

CURRICULUM VITA

Barbara Bagdasarian Brewer, Professor
The University of Arizona College of Nursing
bbrewer@email.arizona.edu
RN License: Arizona RN092478

ACADEMIC EDUCATION:

1968-1972	University of Rhode Island, Kingston, Rhode Island	Bachelor of Science
1982-1986	Wesleyan University, Middletown, Connecticut	Master of Arts in Liberal Studies
1986-1988	Yale University, New Haven, Connecticut	Master of Science in Nursing
1990-1992	Columbia University, New York, New York	Master of Business Administration
1998-2002	The University of Arizona, Tucson, Arizona	PhD, Clinical Nursing Research

CURRENT KEY LEADERSHIP POSITIONS:

2009-present Research Advisor to the Board, Watson Caring Science Institute
 2019-2020 Professor, The University of Arizona College of Nursing
 2020-present Professor Emerita, The University of Arizona College of Nursing
 2015- present Board Member, Watson Caring Science Institute

PROFESSIONAL EXPERIENCE:

1972	Staff Nurse, Miriam Hospital, Providence, Rhode Island
1973-1974	Staff Nurse, Frisbie Memorial Hospital, Rochester, New Hampshire
1974-1976	Head Nurse, Frisbie Memorial Hospital, Rochester, New Hampshire
1976	Staff Nurse, St. Francis Hospital and Medical Center, Hartford, Connecticut
1976-1977	Staff Nurse, Middlesex Memorial Hospital, Middletown, Connecticut
1977-1986	Clinical Coordinator, Middlesex Memorial Hospital, Middletown, Connecticut
1987-1988	Per Diem Staff Nurse, Lawrence and Memorial Hospital, New London, Connecticut
1988-1992	Administrative Director Cardiology Services, Lawrence and Memorial Hospital, New London, Connecticut
1992-1995	Vice President Ambulatory Services, Lawrence and Memorial Hospital, New London, Connecticut
1996-1997	Administrative Leader Emergency Services, Tucson Medical Center, Tucson, Arizona
1998-2001	Research Associate, The University of Arizona College of Nursing, Tucson, Arizona
2001-2003	Project Director IMPACT Study, The University of Arizona College of Nursing, Tucson, Arizona
2003-2005	Vice President Quality, Clarian Health Partners, Indianapolis, Indiana
2003-2006	Adjunct Faculty, Indiana University School of Nursing, Indianapolis, Indiana
2004-2009	Adjunct Associate Professor, The University of Arizona College of Nursing, Tucson, Arizona
2005-2010	Adjunct Faculty, Arizona State University College of Nursing and Healthcare Innovation, Phoenix, Arizona
2005-2010	Director of Professional Practice, John C. Lincoln North Mountain Hospital, Phoenix, Arizona
2009-2010	Research Assistant Professor, The University of Arizona College of Nursing, Tucson, Arizona
2010-2011	Research Consultant, John C. Lincoln North Mountain Hospital, Phoenix, Arizona
2010-2012	Clinical Assistant Professor, The University of Arizona College of Nursing, Tucson, Arizona

2012-2014 Clinical Associate Professor, The University of Arizona College of Nursing, Tucson, Arizona
 2014-2019 Associate Professor, The University of Arizona College of Nursing, Tucson, Arizona
 2019-2020 Professor, The University of Arizona College of Nursing, Tucson, Arizona
 2020-present Professor Emerita, The University of Arizona College of Nursing, Tucson, Arizona

PUBLICATIONS: (since 1997) (# data-based, ^ peer reviewed, + invited)

Articles:

#^**Brewer, B. B.**, & Jackson, L. (1997). A case management model for the emergency department. *Journal of Emergency Nursing*, 23, 618-621.

#^Phillips, L. R., **Brewer, B. B.**, and Torres de Ardon, E. (2001). The elder image scale: A method for indexing history and emotion in family caregiving. *Journal of Nursing Measurement*, 9 (1), 23-47.

#^Effken, J.A., **Brewer, B.B.**, Patil, A., Lamb, G.S., Verran, J.A., and Carley, K.M. (2003). Using computational modeling to transform nursing data into actionable information. *Journal of Biomedical Informatics*, 36, 351-361.

