des Moines, IA.
- 2007 Development and use of the Iowa Model, 2<sup>nd</sup> Annual Nursing Research Conference, Alfred I. duPont Hospital for Children, Wilmington, DE.
- 2007 What is an Evidence-Based Practice Staff Nurse Internship?, 2<sup>nd</sup> Annual Nursing Research Conference, Alfred I. duPont Hospital for Children, Wilmington, DE.
- 2007 Translation Research, 2<sup>nd</sup> Annual Nursing Research Conference, Alfred I. duPont Hospital for Children, Wilmington, DE.

- 2007 Facilitating Staff Nursing Leadership in Evidence-Based Practice, 4<sup>th</sup> Annual Research Symposium Achieving Excellence with Evidence-Based Practice, Northwest Community Hospital, OSF St. Anthony Medical Center, Delnor Community Hospital and Children's Memorial Hospital, Naperville, IL.
- 2007 Evidence-Based Practice Exemplars: Listening to Bowel Sounds & Fall Prevention, 4<sup>th</sup> Annual Research Symposium Achieving Excellence with Evidence-Based Practice, Northwest Community Hospital, OSF St. Anthony Medical Center, Delnor Community Hospital and Children's Memorial Hospital, Naperville, IL.
- 2007 Evidence-Based Practice at UIHC, Staff Nurse Council, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2007 Evidence-Based Practice: Rolling at the River (1 day program), Riverside Methodist Hospital, Columbus Ohio.
- 2007 Evidence-Based Practice Opportunities for Staff Nurses, Summer 3-10 students, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2007 Action Plans for Implementing Evidence-Based Practice Conference (1 day program), Carilion Corporate University, Roanoke, VA.
- 2007 Outcomes and Evidence in the Current Healthcare Environment (1 day program), Jefferson College, Roanoke, VA.
- 2007 An Introduction to Evidence-Based Practice, John L. McClellan Memorial Veterans Hospital, Little Rock, Arkansas.
- 2007 Overview of Evidence-Based Practice, Evidence-Based Practice Staff Nurse Internship, Alaska Native Medical Center, Anchorage, Alaska.
- 2007 Innovative Care: Implementation of Practice Change, Clinical Administrative Council, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2007 Improving Work-Life Balance for Nurse Managers: Results of a Focus Group, Clinical Administrative Council, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2006 Evidence-Based Practice, Mercy Medical Center North, Medical-Surgical Conference, North Iowa Area Community College, Mason City, IA.
- 2006 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3 day program), St. James Hospital, Chicago Heights, IL.
- 2006 Research-It's not just for PhDs (1 day program), Memorial Medical Center's annual research conference, Springfield, IL.
- 2006 An Introduction to Evidence-Based Practice, Holden Clinical Cancer Center nursing orientation, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2005 Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, St. Cloud Hospital, St. Cloud, MN.
- 2005 Evidence-Based Practice Staff Nurse Internship, 2005 Update for Nurses, University of Iowa Hospitals and Clinics, Iowa City, IA.

