



RESEARCH – DEIDRE WIPKE-TEVIS

December 2024-January 2025 Research & Scholarly Endeavor Updates

Shout Outs

Elizabeth Anderson was elected to the Lymphology Association of North America (LANA) Board of Directors.

Matthew Farmer PhD'24 was selected for the AIM-AHEAD SchARe Equity in Population Health AI: Beyond EHR Training Program. Matt will complete an 8-month training program that will equip him the skills to navigate the unique challenges associated with applying AI, including Machine Learning (ML), to population health datasets that are collected using complex sample designs. He will work on a team-based research project that applies ethical AI/ML to promote health equity within AIM-AHEAD priority areas (behavioral health, cardiometabolic health, and cancer).

Daniela Guida (pre-nursing) and **Abigail (Abby) Rossler** (pre-nursing) have been selected as Essig Undergraduate Research Mentorship for Spring 2025 semester. Daniela will be working with Maithe Enriquez on her project, "Viviendo Bien: Developing a Community-partnered research agenda with Hispanic Communities in Missouri." Abby will be working with Knoo Lee on his project, "Remote Sensing for ADRD-Specific Activities Identification in Older Adults."

Edie Sperling (PhD Candidate) and her co-author, M. G. Hudson, have received the AI Dye Award from the Editorial Board of *The Journal for Specialists in Group Work* for their 2024 article entitled, "Examining the Effects of a Small Process Group on Grit, Resilience, and Stress Levels Among Medical Students: A Pilot Study."

<https://doi.org/10.1080/01933922.2024.2426166> The AI Dye Award is given annually to an article in the *Journal for Specialists in Group Work* (JSGW) that best advances the practice of group work. Edie and her co-author will receive their award at the American Counseling Association Conference in March in Orlando, FL.

Eight Sinclair School of Nursing undergraduate students earned their Student Training for Advancing Research recognition (S.T.A.R.) during Fall 2024! Please congratulate **Hope Bolton, Tyler Campbell, Sierra Dain, Danielle Dohm, Melinda Fauss, Daniela Guida, Bella Pieper, and Abby Roessler.**

Justina Serwaa Yevu Johnson PhD'21 has been appointed the Acting Dean at the School of Nursing and Midwifery, Central University, Accra, Ghana, West Africa.

Arthur Zacharjasz (PhD student) and his wife have a beautiful baby girl: Eliana Maria Zacharjasz born on January 4th weighing in at 5lb 11oz.

Karry Weston PhD'24 has been notified that she has been selected to receive the Midwest Nursing Research Society (MNRS) Perinatal, Sexual, and Reproductive Health Research and Implementation Interest Group (PRSH-RIIG) Dissertation Award. She will receive her award at the 2025 MNRS Annual Research Conference to be held March 26th – March 29th, 2025, in Indianapolis, Indiana.

Grants and Contracts Awarded or Submitted

Awarded

Jennifer Hulett (PI) & Susan Scott & Suhwon Lee (Co-Is), Using Technology to Explore Relationships between Nurses' Workload, burnout, and Wellbeing: A Feasibility Study – Research Grant/MU Research Council, \$14,900

Anne Sales (Site PI), An Integrated Intervention to Address the Double Burden of Maternal Child Malnutrition in Guatemala- (Peter Rohloff, [PI] Subk The Brigham & Women's Hospital, Inc) – R01/National Institute of Child Health and Human Development (NICHD), \$117,150

Karry Weston (PI) – Advanced Practice Nurses' ECHO Involvement – Research Grant/MU Postdoctoral Association/MU Office of Postdoctoral Education, \$750

Submitted

Amy Vogelsmeier/Anne Sales (MPI) – Missouri Coalition for Action on Substance use (MOCAS) – U19/AHRQ

Faculty/Postdoctoral Fellows/Alumni Publications Recently Accepted or NOW in Print

Anbari, A.B., Lee, K., Hulett, J.M., Micheas, L., Ren, Z., Belenchia, A., & Lee, S. (2024). Exploring Disparities in Post-Cancer Treatment Instructions: An Analysis of Rural vs. Urban Breast Cancer Survivors in Missouri using BRFSS Data. *BMC Health Services Research*. doi : 10.1186/s12913-024-12014-8.

Becker, R. E. N., Daignault-Newton, S., Shoemaker, E., Sitek, D., Thelus, J. M., Clark, S., Martin-Schwarze, A., Spino, C., Carlozzi, N. E., Meurer, W. J., **Sales, A. E.**, Dauw, C. A., & Ghani, K. R. (2024). Stent Omission after Ureteroscopy and Lithotripsy (SOUL) in the Michigan Urological Surgery Improvement Collaborative (MUSIC): study protocol for a pragmatic prospective combined randomized and observational clinical trial. *Trials*, 25(1), 811.

<https://doi.org/10.1186/s13063-024-08587-8>

Chiocca, E.M. (2025). *Advanced pediatric assessment* (4th Ed). New York: Springer Publishing.