#^Effken, J.A., **Brewer, B.B.**, Patil, A., Lamb, G.S., Verran, J.A. (2004). Using Computational modeling to improve patient care unit safety and quality outcomes. *MedInfo 2004*, 726-730.

#^Effken, J.A., **Brewer, B.B.**, Patil, A., Lamb, G.S., Verran, J.A., & Carley, K. (2005). Using OrgAhead, a computational modeling program, to improve patient care unit safety and quality outcomes. *International Journal of Medical Informatics*, 74, 605-613.

#^Nadolski, G.J., Bell, M.A., **Brewer, B.B.**, Frankel, R.M., Cushing, H.E., & Brokaw, J.J., (2006). Evaluating the quality of interaction between medical students and nurses in a large teaching hospital. *Medical Education*, 6, 23.

#^Insel, K.C., Morrow, D.G., **Brewer, B.B.**, Figueredo, A.J., (2006). Executive function, working memory and medication adherence among older adults. *Journal of Gerontology: Psychological Sciences*, 61(2), P102-107.

#^**Brewer, B.B.** (2006). Is patient acuity a proxy for patient characteristics of the AACN Synergy model for patient care? *Nursing Administration Quarterly*, 30, 351-357.

#*^**Brewer, B.B.** (2006). Relationships among Teams, Culture, Safety and Cost Outcomes. *Western Journal of Nursing Research*, 28, 641-653.

#Kramer, M., Maguire, P., Schmalenberg, C., **Brewer, B.**, Burke, R., Chmielewski, L., Cox, K., Kishner, J., Krugman, M., Meeks-Sjostrom, D., & Waldo, M. (2007). Nurse manager support. What it is and structures and practices that promote it. *Nursing Administration Quarterly*, 31, 325-340.

#^**Brewer, B.B.**, Wojner-Alexandrov, A.W., Triola, N., Pacini, C., Cline, M., & Rust, J.E. (2007). AACN Synergy model's characteristics of patients: Psychometric analyses in a tertiary care health system. *American Journal of Critical Care*, 16, 158-167.

#^**Brewer, B. B.**, Verran, J. A., Stichler, J. L. (2008). The systems research organizing model: A conceptual perspective for facilities design. *Health Environments Research and Design Journal*, 1(4), 7-19.

#^Schmalenberg, C., Kramer, M., **Brewer, B.B.**, Burke, R., Chmielewski, L., Cox, K., Kishner, J., Krugman,

M., Meeks-Sjostrom, D., & Waldo, M. (2008). Clinically competent peers and support for education: Structures and practices that work. *Critical Care Nurse*, 28(4), 54-60, 62-65.

#^Kramer, M., Schmalenberg, C., Maguire, P., **Brewer, B. B.**, Burke, R., Chmielewski, L., Cox, K., Kishner, J., Krugman, M., Meeks-Sjostrom, D., & Waldo, M. (2008). Structures and practices enabling staff nurses to control their practice. *Western Journal of Nursing Research*, 30, 539-559.

+Milton, D., Pipe, T.B., Hatler, C., **Brewer, B.B.**, LaMar, K., Clark, C., and Estrada, N. (2008). Clarifying the role of director of nursing research in clinical settings: Expectations and challenges. *Nurse Leader*, 6 (4), 29-33.

+Clarke, P.N., Watson, J., & **Brewer, B.B.** (2009). From theory to practice. Caring science according to Watson and Brewer. *Nursing Science Quarterly*, 22, 339-345.

#^Kramer, M., Schmalenberg, C., **Brewer, B.B.**, Verran, J.A., Keller-Unger, J. (2009). Accurate assessment of clinical nurses' work environments: Response rate needed. *Research in Nursing and Health*, 32, 229-240.

+**Brewer, B. B.**, Brewer, M. A., Schultz, A. A. (2009). A Collaborative Approach to Building the Capacity for Research and EBP in Community Hospitals. *Nursing Clinics of North America*, 44 (1), 11-25.