- 2005      Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice (3 day program), Trinity Health, Novi, MI.
- 2005      Evidence-Based Practice Staff Nurse Internship, Clinical Nursing Leadership Development Academy, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2005      3<sup>rd</sup> Annual Research Day (1 day program), St. Francis Medical Center, Hartford, CT.
- 2005      Strategies for Success: Implementing & Sustaining Change. University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2005      Annual Evidence-Based Practice Conference: Creating an Evidence-Based Practice Culture: Implementing the Iowa Model of Evidence-Based Practice (1 day program), Memorial Medical Center, Springfield, IL.
- 2005      Integrating Evidence with Practice (1 day program), Central Baptist Hospital and Baptist Healthcare System, Lexington, KY.
- 2005      Tools for Evidence-Based Practice (1 day program), Iowa Health System, Des Moines, IA.
- 2004      Alaska Native Medical Center's Evidence-Based Practice Staff Nurse Internship (5 day program), Alaska Native Medical Center, Anchorage, AL.
- 2004      Evidence-Based Practice Workshop (1 day program), OSF Saint Francis Medical Center, Peoria, IL.
- 2004      18<sup>th</sup> Annual Nursing Research Symposium: Evidence-Based Practice. Content: What is EBP?; Application of the Iowa Model; Implementation Strategies that Work; Evaluation for Impact; and Creative Thinking Exercise. University of Chicago Hospitals. Chicago, IL.
- 2004      Evidence-Based Practice Workshop. Content: What is EBP?; Introduction to the Iowa Model; Topics to Teams: Which one is for you?; Synthesis of the Evidence; Building an Action Plan; Piloting/Trialing the Practice Change; Implementation Strategies That Work; Evaluation for Impact; Integrating EBP into the Organization; The Evidence-Based Practice Staff Nurse Internship; Creative Thinking; Applying the Principles Work Sessions; and, Lessons Learned. Kalispell, MT
- 2004      University of Iowa Hospitals and Clinics Evidence-Based Practice Staff Nurse Internship, Staff Nurse Enrichment Day, UIHC, Iowa City, IA
- 2004      Evidence-Based Practice for Nursing Leaders, Nursing Administration Course 96:261, University of Iowa, College of Nursing, Iowa City, IA.
- 2003      Evidence-Based Practice Workshop, Walter Reed Medical Center and National Navel Medical Center, Bethesda, MD.
- 2003      Evidence-Based Practice Projects, RN to BSN Nursing Course, University of Iowa, College of Nursing, Iowa City, IA.
- 2003      Partnerships in Evidence-Based Practice. Second Annual Evidence-Based Practice Conference, Anchorage, AK.

- 2003 Using Tools to Examine the Evidence. Second Annual Evidence-Based Practice Conference, Anchorage, AK.
- 2003 Isabelle Brandon Distinguished Lecture Series: Evidence-Based Practice, Truman Medical Center, Kansas City, MO.
- 2003 An Innovative Program for Staff Nurse Participation in Evidence-Based Practice. Iowa Organization of Nursing Leaders, Iowa City, IA.
- 2002 Evidence-Based Practice. Rehab Nurses of Iowa, Amana Colonies, IA.
- 2002- 2005 Exemplars of Evidence-Based Practice, Undergraduate RN-BSN Research for Practicing Nurses course 96:197, University of Iowa College of Nursing, Iowa City, IA.
- 2002 Evidence-Based Practice and Outcomes Management, Nursing Administration Course 96:261, University of Iowa, College of Nursing, Iowa City, IA.
- 2002 Evidence-Based Practice in Nursing, Graduate Nursing Core Course 96:206: Nursing Science and Inquiry, University of Iowa College of Nursing, Iowa City, IA.
- 2001- 2003 Evidence-Based Practice, Undergraduate Nursing Research Course 96:143, University of Iowa College of Nursing, Iowa City, IA.
- 2001- 2003 Evidence-Based Practice Model: Overview and Evidence-Based Practice Staff Nurse Internship, Clinical Nursing Leadership Development Academy, University of Iowa Hospitals and Clinics and University of Iowa College of Nursing, Iowa City, IA.
- 2001 Research Utilization at UIHC, Nursing Student Education Day, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1999 Using Nursing Research in Practice, Hawkeye Community College, Waterloo, IA.
- 1994 Instrument Development with Chronically Ill Older Adults, Sigma Theta Tau, Kappa Mu Chapter and Mayo Center for Nursing, Rochester, MN.
- 1993 Defining Fluid and Electrolyte Nursing Interventions (poster), Sigma Theta Tau, Kappa Mu Chapter and Mayo Center for Nursing, Rochester, MN.
- 1993 Anoxia Encephalopathy, CCU inservice, St. Mary's Hospital, Rochester, MN.
- 1992 Circulatory Nursing Interventions: Validation for Taxonomy Development (poster), Sigma Theta Tau, Kappa Mu Chapter and Mayo Center for Nursing, Rochester, MN.
- 1992 Development and Validation of Fluid and Electrolyte Nursing Interventions, Sixth Annual Spring Research Day, Luther College School of Nursing, Decorah, IA.
- 1991 Anoxia Encephalopathy, Eastern Iowa Chapter of the American Association of Critical Care Nurses, Iowa City, IA.
- 1991 Circulatory Nursing Interventions: Validation for Taxonomy Development (poster presentation), Graduate Student Exchange, Midwest Nursing Research Society, Oklahoma City, OK.

