

Barbara E. Hekel PhD, MPH, RN

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Barbara.E.Hekel@uth.tmc.edu

EDUCATION

Doctor of Philosophy	University of Wisconsin at Milwaukee	August 2017
Graduate Certificate in Applied Gerontology	University of Wisconsin at Milwaukee, Center for Aging and Translational Research	Spring 2015
Campus Certificate in Teaching/Learning in Nursing and Health Science	University of Illinois at Chicago	May 2011
Master of Science in Nursing	University of Illinois at Chicago	August 2006
Master of Public Health	University of Illinois at Chicago	August 2006
Bachelor of Science Nursing	University of Iowa, Iowa City	May 1981

LICENSURE & CERTIFICATION

Texas Licensed RN	Active	2017 to Present
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PROFESSIONAL EXPERIENCE

Mercy Hospital, Des Moines, IA	Staff Nurse on neurological unit	1981
University of Iowa Hospital and Clinics, Iowa City, IA	Staff Nurse on NICU	1981-1982
North Trident Regional Medical Center, Charleston, SC	Staff Nurse	1984- 1985
Kaiser Permanente, Vancouver Medical Clinic, Vancouver, WA	Urgent Care Center Nurse	1989
Caterpillar, Inc. Peoria, IL	Industrial/ Occupational Health Nurse	1991-1994

Associated Oral and Maxillofacial Surgeons, Peoria, IL	Staff Nurse	1993-1994
Lived in Japan and Belgium Canadian Academy School, Kobe, Japan	Volunteered as School Nurse for Canadian Academy School, Kobe, Japan post Great Hanshin Earthquake	1994-1998
Tazewell County Health Department, Tremont, IL	Staff Nurse	2001-2005
University of Illinois at Chicago, Peoria, IL	Research Assistant	2004-2006
Kane County Health Department, Aurora, IL	Clinical Supervisor	2007-2008
Methodist College of Nursing, Peoria, IL	Instructor	2009-2011
JoAnn McGrath School of Nursing, Milwaukee WI	Adjunct Instructor	2012-2013
University of Wisconsin-Milwaukee, Milwaukee, WI	Research Assistant	2014
Cizik School of Nursing at UTHealth, Houston, TX	Assistant Professor of Nursing	2017- Present

HONORS & AWARDS

Presidents Recognition: Work with Salvation Army	Methodist College of Nursing	April 2012
University of Wisconsin at Milwaukee, College of Nursing's Milton and Joan Morris PhD Fellowship	UWM College of Nursing's	2016-2017
UTHealth Educators Fellowship Program	Cizik SON	June 2021

GRANTS

Aging in Place with Cognitive Impairment: Toward User-Centered Assistive Technologies, Rice ENRICH and UTHealth Cizik School of Nursing \$20,250, Co-investigator, 2020.

Association of Diabetes Care & Education Specialists National Diabetes Prevention Program, Primary Investigator, \$25,000 total eligible Fee-For-Service, 4th year 2020- 2021.

Medicare Diabetes Prevention Program, Primary Investigator, \$3,000, November 15, 2020 through 2021.

Science-based Habit Formation app as an adjunct to the National Diabetes Prevention Program (DPP) Lifestyle Change Program (LCP) to increase engagement, participation and outcomes of underserved populations and others eligible for the DPP LCP, Primary Investigator, Fee for Outcomes, January, 21, 2021 to November 30, 2021.

Educational Grants

Decrease Sexually Transmitted Diseases, United Way Peoria IL, Primary Investigator, \$4,500, for Heartland Community Health Clinic, Federally Qualified Health Center, 2005.

AACN Population Health/Social Determinants of Health Case Studies subaward, Primary Investigator, \$5,000, 2020.

Working with the Moveable Middle: Addressing Vaccine Hesitancy, Cizik School of Nursing at UTHealth Houston Dean's Award, Co-Investigator, \$5,000, 2021.

PUBLICATIONS

Peer Reviewed Publications

Hill, P. D., Aldag, J., **Hekel, B.**, Riner, G., & Bloomfield, P. (2006). Maternal Postpartum Quality of Life Questionnaire. *Journal of Nursing Measurement, 14*(3), 205-230. DOI:10.1891/jnm-v14i3a005

Kovach, C. R., **Hekel, B.**, & Rababa, M. (2015). Feasibility testing of a protocol to stop ineffective drug and nondrug treatments. *Western Journal of Nursing Research, 37*(11), 1404–1422.