#^Kramer, M., Maguire, P., & **Brewer, B.B.** (2011). Clinical nurses in Magnet hospitals confirm productive, healthy unit work environments. *Journal of Nursing Management*, 19, 5-17.

#^Duffy, J.R., & **Brewer, B.B.** (2011). Feasibility of a multi-institution collaborative to improve patient-nurse relationship quality. *Journal of Nursing Administration*, 41, 78-83.

#^Zimmerman, K., Domb, A., **Brewer, B.B.**, Johnson, R. (2011). Brushing away ventilator-associated pneumonia. *Nursing 2011 Critical Care*, 6(4), 7-11.

#^Effken, J.A., **Brewer, B.B.**, Logue, M.D., Gephart, S.M., & Verran, J.A. (2011). Using cognitive work analysis to fit decision support tools to nurse managers' work flow. *International Journal of Medical Informatics*, 80, 698-707.

#^ Effken, J.A., Carley, K.M., Gephart, S., Verran, J.A., Bianchi, D., Reminga, J., **Brewer, B.B.** (2011). Using ORA to explore the relationship of nursing communication to patient safety and quality outcomes. *International Journal of Medical Informatics*, 80, 507-517.

#^Kramer, M., Maguire, P., Halfer, D., **Brewer, B.**, Schmalenberg, C. (2011). Impact of residency programs on professional socialization of newly licensed registered nurses. *Western Journal of Nursing Research*, 35, 459-496.

#^Effken, J.A., Carley, K.M., Lee, J., **Brewer, B.B.**, & Verran, J.A. (2012). Simulating nursing unit performance with OrgAhead: Strengths and Challenges. *Computers Informatics Nursing*, 30, 620-626.

#^Effken, J.A., Gephart, S.M, **Brewer, B.B.**, & Carley, K.M. (2013). Using *ORA, a network analysis tool, to assess the relationships of handoffs to quality and safety outcomes. *Computers Informatics Nursing*, 31, 36-44.

#^Kramer, M., **Brewer, B.B.**, & Maguire, P. (2013). Impact of healthy unit work environments on new graduate nurses' environmental reality shock. *Western Journal of Nursing Research*, 35, 348-383. DOI: 10.1177/0193945911403939

- #^Kramer, M., **Brewer, B.B.**, Halfer, D., Maguire, P., Beausoleil, S., Claman, K., MacPhee, M., & Duchscher, J.B. (2013). Changing our lens: Seeing the chaos of professional practice as complexity. *Journal of Nursing Management*, *21*, 690-704.
- #^**Brewer, B.B.**, & Verran, J.A. (2013). Measuring nursing unit environments with four composite measures. *Nursing Economics*, *31*, 241-249.
- #^Duffy, J.R., **Brewer, B.B.**, & Weaver, M.T. (2014). Revision and psychometric properties of the Caring Assessment Tool. *Clinical Nursing Research*, *23*, 80-93. PMID: 20479290.
- #^Kramer, M., **Brewer, B.B.**, Halfer, D., Hnatiuk, C.N., MacPhee, M., & Schmalenberg, C. (2014). The Evolution and Development of an Instrument to Measure Essential Professional Nursing Practices. *Journal of Nursing Administration*, *44*, 569-576.
- +Watson, J., & **Brewer, B.B.** (2015). Guest Editorial: Caring science research: Criteria, evidence and measurement. *Journal of Nursing Administration*, *45*, 235-236.
- #^**Brewer, B.B.**, & Watson, J. (2015). Evaluation of Authentic Human Caring Professional Practices. *Journal of Nursing Administration*, *45*, 622-627.
- #^Mathew, L., **Brewer, B.B.**, Crist, J.D., & Poedel, R.J. (2017). Designing a virtual simulation case for cultural competence using a community-based participatory research approach: A Puerto Rican case. *Nurse Educator*, *42*, 191-194.
- #^Benham-Hutchins, M.M., **Brewer, B.B.**, Carley, K.M., Kowalchuk, M., Effken, J.A. (2017). Design and implementation of a social network analysis data collection system. *Online Journal for Nursing Informatics*, *21*(2), Available at <http://www.himss.org/ojni>.
- #^Kramer, M., **Brewer, B.B.**, Halfer, D., Hnatiuk, C.N., MacPhee, M., Duchscher, J.B., Maguire, P., Coe, T., & Schmalenberg, C. (2017). Impact of professional nursing practices on patient/nurse outcomes: Testing the essential professional nursing practices (EPNP) instrument. *Journal of Nursing Administration*, *47*, 278-288.
- #^Hayter, K.L., & **Brewer, B.B.** (2017). Halldorsdottir's modes of being with another to evaluate patient comments. *International Journal for Human Caring*, *21*, 172-175. doi: 10.20667/HumanCaring-D-17-00064
- #^Parmar, R., **Brewer, B.B.**, Szalacha, L.A. (2018). Foot massage, touch, and presence in decreasing anxiety during MRI: A feasibility study. *Journal of Alternative and Complementary Medicine*, *24*, 268-275. doi.org/10.1089/acm.2016.0274
- #^**Brewer, B.B.**, Carley, K.M., Benham-Hutchins, M., Effken, J.A., Reminga, J., & Kowalchuck, M. (2018). Relationship of staff information-sharing and advice networks to patient safety outcomes. *Journal of Nursing Administration*, *48*, 437-444.
- #^Frechette, J., Gros, C.P., **Brewer, B.B.**, Kramer, M., Lavigne, G., & Lavoie-Tremblay, M. (2018). Essential professional nursing practices in mentalhealth: A cross-sectional study of hospital inpatient care. *International Journal of Mental Health Nursing*, *27*, 1490-1500. doi: 10.1111/inm.12449
- Nibbelink, C.W., Young, J.R, Carrington, J.M., & **Brewer, B.B.** (2018). Informatics solutions for application of decision-making skills. *Critical Care Nursing Clinics of North America*, *30*, 237-246.