- 1990            Mechanical Ventilation: What's Blowing in the Wind, Annual Critical Care Nursing Symposium, Eastern Iowa Chapter of the American Association of Critical Care Nurses, Iowa City, IA.
- 1990            Septic Shock, Multiple Organ Failure CEU, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1990            Cardiovascular Topics, CEU, Ottumwa Regional Health Care Center, Ottumwa, IA.
- 1990            Central Line Monitoring of the Obstetric Patient, OB-GYN Nursing Division, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1989            Relaxation Therapy for Pain Control, Pain in Critical Care CEU, University of Iowa, Iowa City, IA.
- 1989            Nursing Recruitment and Retention, Human Resources Committee meeting, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1989            Advanced Cardiovascular Topics, Mary Greeley Medical Center, Ames, IA.
- 1988            Relaxation Techniques After Percutaneous Transluminal Coronary Angioplasty, Twelfth Annual Advanced Cardiovascular Nursing Conference, Iowa City, IA.
- 1988            Nursing Care of the Valvuloplasty Patient, Eastern Iowa Chapter of the American Association of Critical Care Nurses, Iowa City, IA.
- 1987-1990      Nursing Assessment of the Neurosurgical Patient in Respiratory Failure, Neuroscience Division Orientation Classes, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 1987-1991      Cardiovascular and Pulmonary Topics, Critical Care Division Orientation and Inservices, University of Iowa Hospitals and Clinics, Iowa City, IA.

#### **PARTICIPATION IN CONDUCT OF RESEARCH**

- 2025            Co-investigator, AHRQ, Iowa Healthcare Extension Cooperative: Accelerating Statewide Implementation of Evidence-based Behavioral Health Initiatives (PI: H Reisinger, \$25 Million – in review). My role is to develop capacity for adoption of coordinated mental health in rural primary care clinics across Iowa. This includes a gap assessment, developing training and tools, mentoring development of EBP and implementation skills, along with development of the organizational infrastructure for adoption and sustained use. Precision Implementation Approach will use the Iowa Model and the Iowa Implementation for Sustainability Framework.
- 2024            Co-Investigator, University of Virginia Health, Evaluation of the Iowa Implementation Framework to Guide Change in a Large, Complex Health System (PI: P. DeGuzman, internal funding). My responsibility is to collaborate on study design, and assist with data interpretation, and dissemination.
- 2024            Co-Investigator, University of Iowa Health Care, Office of Nursing Research and EBP: Mapping Local Barriers and Facilitators to Implementation Strategies and Implementation Outcomes related to Fall Prevention: A Pilot Study (PI: E. Laures, funding amount \$5,000). My responsibilities for the qualitative study are data coding, data analysis, interpretation, and dissemination.