<https://doi.org/10.1177/0193945915599070>

Kovach, C. R., **Hekel, B.** & Rababa, M. (2015). Testing a protocol to stop ineffective drug and non-drug treatments. *Gerontologist, 55 Supplement 2*, 283. <https://doi.org/10.1093/geront/gnv582.03>

Kovach, C. R., **Hekel, B.** & Rababa, M. (2016). Testing a protocol to stop ineffective drug and non-drug treatments. [Midwest Nursing Research Society Abstract of Distinction]. *Western Journal of Nursing Research*, 38(10), 1395-1396. <https://doi.org/10.1177/0193945916658206>

Pullis, B. C., & **Hekel, B. E.** (2021). Adapting a community health nursing course to an online format. *Public Health Nursing*. Advance online publication. <https://doi.org/10.1111/phn.12868>

Edwards, A. P., **Hekel, B.**, & Cron, S. (2021). Disability attitudes of nursing students: A curriculum intervention. *Nursing Education Perspectives*, 16. <https://doi.org/10.1097/01.NEP.0000000000000870>

Edwards, A. & **Hekel, B.** (2021). Appraisal of disability attitudes and curriculum of nursing students: A literature review. *International Journal of Nursing Education Scholarship*, 18(1), 2021-29. <https://doi.org/10.1515/ijnes-2021-0029>

Michel, A., Ryan, N., Mattheus, D., Knopf, A., Abuelezam, N. N., Stamp, K., Branson, S., **Hekel, B.**, & Fontenot, H. B. (2021). Undergraduate nursing students' perceptions on nursing education during the 2020 COVID-19 pandemic: A national sample. *Nursing Outlook*, 69(5), 903-912, doi:<https://doi.org/10.1016/j.outlook.2021.05.004>

Branson, S., Hekel, B., Lim, E., Michel, A., Mattheus, D., Zimet, G., & Fontenot, H. B. (2021). COVID-19 vaccination rates, intention to vaccinate, and predictors of vaccination among Texas nurses. *Texas Public Health Journal*, 73(4), 24-29.

Hekel, B., Branson, S., Lim, E., Michel, A., & Fontenot, H. B. (2021). Factors associated with Texas nurses' consideration to leave the nursing workforce: Impact of the COVID-19 pandemic. *Texas Public Health Journal*, 73(4), 30-34.

Fontenot, H.B., Mattheus, D.B., Lim, E., Michel, A., Ryan, N., Knopf, A., Abuelezam, N., Stamp, K., **Hekel, B., Branson, S.** & Zimet, G. (2021) *Undergraduate nursing students' COVID-19 vaccine intentions:*

A national survey. PLoS ONE 16(12), 1-15. e0261669.

<https://doi.org/10.1371/journal.pone.0261669>

PRESENTATIONS

International

DesOrmeaux, C.N., **Hekel, B.**, & Rozmus, C. (2019, July). *Clinical application of research and community health for Baccalaureate students: Impacting Houston pediatric immunization rates* [Podium presentation]. Sigma 30th International Nursing Research Congress, Calgary, Alberta, Canada.

National

Baldwin, K. A., Lewis, P. R., Stogis, S., Tadda, B., Greer, D. M., & **Hekel, B. (2006)**. *A population focused Doctorate of Nursing Practice: Assessing the market*. [Podium presentation]. APHA Annual Meeting, Boston, MA, United States.

Hekel, B. & Edwards, A. P. (2020, June). *A Curricular Intervention to Impact Nursing Student Attitudes About People with Disabilities* [Poster presentation]. Association of Community Health Nursing Educators Virtual Annual Institute.

Hekel, B. & Pullis, B. (2021, June). *Using an Unfolding Case Study to Teach Public Health Concepts* [Poster & audio presentation]. Association of Community Health Nursing Educators Virtual Annual Institute.

Oyeleye, O., **Hekel, B.**, Anasi, S. & Krawtz, S. (2021, October). *COVID-19-related stressors and stress levels experienced by online RN-BSN students and effective coping strategies they utilized* [Poster presentation]. American Psychiatric Nurses Association Annual Conference. Louisville, KY, United States.

Pullis, B. & **Hekel, B.** (2022). *Vaccine Hesitancy: Then and Now* [Podium presentation]. Accepted for Association of Community Health Nursing Educators June 2022 Virtual Annual Institute.

Regional/State

Hekel, B. (2016, March). *Supplement use by frail elderly in nursing homes* [Poster presentation].

Midwest Nursing Research Society Annual Research Conference, Milwaukee, WI, United States.

Hekel, B. (2018, March). *Supplement use by older women in the community or independent living*

setting [Poster and podium]. Southern Nursing Research Society, Atlanta, GA, United States.

Hekel, B. & Pullis, B. C. (2021, February). *Adapting a Cizik SON Community Health Course to an online*

format [Poster presentation]. The University of Texas Kenneth I. Shine, M. D., Academy of

Health Science Education: The 2021 Innovations in Health Science Education Annual Conference.

TX, United States.

Hekel, B., Pullis, B. C. & Dugger, J. (2022, May). *Designing Vaccine Hesitancy Simulations for Nursing*

Students [Oral presentation]. Accepted for Texas Public Health Association Annual Education

Conference. TX, United States.

Local

Hekel, B. (2016, November). *Supplement use by frail elderly in nursing homes*. [Poster presentation].

Sigma Theta Tau, Eta Nu Chapter poster symposium, University of Wisconsin-Milwaukee, WI,

United States.

Hekel, B. (2017, March 16). *Nutrition and aging well* [Presentation]. Milwaukee County Commission on

Aging Wellness Council, Milwaukee, WI, United States.