- ^Nibbelink, C., & **Brewer, B.B.** (2018). Decision-making in nursing practice: An integrative literature review. *Journal of Clinical Nursing*, 27, 917-928. Doi:10.1111/jocn.14151
- #**Brewer, B.B.**, Carley, K.M., Benham-Hutchins, M., Effken, J.A., & Reminga, J. (2018). Nursing unit Design, Nursing Staff Communication Networks and Patient Falls: Are They Related? *Health Environments Research and Design Journal*, 11(4), 82-94.
- #^Hayter, K.L., & **Brewer, B.B.** (2018). Patient perceptions of caring in a Midwestern hospital. *International Journal for Human Caring*, 22, 147-152.
- #^Benham-Hutchins, M., Carley, K.M., **Brewer, B.B.**, Effken, J.A., & Reminga, J. (2018). A natural experiment: The influence of a US public health emergency on nursing unit communication. *JMIR Nursing*, 1(1). doi:10.2196/11425 Available at <https://nursing.jmir.org/2018/1/e11425/>
- ^Shea, K.D., **Brewer, B.B.**, Carrington, J.M., Davis, M., Gephart, S., & Rosenfeld, A. (2018). A model to evaluate data science in nursing doctoral curricula. *Nursing Outlook*. doi: <https://doi.org/10.1016/j.outlook.2018.10.007>
- ^Snyder, K., & **Brewer, B.B.** (2019). Workforce agility: An answer to turbulence in acute care nursing environments? *Nursing Management*, 50(8), 46-50.
- ^Halfer, D., **Brewer, B.**, Ulrich, B., & Kramer, M. (2019). A professional nursing acute care practice curriculum. *Journal of Nursing Administration*, 49, 604-609.
- #^Alexandrov, A.W., **Brewer, B.B.**, Moore, K., Grau, C., Beenstock, D., Cudlip, F....Alexandrov, A. (2019). Measurement of patients' perceptions of the quality of acute stroke services: Development and validation of the STROKE perception report. *Journal of Neuroscience Nursing*, 51, 208-216.
- #**Brewer, B.B.**, Carley, K.M., Benham-Hutchins, M., Effken, J.A., & Reminga, J. (2020). Exploring the stability of communication network metrics in a dynamic nursing context. *Social Networks*, 61, 11-19.
- #**Brewer, B.B.**, Anderson, J., & Watson, J. (2020). Evaluating changes in caring behaviors of caritas coaches pre and post the caritas coach education program[©]. *Journal of Nursing Administration*, 50, 85-89.
- #^Farinelli, L.A., Piacentino, D., Browning, B.D, **Brewer, B.B.**, & Leggio, L. (2021). Understanding the effects of excessive alcohol drinking on the cardiovascular system via electrocardiogram (ECG): A systematic review. *Journal of Addictions Nursing* 32(1), 39-45.
- #**Brewer, B.B.**, Quinn, M.C., Bethel, C. (2020). What makes a med-surg unit excellent? *MEDSURG Nursing*, 29, 145-157.