- 2022 Co-investigator, University of Iowa Community Engaged Scholarship/Research, The Community and University Partners Implement Listening Visits for Distressed NICU Mothers: The CUPID Project (PI: L. Segre, not funded). My responsibility is to provide training and mentoring for implementation and use of the Precision Implementation Approach™ of this evidence-based listening visit intervention for early intervention in depression prevention among NICU parents.
- 2021 Co-PI, University of Iowa Research Foundation, Prototype to prevent medication errors associated with IV infusion of secondary medications (PI: L. Cullen/P. Pennathur, funding amount \$10,000). My responsibilities are identification of needs, oversight of team, coordinate user input, nursing expertise and dissemination.
- 2020-2021 Co-Investigator, National Science Foundation, RAPID: Triage Decisions during Catastrophic Events: A Study of Frontline Triage Nurses (PI – P. Pennathur, funding amount \$100,000). My responsibilities are identification of the need, methods, data collection, analysis, and dissemination.
- 2019-2022 Principal Investigator, Internal funding: Evaluate and Update the Iowa Implementation for Sustainability Framework (PI: L. Cullen). My responsibility was identification of need, application of implementation science, collaboration for study design, data interpretation, and dissemination.
- 2020 Co-Investigator, UI Office of Research & Economic Development, Iowa Center for Research by Undergraduates: Task Switching during Nurses Pain Management (Faculty mentor-P. Pennathur, student –Clara Lyden, scholarship amount \$2,500). My responsibilities are defining the aims, providing consultation and networking to promote data collection, data analysis and dissemination. Study ended prematurely due to COVID-19 pandemic.
- 2018 Co-PI, University of Iowa Institutional Grant Award from Aging Mind and Brain Initiative: Nurse Judgments for Pain Interventions in Elderly who underwent Total Knee Replacement Surgery (PI-P. Pennathur, funding amount \$5,000): A Brunswick Judgment Modeling Approach. My responsibilities include proposal development, nurse and patient recruitment, data collection, analysis and dissemination.
- 2018 Co-Investigator, UI Office of Research & Economic Development, Iowa Center for Research by Undergraduates: Cognitive and System Factors related to smart pump use (Faculty mentor-P. Pennathur, student –Isabel Szpara, scholarship amount \$2,500). My responsibilities are defining the aims, providing consultation and networking to promote data collection, data analysis and dissemination.
- 2016-2021 Affiliated faculty member, NINR T32 grant: Pain and Associated Symptoms: Nurse Research Training (PI: K. Herr/A.M. McCarthy). This grant trains pre and postdoc scientists in the area of pain and related symptoms. My responsibilities include involvement in aspects the training program, including providing consultation appropriate to trainees' research goals; participating in the College of Nursing's informal program training activities such as our Scholarly Interest Groups (Pain, Big Data/Technology); serving as presenters at research forums or as mock reviewers for grant proposals; and serving as a committee member for PhD students or as a mentor for postdoctoral fellows.
- 2014-2016 PI, University of Iowa, Adult Clinical Practice Collaborative Research Award: Cognitive Work Associated with Evidence-Based Pain Management (co-PI: P. Pennathur; funding amount \$15,000), University of Iowa Hospitals and Clinics and University of Iowa College of Nursing, Iowa City, IA. My responsibility includes developing the study aim, designing the conceptual framework, methods and measures, data collection, analysis of data and dissemination.

