



## RESEARCH - DEIDRE WIPKE-TEVIS

### Shout Outs

**Kassandra “Kassi” Maturino**, PhD student, received the Sinclair School of Nursing Dean’s Award for Excellence in Research at the MU Health Sciences Research Day.

'23 PhD graduate, **Natsayakarn "Gift" Narkthong** has been promoted to Assistant Dean for Human Resource Development and Corporate Communication for the Faculty of Nursing of Prince of Songkla University at Hat Yai, Thailand.

'16 PhD graduate, **Chantra Promnoi** has been promoted to Assistant Dean for Learning Resources and International Affairs for the Faculty of Nursing of Prince of Songkla University at Hat Yai, Thailand.

**Deidre Wipke-Tevis** received the Distinguished Faculty Award from the Mizzou Alumni Association on November 8, 2024.

**Amy Vogelsmeier** received a Faculty Alumni Award from the Mizzou Alumni Association on November 8, 2024.

### Grants and Contracts awarded or submitted during October/November

#### Awarded

**Maithe Enriquez** (PI) & community partners – Development of a community-partnered research agenda with Hispanic communities in Missouri – Washington University ICTS Clinical & Translational Research Funding Program grant, \$49,997

James McClay (Site PI), **Kimberly R. Powell**, A. Mosa, M. Popescu, D. Arnold (Co-Is) - Creating AI-enabled All-Health Team Data Fabric - Advanced Research Projects Agency for Health (ARPA-H) (Subcontract - University of Illinois, Chicago, Andrew Boyd, MPI), \$2,135,372

**Ashley Woods**, (PI, PhD candidate; Amy Vogelsmeier – Advisor) – Exploring Pain Assessment and Management Experiences in Recently Hospitalized Minoritized Older Adults: A Qualitative Study – MU Graduate Professional Council Research Development Grant, \$600

**Ashley Woods** (PI, PhD candidate; Amy Vogelsmeier – Advisor) - Exploring Pain Assessment and Management Experiences in Recently Hospitalized Minoritized Older Adults: A Qualitative Study – Alpha Iota chapter of Sigma Theta Tau International/Research Grant, \$1000

**Edie Sperling** (PI, PhD student; Sarah Thompson/Jennifer Hulett Co-Advisors) –An exploration of somatic symptoms in health profession students – MU Graduate Professional Council Research Development Grant, \$400

### Submitted

**Alisha Johnson** (PI) – Understanding the provision of care services by different providers for people living with ADRD – National Dementia Workforce Study Pilot Grant (NIA flowthrough)

**Blaine Reeder** (PI) - TeleCAPABLE: Pilot study of telehealth-delivered CAPABLE for older adults in Missouri – Retirement Research Foundation Letter of Intent

**Karry Weston** (PI, PFFIE Postdoctoral Fellow; Linda Bullock, mentor) - Advanced Practice Nurses' ECHO Involvement – MU Postdoctoral Association Research Grant

**Arthur Zacharjasz** (PI, PhD candidate; Amy Vogelsmeier, advisor) – Explaining Covid-19 vaccine decision-making among rural nursing home staff: A grounded theory approach – Agency for Healthcare Research & Quality (AHRQ), R36 Grant for Health Services Research Dissertation

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

**Anderson, E. A., Anbari, A. B., Sun, Y., Wareg, N. K., Narkthong, N., Sekyere, M. O., & Armer, J. M.** (2024). Urban, rural/small-town, Hispanic/Latina, and Ghanaian breast cancer survivors with lymphoedema returning to work. *Journal of Lymphoedema*, 19,1, 8-14.

Barnard, P., **Bautista, J. R.**, Farahi, A., Laos, K., Liu, A., & Menéndez, H. D. (2024). Responsible MLOps Design Methodology for an Auditing System for AI-based Clinical Decision Support Systems. *International Conference on Testing of Software and Systems*, 1-20

**Chiocca, E. M. & Hornor, G.** (2024). Corporal punishment of children in homes and schools: An action plan. (In press). *APSAC Advisor*.

Costa, C. J., Prescott, S., Fourie, N. H., Abey, S., **Sherwin, L. B.**, Rahim-Williams, B., & Henderson, W. A. (2024). Oral Microbiota Changes Are Correlated with Changes in Circulating Rna Transcriptome and Visceral Hypersensitivity in Both Ibs and Healthy Controls. *Gastroenterology*, 166(5), S703-S704.

DiCecco, S., Davies, C. C., Gilchrist, L., Levenhagen, K., Letellier, M-E., Rivera, A., Weiss, J., Klose, G., Hodgkins, L., **Anderson, E.**, Cheville, A., Moore, K., & Koehler, L. (2024). Complete decongestive therapy phase 1: An expert consensus document. *Medical Oncology*, 41, 304. <https://doi.org/10.1007/s12032-024-02407-4>

Drwal, K. R., Hurst, D., & **Wakefield, B. J.** (2024). Effectiveness of a Home-Based Pulmonary Rehabilitation Program in Veterans. *Telemedicine and E-Health*, 30(9), 2456-2465. <https://doi.org/10.1089/tmj.2022.0050>

**Vogelsmeier, A., Popejoy, L. L., Johnson, A. H., Miller, S., Young, L., Thompson, R. A., Mody, L., Rantz, M., & Mehr, D. R.** (2024). Nursing home leader response during COVID-19: A

qualitative descriptive study about use of external resources during the pandemic. *BMC Health Services Research*, 24(1). <https://doi.org/10.1186/s12913-024-11718-1>