Chapters and Books

- Mulholland, G., & **Brewer, B. B.** (1990). *A systematic approach to 12-lead ECG interpretation*. Baltimore: Williams and Wilkins.
- Brewer, B.B.** (2007). Measurement of the AACN Synergy model for patient care. In M.A.Q. Curley (Ed.), *Synergy: The Unique Relationship Between Nurses and Patients* (pp 239-253). Indianapolis: Sigma Theta Tau.
- Brewer, B.B.** (2007). Managing quality and patient safety. In R.A.P. Jones (Ed.), *Nursing leadership and*

management: Theories, processes and practice (pp 239-263). Philadelphia: F.A. Davis.

Alexandrov, A.W., & **Brewer, B.B.** (2011). The role of outcomes in evaluating practice change. In B.M. Melnyk & E. Fineout-Overholt (Eds.), *Evidence-Based Practice in Nursing & Healthcare. A Guide to Best Practice* (2nd ed., pp 226-237). Philadelphia: Lippincott Williams & Wilkins.

Brewer, B.B., & Alexandrov, A.W. (2015). The role of outcomes in evaluating practice change. In B.M. Melnyk & E. Fineout-Overholt (Eds.), *Evidence-Based Practice in Nursing & Healthcare. A Guide to Best Practice* (3rd ed.). Philadelphia: Lippincott Williams & Wilkins.

Reed, P.G., & **Brewer, B.B.** (2017). Generating knowledge in practice: Philosophical and methodological considerations. In P. G. Reed & N. C. Shearer (Eds.), *Nursing knowledge and theory innovation: Advancing the science of practice* (2nd ed.).

Brewer, B.B. & Watson, J. (2018). Evaluation of authentic human caring professional practices. In W. Rosa, S. Horton-Deutsch, & J. Watson (Eds.). *A handbook for caring science: Expanding the paradigm* (pp. 317-326). New York: Springer Publishing Company.

Alexandrov, A.W., Brewer, T., & **Brewer, B.B.** (2019). The role of outcomes and quality improvement in enhancing and evaluating practice. In B.M. Melnyk & E. Fineout-Overholt (Eds.), *Evidence-Based Practice in Nursing & Healthcare. A Guide to Best Practice* (4th ed.). Philadelphia: Lippincott Williams & Wilkins.

Abstracts

Brewer, B.B., Effken, J.A., & Gephart, S. (2014, September). Using ORA to explore the relationship of handoff networks to adverse drug events. Paper presented at the Council for the Advancement of Nursing Science 2014 State of the Science Congress on Nursing Research, Washington, DC.

Benham-Hutchins, M., & **Brewer, B.B.** (2015, November). Social Network Analysis: Data Collection Challenges and Solutions. Poster presented at the American Medical Informatics Association (AMIA) Annual Symposium; San Francisco, CA.

Benham-Hutchins, M. **Brewer, B.B.**, & Carley, K. (2016). *Social Network Analysis: Data Collection App Development*. Reimagining Healthcare: Improving the Present, Designing the Future. McCombs School of Business 2016 Symposium, Austin, TX. April 7-8, 2016.

Shea, K., Gephart, S.M., Carrington, J.M., Davis, M., **Brewer, B.B.**, Rosenfeld, A. (2017, April). Leading Change: Threading Data Science through the Nursing PhD Curriculum. Presented at Western Institute of Nursing Research Assembly, Denver, CO.