- 2012-2014 Co-principal investigator, DAISY Foundation grant: Sustaining Evidence-Based Nursing Practices for Fall Prevention in Hospitalized Oncology Patients (PI: S. Tucker; funding amount \$5,000), University of Iowa Hospitals and Clinics, Iowa City, IA. My responsibility includes designing the conceptual framework and measures, data collection, analysis of data and dissemination.
- 2009-2010 Program consultant, MRSA implementation grant across the state of Iowa (PI: L. Herwaldt), University of Iowa Department of Epidemiology, Iowa City, IA. My responsibilities were to serve as program faculty for regional consultants across the state of Iowa. I also provided teleconference consultations to promote adoption of MRSA prevention strategies using evidence-based and creative implementation strategies supporting regional consultants to share within their region.
- 2008-2009 Co-investigator, AONE seed grant: Examining Nurse Manager Behaviors related to use of EBPs on nursing units (PI: L. Shever; funding amount \$8,000), University of Iowa College of Nursing, Iowa City, IA. My responsibilities include assisting with the process for site selection and qualitative analysis of data.
- 2004-2007 Program assistant, NINR grant: Gerontological Nursing Interventions Research Center Grant. (\$2,342,169. PI: Toni Tripp-Reimer; Translation Core PI-Title: \$715,918). P30 NR003979. My responsibilities included designing and coordinating an educational program for training nurses on advanced EBP skills to promote translation of research into practice. I served as program faculty with consultation to participants. Consultation supported project planning, troubleshooting implementation, planning project evaluation, and suggesting infrastructure revisions to promote translation of research into practice.
- 2003-2006 Program consultant, Veterans Affairs VISN 23 Evidence-Based Practice Network grant (PI: Wakefield; funding amount \$209,000), VA Iowa City Health Care System, Iowa City, IA. My responsibilities include major leadership for implementing evidence-based practices across VA sites within the VISN 23 five state regions, with on-site and remote consultation with participating sites and writing grant reports. Consultation supported adoption of evidence-based practices; examples include orthostatic blood pressure measurement; early identification, prevention and treatment of delirium in acutely ill veterans; and assessment, prevention and treatment of oral mucositis.
- 2003-2004 Project manager, Advancing Quality Care Through Translation Research, US. Invitational Conference (PI: Titler, 1 R13 HS014141-01; funding amount \$49,743), University of Iowa Hospitals and Clinics, Iowa City, IA. I had responsibility for leading program planning, facilitating instruments development for repeated program evaluations, facilitating program writing and grant reporting. Program planning supported work of the national steering committee, invited faculty and 74 invited scientists from 11 states and all regions of the U.S. and one from Australia.
- 1992-1997 Co-investigator, Uniform Needs Assessment Instrument testing (PI: Westra), Interagency research team, Rochester, MN. My responsibility was to facilitate team work and provide clinical expertise for data elements and instrument review and testing.
- 1992-1993 Research Assistant, Home Care Client Satisfaction Instrument development and testing (PI: Westra, partial funding from Minnesota Nurses Association), Shamrock In-Home Nursing Care, Rochester, MN. I was responsible for tool development, testing and reporting results. The instrument has subsequently been used at the federal level and internationally.
- 1992-1993 Research Assistant, Database testing and analysis (NMDS) (PI: Westra), Shamrock In-Home Nursing Care, Rochester, MN. I was responsible for database set-up and testing of the databases



ability to capture documentation of nursing practices, verification with clinical nurses and reporting results.

- 1991-1993      Research Assistant, Shamrock Care Options, (PI: Westra) Rochester, MN. I had a variety of responsibilities supporting conduct of research for homecare nursing including database management, review and synthesis of research evidence, writing reports, etc.
- 1989-1991      Research team member, Nursing Intervention Classification (PI: McCloskey & Bulechek), University of Iowa, College of Nursing, Iowa City, IA. I was responsible for identifying, development and testing of critical care nursing practices including circulatory, fluid and electrolyte and acid-base nursing activities and interventions and reporting results.

#### **GRANT FUNDING FOR EBP**

- 2012-2015      Consultant, Joint Multi-Disciplinary Evidence Based Practice Complex Wound Care Guideline (PI: CDR Michele Kane, PhD, RN), Walter Reed National Military Medical Center, Bethesda, MD. Funding from TriService Nursing Research Program funding through the Geneva Foundation
- 2010-2013      Mentor, Energy Through Motion (PI: Linda Moeller & Linda Abbott; JPB-025-A; \$2,000), University of Iowa Hospitals and Clinics, Iowa City, IA. Funding from the Daisy Foundation EBP Grant, Glen Ellen, CA.
- 2010-2013      Mentor, Oral Care for Prevention and Treatment of Oral Mucositis (PI: Sharon Baumler; JPB-041-A, \$2,000), University of Iowa Hospitals and Clinics, Iowa City, IA. Funding from the Daisy Foundation EBP Grant, Glen Ellen, CA.