Hekel, B. (2021, May 12). *Competency based education: Unfolding case study* [Cizik SON Webinar for 1

CE]. Houston, TX, United States.

Hekel, B., Pullis B. R., Edwards, A. P., DesOrmeaux, C., & Alexander, J. (2021, June 11). *An Unfolding Case*

Study to Teach Public Health Concepts [Poster presentation]. UTHealth Advances in Teaching

and Learning Day. Virtual due to COVID-19. Houston, TX, United States.

Hekel, B. (2021, June 16). *Barriers and facilitators associated with COVID-19 vaccination in Texas nurses*

[Webinar for 1 CE]. Sigma Zeta Pi Chapter interactive webinar. Houston, TX, United States.

Professional Service

American Public Health Association: Public Health Nursing Section	Member	2010 to Present
ACHNE Research Committee & Abstract Reviewer	Member	2019 to Present
ACHNE Strategic Planning workgroup: Advocacy focus	Member	2021 to Present
Sigma Theta Tau International, Zeta Pi	Membership Chair	2020 to 2021
	Leadership Succession Committee	2021 to Present
Texas Public Health Association	Abstract Reviewer	2021 to Present

Professional Memberships

American Public Health Association	Member	2010 to Present
Midwest Nursing Research Society	Member	2012 to 2017
Association of Community Health Nursing Educators (ACHNE)	Member	2011 to Present
Sigma Theta Tau International, Eta Nu	Member	2015 to 2017
Sigma Theta Tau International, Zeta Pi	Member	2017 to Present
Southern Nursing Research Society	Member	2017-2018
National League for Nursing	Member	2019 to Present
Texas Public Health Association	Member	2019 to Present

Institutional Service

Cizik School of Nursing Houston Texas		
Faculty Assembly	Member	2017- Present
	Secretary	2021- 2022
Baccalaureate Council	Member	2017- Present
RN to BSN Task Force	Member	2017- Present
BSN APG Subcommittee	Member	2018- 2020

Wellness Committee	Member	2018- 2021
RN to BSN Student Advisor	Advisor	2018- Present
Joy in Work quality improvement project	Member	2019- 2021
Faculty Life Committee (FLC)	Member	2019- 2021
FLC: Faculty Development Committee	Chair	2019- 2021
Baccalaureate Council Curriculum Workgroup	Member	2021- Present
BSN Testing Guidelines Task Force	Member	2022- Present
Trauma Informed Education Task Force	Co-chair	2022- Present
<u>Community Service</u>		
Canadian Academy School, Kobe, Japan Health Screening Committee	School Nurse Volunteer	1994-1996
International School of Brussels, Belgium Health Education	School Nurse Volunteer	1998-1999
Washington Community High School, Illinois Band	Assistant Band Treasurer	2001-2003
Bethany Baptist Church, Peoria, Illinois Children's Programs	Awana Leader 6th grade	2005-2006
Bethany Community Church, Washington, Illinois Children's Programs	Awana Leader 6th grade	2009-2010
Redeemer Evangelical Free Church Children's Programs	Awana Leader 6th grade	2013-2017
Redeemer Evangelical Free Church Usher/ Nursery	Volunteer	2013-2017
Redeemer Evangelical Free Church Breathe Ministry	Coordinator for health care for special needs children	2015-2017
Jersey Village Champion Forest Church Children's Programs	Volunteer	2019-Present

APPENDICES**Courses Taught**

Methodist College of Nursing, Fundamentals Class Lab/Learning Resource Center, Instructor, spring 2010, didactic/learning resource center

Methodist College of Nursing, Fundamentals Clinical, Instructor, spring 2010, clinical

Methodist College of Nursing, Community OB, spring 2010 to fall 2011, clinical

Methodist College of Nursing, Public Health Nursing Clinical, clinical instructor, fall 2010 to fall 2011, clinical

Methodist College of Nursing, Inquiry and Evidence: Knowing: Reasoning, and Evidence (N335), instructor, fall 2010, spring 2011, didactic

Methodist College of Nursing, Standards in Nursing Practice (N210), Instructor, spring 2011, didactic

Methodist College of Nursing, Clinical Coordinator for Obstetrical Community clinical sites, fall 2011, coordinator and clinical instructor

Alverno College, JoAnn McGrath School of Nursing, Nursing Theory of Healthy Populations, Instructor, August 2012 -December 2013, didactic with online component

Cizik School of Nursing, Research Critique & Utilization (N4512), 2 credits, Instructor-designed course-and lead, fall 2017-summer 2018, online

Cizik School of Nursing, Community/ Public Health Nursing (N4521), 3 credits, Instructor and lead, spring 2018- present, didactic with online component

Cizik School of Nursing, Community Health for RN's (N3601), 3 credits, Instructor and lead, fall 2017-present, online

Cizik School of Nursing, Community Health Project for RNs (N3602B), 2 credits, instructor and lead, fall 2017 to present, clinical and online component

Cizik School of Nursing, Gerontologic Nursing (N3521) 2 credits, simulation and assist with grading, fall 2019 to Summer 2021, Spring 2022 to present, simulation and online grading