Carrington, J.M., **Brewer, B.B.**, Doyle, M.D., Gephart, S.M., Shea, K.D., Rosenfeld, A. (2017, June). Use of NLP to Analyze Core Course Content and Weave in Data Science. Presented at InSpire 2017: Developing the Health Informatics Workforce of the Future, La Jolla, CA.

Dusenbury, W., Tsvigoulis, G., **Brewer, B.B.**, Chang, J., Goyal, N., Swatzell, V., Rhudy, J.P., Alexandrov, A.V., & Alexandrov, A.W. (2019, February). Validation of the NIH Stroke Scale Score for Clinical Assessment of Intracerebral Hemorrhage. Poster presentation at International Stroke Conference, Honolulu, HI.

Anderson, J., & **Brewer, B.B.** (2019, May). Changes in Caring Behaviors of Caritas Coaches Pre and Post the Caritas Coach Education Program. Presented at 40th Annual International Association for Human Caring

Conference, Greenville, SC.

INVITED PRESENTATIONS:

Watson, J., Brewer, B.B., & Hayter, K. (2014, October). Emergence of Whole System Caring Science Indicators. Presented at International Caritas Consortium, Dearborn, Michigan.

Brewer, B.B., Hayter, K., & Vacchi, S. (2015, October). Caring Science Research and Inquiry. Presented at 21st International Caritas Consortium, La Crosse, WI.

Brewer, B.B. (2018, October). Measurement of Caritas: Patients, Self, and Peers. Presented at Arts Health and Humanities Conference, Brighton, UK.

Brewer, B.B., Bethel, C., Quinn, M. (2019, September). What Makes an AMSN PRISM Award[®] Unit Exemplary? Key Characteristics of Units that Have Achieved AMSN PRISM Award[®] Recognition. 2019 AMSN Annual Convention, Chicago, IL.

Brewer, B.B. (2019, October). Caring Science Health Care Facility Accreditation Standards and Measurement Requirements. Part 2. 24th International Caritas Consortium, San Francisco, CA.

RESEARCH ACTIVITIES:

1988 Masters research: The Relationship between The Health Belief Model and Risk Factor Modification in a Sample of Post-Coronary Artery Bypass Patients

2002 Doctoral research: Explication and Testing of the Structural Component of the Transtheoretical Integration Model

2014-2016 Health Science Research Associates, "Essential Professional Nursing Practices." International research project. (Co-Investigator).

2017-2019 Health Science Research Associates, "Effect of Professional Nursing Practice Curriculum on Engagement in Essential Nursing Practices." International research project. (Co-Investigator).

2018-2019 Watson Caring Science Institute, "Caritas Coach Education Program Evaluation." International program evaluation project. (Principal Investigator).

2018-2019 Watermark Retirement Communities, "Development of Thrive Index." Local research project. (Principal Investigator).

Grant Proposals:

- 1999-2002 National Research Service Award, Department of Health and Human Services, National Institute of Health, (F31, NR07480), “Organization Design and Patient Outcomes.” (Principal Investigator) (\$54,263 direct costs).
- 2001-2003 Agency for Healthcare and Research and Quality. (RO1 HS11973), “The Impact of Nursing Unit Characteristics on Outcomes.” (Project Director). (\$696,765 direct costs), J.A Verran (PI).
- 2007-2012 National Library of Medicine. (R01LM009516-01A1), “DyNADS: A Dynamic Network Analysis Decision Support Tool for Nurse Managers.” (Consultant, 2007-2009, Investigator, 2010, Principal Investigator, 2011). \$1,600,000 direct costs). J.A Effken (07-11), J.A.Verran, & K. Carley, B. Brewer (11-12) Co-Principal Investigators
- 2008-2009 Caritas Consortium Hospitals. “International Caring Comparative Database.” (Co-Investigator) (\$12,000 direct costs).
- 2011-2014 Agency for Healthcare Research and Quality. “Improving Healthcare Safety with *DyNADS*: A Desktop Simulation for Nurse Managers.” (Principal Investigator). (\$763, 419, direct costs). Scored but not funded.
- 2012-2016 Health Services Research Administration. “Arizona Rural Health Research Center.” (Co-Investigator). (\$1,762,469, direct costs). Scored but not funded.
- 2010-2015 Watson Caring Science Institute. “Development and Maintenance of the Caritas Patient Score Database.” (Principal Investigator). (\$249,920 direct costs).
- 2013-2018 National Institutes of Health. (R01GM105480-01) “Measuring Network Stability and Fit.” (Principal Investigator). (\$1,306,908, direct costs).
- 2018-2019 Academy of Medical-Surgical Nurses. “Identifying Key Characteristics of PRISM Units.” (Principal Investigator). (\$88,173 direct costs).
- 2018-2023 National Institutes of Health. (R01 NR017850-01) “Zero Degree head positioning In Acute Ischemic stroke (ZODIAC)” (Co-Investigator). (\$2,362,361 direct costs).
- 2019-2024 Agency for Healthcare Research and Quality. (R01 HS25937) “Social Networks in Medical Homes and the Impact on Patient Care and Outcome.” (Consultant).