#### **OTHER PROFESSIONAL ACTIVITIES**

- 2015              Member of Steering Committee, American Academy of Nursing, Choosing Wisely® Initiative.
- 2015-present    Manuscript reviewer for BMC Medical Education
- 2014-present    Editorial Board member, American Journal of Nursing. Wolters Kluwer Health. Lippincott, Williams & Wilkins. New York, NY.
- 2014              Manuscript reviewer for American Journal of Infection Control
- 2012-present    International Advisory Board, Education and Research Center for Evidence-Based Nursing Knowledge, Chungnam National University, College of Nursing, Daejeon, South Korea
- 2011-2020      Grant review panel member, DAISY Foundation, Glen Ellen, CA.
- 2011-present    Abstract reviewer for Sigma Theta Tau, International Honor Society of Nursing, Indianapolis, IN.
- 2011-present    Member of the Nursing Research and EBP Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
- 2011-2012      Consultant supporting Evidence-Based Practice, Indiana University Health, Indianapolis, IN.
- 2010-present    Column author and manuscript reviewer for Journal of PeriAnesthesia Nursing
- 2010-present    Manuscript reviewer for American Journal of Nursing

2010-present	Abstract reviewer for the American Academy of Nursing, Washington DC.
2010-present	Abstract reviewer for the Midwestern Nursing Research Society, Columbus, OH.
2010-present	Facilitator for the Professional Nursing Practice Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
2010-present	Curriculum advisor, New Graduate Nurse Residency Program, Clinical Nursing Education Center, Department of Nursing, University of Iowa Hospitals and Clinics, Iowa City, IA.
2009	Consultatant supporting Evidence-Based Practice with Keimyung University, Daegu, South Korea.
2009-2010	Consultatant supporting Evidence-Based Practice with the Center for Excellence in Evidence-Based Practice, Texas Tech University Health Sciences Center, Odessa, TX.
2009-2011	Co-chair, Nursing Research and EBP Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
2009	Manuscript reviewer for Western Journal of Nursing Reseach
2009	Manuscript reviewer for Nursing Reseach
2008-present	Co-Chair annual National Evidence-Based Practice Conference, University of Iowa Hospitals and Clinics, Iowa City, IA.
2007-present	Manuscript reviewer for Worldview on Evidence-Based Nursing.
2007-2008	Consultation supporting Evidence-Based Practice with the National Naval Medical Center and Walter Reed Army Medical Center, Bethesda MD.
2006-2008	Chair of the Education Working Group for the National Nursing Practice Network, University of Iowa.
2006-2007	United States representative on the development group for Evidence-Based Practice Position Statement, Sigma Theta Tau International, Indianapolis, IN.
2006-2009	Co-Chair, Oral Mucositis Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
2005-2008	Consultation supporting Evidence-Based Practices with St. Cloud Hospital, St. Cloud, MN.
2005-2007	Consultation supporting Evidence-Based Practices with Trinity Health, Novi, MI.
2005	International Judge for 2005 Clinical Scholarship Award, Sigma Theta Tau, International Awards for Nursing Excellence, Indianapolis, IN.
2005	Invited participant: Nursing Best Practice Research & Evaluation Unit: Invitational Symposium: From Vision to Action, University of Ottawa and Registered Nurses Association of Ontario, Toronto, Canada.
2003-2004	International abstract reviewer: Sigma Theta Tau, International, Evidence-Based Practice Preconference for the annual International Research Congress, Indianapolis, IN.

2003-2004	Consultation supporting Evidence-Based Practice with the National Naval Medical Center and Walter Reed Army Medical Center, Bethesda MD.
2001-2007	Consultation supporting Evidence-Based Practice with the Alaska Native Medical Center, Anchorage, AK.
2001-2018; 2022- present	Facilitator and faculty, Evidence-Based Practice Staff Nurse Internship, University of Iowa Hospitals and Clinics, Iowa City, IA.
1998-2009	Member of the Nursing Research Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.
1998-present	Member of the Nursing Quality Management Committee, University of Iowa Hospitals and Clinics, Iowa City, IA.