Enriquez, M. (2025). The power of promotoras [editorial]. *Hispanic Healthcare International*, 23(1):2-3. doi:[10.1177/15404153241307133](https://doi.org/10.1177/15404153241307133)

Enriquez M. (2024). Sexual and reproductive health and Hispanic people [editorial]. *Hispanic Health Care International*, 22(3):130-130. doi:[10.1177/15404153241261341](https://doi.org/10.1177/15404153241261341)

McKinsey DS, McKinsey JP, McKinsey JR, **Enriquez M.** (2024). Optimizing Missouri's Preparation for the Next Pandemic: Lessons Learned from COVID-19: Part 1. *Mo Med.*;121(6):424-432. PMID: 39697564; PMCID: PMC11651261.

Rentes, V. C., Kalpakjian, C., **Sales, A.**, & Krumm, A. (2025). Operationalizing a learning health system: A self-assessment tool for interprofessional teams. *Learning Health Systems*. <https://doi.org/10.1002/lrh2.10482>

Weston, K., Anbari, A. B., Bloom, T., Everett, K., & Bullock, L. (2024). Expectations and Perspectives About Infant Feeding of Their First Child Among Rural Women. *Journal of Obstetric, Gynecologic & Neonatal Nursing*

Yi, R., Popescu, M., Keller, J. M., Scott, G., **Despins, L.**, Heise, D., & Skubic, M. (2024, December 18). Heartbeat Detection from Ballistocardiogram using Transformer Network. *arXiv.org*. <https://arxiv.org/abs/2412.14376>

Upcoming/Recent Faculty/Postdoctoral Fellow Scholarly Presentations

Hellem, A., **Sales, A.**, Rossman, N., Dinh, M., Skolarus, L.E. Supporting aging in place: Older adult perspectives on utilizing a co-located primary care clinic on an affordable housing campus using the Capability, Opportunity and Motivation for behavior change (COM-B) model. Academy Health Dissemination & Implementation Science Conference. Poster Session A. Arlington, VA. December 8-11, 2024.

Lane, K. (2025). Creating a geriatric competency assessment for prelicensure nursing students. National Hartford Center of Gerontological Nursing Excellence: Fireside Chat. [virtual]. January 22, 2025.

Lane, K. & Wipke-Tevis, D. (2025). Reimagining Doctoral Education: A Participatory Approach to PhD Curriculum Redesign [Podium Presentation]. 2025 AACN Doctoral Education Conference. Coronado, CA. January 16-18, 2025.

Ulbrich, S. L. & Anderson, E. A. (2024, November 15). Game on! Large class exam preparation [Poster presentation]. Midwest Regional Nursing Educators Conference, Columbia, MO.

Ulbrich, S. & Compton-McBride, S.. (2024). Caring for the caregivers: Elevating self-care and nursing education [Webinar]. Midwest Nursing Research Society Nursing Education/Self-Care Research Interest Group.

Ulbrich, S. & Butkievich, K. (2024, October 28). Top 10 NTI 2024 takeaways [Meeting presentation]. Central Missouri Chapter of the American Association of Critical-care Nurses. Columbia, MO.

PhD Program Research Report

Takara Schomberg passed her Proposal Defense on January 14, 2025

Holly Ortman passed her Qualifying Exam on January 22, 2025

Upcoming/Recent Student/Faculty Research Presentations

Baker, L., & **Mock, B. A.** (2024, November 13-15). Open your eyes: Uncovering the systematic root cause of toxic anterior segment syndrome following cataract surgery [Poster presentation]. Missouri Association for Healthcare Quality Annual Summit, Missouri Hospital Association, Kansas City, MO, United States.

Marks, B., Torrisi, C., Sales, A., Becker, R., Dauw, C., Shoemaker, E., & Ghandi, K. No Stent: Patient Experiences with Ureteral Stents [Poster presentation]. Academy Health Dissemination & Implementation Science Conference. Poster Session A. Arlington, VA. December 8-11, 2024.

Torrisi, C., Marks, B., Sales, A., Becker, R., Dauw, C., Shoemaker, E., & Ghandi, K. Bridging the Gap: Barriers to de-implimenting stenting in uncomplicated ureteroscopy [Poster presentation]. Academy Health Dissemination & Implementation Science Conference. Poster Session A. Arlington, VA. December 8-11, 2024.

PhD Student/PhD Alumna/Faculty Publications Recently Accepted

Farmer, M. S., Popescu, M., & Powell, K. (2025). Development and evaluation of a 4M taxonomy from nursing home staff text messages using a fine-tuned generative language model. *Journal of the American Medical Informatics Association*, ocaf006, <https://doi.org/10.1093/jamia/ocaf006> Published online January 15, 2025

Schomberg, T. L., Zweifel, A. R., Fenderson, B. S. (2024) Sim-Portant Conversations Podcast: An Approach to Professional Development. *Simulation Technology & Operations Resource Magazine (STORM)*, 3(3), 2-9. <https://www.ssih.org/Home/ctl/ArticleView/mid/54750/articleId/2634/Sim-Portant-Conversations-Podcast-An-Approach-to-Professional-Development>

Young, L., Johnson, A. H., Reeder, B. P., & Vogelsmeier, A. A. (2025). A picture worth a thousand words: insights from hospital nurse managers on dashboards to improve care at the bedside. *Nursing Management*, ():10.1097/nmg.0000000000000215, January 14, 2025. | DOI: 10.1097/nmg.0000000000000215