Research Reviewer:

- 2008-15 American Organization of Nurse Executives Foundation Seed Grant Reviewer, Chicago, IL.

CONSULTATION EXPERIENCE:

- 2013-2014 Consultant to API Healthcare
2018 Consultant to Watermark Retirement Communities

AWARDS, HONORS, SPECIAL RECOGNITION:

- 2000- Who's Who in America
- 2001- Who's Who in the World
- 2001 Beta Mu Chapter of Sigma Theta Tau International Knowledge Dissemination Award
- 2001 Rising Star, Chosen to represent The University of Arizona College of Nursing, Sigma Theta Tau International
- 2002 The University of Arizona College of Nursing Alumni Council Award
- 2002 Outstanding Dissertation Award, The University of Arizona College of Nursing
- 2008 Advancing the Profession, John C. Lincoln North Mountain Hospital Exemplar Award
- 2009 First Place for Best Nursing Poster, 1st Annual Southwest Trauma and Acute Care Symposium, November 2009, Co-author.
- 2009 Nominated for Educator of the Year, Phoenix Business Journal
- 2010 Nominated Nurse of the Year, Mentoring, March of Dimes, Arizona Chapter
- 2013 Fellow, American Academy of Nursing
- 2015 Beta Mu Chapter of Sigma Theta Tau International Award of Distinction for Excellence in Research
- 2017 Tucson Fab 50 Nurse
- 2018 Article selected for EDAC and AIA Continuing Education Units for HERD Journal issue 11:4
- 2019 Nominated for National Academy of Science, Engineering, and Medicine: The Future of Nursing 2020-2030 Committee

CURRENT PROFESSIONAL AND ACADEMIC MEMBERSHIPS

American Academy of Nurses
 American Academy of Nurses Expert Panel Nursing Theory-Guided Practice
 American Nurses Association
 International Caritas Consortium
 Sigma Theta Tau

PROFESSIONAL AND ACADEMIC COMMUNITY ACTIVITIES**Internal** (University)

- 2011- 2017 College of Nursing Departmental Review Committee (Chair 2014-2015)
- 2014 Precision Health Task Force (University)
- 2013-2020 Faculty Council (Chair Elect 2018, Chair 2019)
- 2016-2018 Building Data Science into PhD Curriculum Task Force
- 2018 College of Nursing Interim Dean Search Committee
- 2018- 2020 College of Nursing PhD Committee
- 2020 Open Access Task Force (University)

External

- 2009-present Advisory Board Director for Research Watson Caring Science Institute
- 2013-2016 Member American Organization of Nurse Executives, Foundation Research Committee
- 2015-present Board Member, Watson Caring Science Institute

Editorial Boards:

2006-present Journal of Nursing Administration

Reviewer:

2005-present Nursing Outlook

2005-present Journal of Nursing Administration
2005-present American Journal of Nursing
2010-present Clinical Nursing Research
2010-present Health Environments Research & Design
2012-present Nursing Economics
2019-present Western Journal of Nursing Research