Levy, C., Esmaili, A., Smith, D., Hogikyan, R. V., Periyakoil, V. S., Carpenter, J. G., **Sales, A.**, Phibbs, C. S., Murray, A., & Ersek, M. (2024). Life-sustaining treatment decisions and family evaluations of end-of-life care for Veteran decedents in Department of Veterans Affairs nursing homes. *Journal of the American Geriatrics Society*, 72(9), 2709-2720. <https://doi.org/10.1111/jgs.19050>

Ooi, C. Y., Ng, C. J., **Sales, A.**, & Teo, C. H. (2024). Pilot implementation study of a web-based men's health screening app in primary care during COVID-19: a mixed-methods approach. *BMC Health Services Research*, 24(1 C7 - 1219). <https://doi.org/10.1186/s12913-024-11702-9>

## Upcoming/Recent Faculty/Postdoctoral Fellow Research Presentations

**Bautista, J.R.** Insights on the Use of Generative AI in Nursing Practice and Education. Midwest Regional Nursing Educators Conference. Columbia, MO. November 14, 2024

**Bautista, J.R.** (2024, November). The Role of AI in Research. SIGMA Alpha Alpha Phi Chapter. Manila, Philippines. November 20, 2024

**Johnson, A.H.**, Chung, C.C., Wung, S.F., & Skubic, M., (2024). Using Contactless Sensors to Remotely Monitor Falling. American Medical Informatics Association Annual Scientific Meeting. Poster. San Francisco, CA. November 10-13, 2024

**Johnson, A. H., Thompson, V., Vogelsmeier, A. A.** Describing advanced practice registered nurses' influence on improved nursing home outcomes. Gerontological Society of America 2024 Annual Scientific Meeting, Paper Presentation, Seattle WA, November 13-16, 2024.

**Vogelsmeier, A., Popejoy, L., Miller, S., Young, L., Johnson, A. H., Thompson, R.** Nursing Home Infection Preventionists: Their Role During COVID-19. Paper presented at the Gerontological Society of America 2024 Annual Scientific Meeting, Seattle WA, November 13, 2024.

Wang, N., Massey, Z., **Anbari, A.**, Olajire, A., Lawrie, L. & Martinez, P. Testing health warnings about alcohol and risk for breast cancer: A national experiment with young adult women in the United States. Poster Presentation at the 5th annual Siteman Cancer Research Symposium, November 1, 2024

## PhD Program Research Report

### PhD Student Progress

**Jenni Schmitz** passed her Proposal defense on October 28, 2024

**Daphne Chakurian** passed her Dissertation defense on November 18, 2024

## Upcoming/Recent Student/Postdoc/Alumni/Faculty Research Publications

**Farmer, M., & Powell, K. R.** (2024). Feasibility of Fall-Risk Detection in Older Adults: Real-World Use of Sensor Data With Machine Learning. *Journal of Gerontological Nursing*, 50(10), 7–10. <https://doi.org/10.3928/00989134-20240912-03>

**Sperling, E.L.** & Hudson, M.G. (2024). Examining the effects of a small process group on grit, resilience, and stress levels among medical students: A pilot study. *The Journal for Specialists in Group Work*: 1–19. <https://doi.org/10.1080/01933922.2024.2426166>

**Sperling, E.** (2024). Persistent lateral knee pain from a 10% thickness anterior cruciate ligament (ACL) tear in a 36-year-old runner. *Cureus* 16(11): e73081. <https://www.doi.org/10.7759/cureus.73081>

## Upcoming/Recent Student/Faculty Research Presentations

**Ryan Brunette** (Undergraduate Essig Research Fellow) & Elizabeth Anderson, Christa Torrissi, Anne Sales (mentors) – Breast Cancer Survivorship and Lymphedema: Exploring Pain, Self-Pay Costs, and Physical Limitations in a Large National Dataset, [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.

**Chakurian, D.E., & Popejoy, L.L.** (2024, November 13-16). A systematic review of resilience in family caregivers of autistic adults [Poster presentation]. Seattle, Washington. <https://hdl.handle.net/10355/105969>

**Kassandra Maturino** (PhD student) & Kevin Everett, Jane McElroy (mentors) – Examining Cannabis Use During Pregnancy Among Missouri PRIDE Festival Female Attendees' [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.

Abigail Olajire (Communication PhD student) & **Allison Anbari**, Zachary Massey, Priscilla Martinez (mentors) – The Impact Of Health Warnings Messages On Alcohol Consumption And Breast Cancer Risk Awareness Among U.S. Young Adult Women: An Experimental Study [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.

**Sophia Smola** (Undergraduate Essig Research Fellow) & **Elizabeth Anderson, Jane Armer** (mentors) – 20-year Survivorship Managing Breast Cancer-related Lymphedema: How Are We Doing? [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.

**Reagan Westendorf** (Undergraduate Essig Research Fellow) & **John Robert Bautista** (mentor) Nurse Stakeholders' Intention To Use Generative Artificial Intelligence Tools And Perceptions Of Information Quality, [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.

**Karry Weston** (PFFIE Postdoctoral Fellow) & **Linda Bullock** & Joan Hermsen (mentors), Going Without: Food Pantry Use Among WIC Participants in Two Midwestern States, [poster presentation], MU Health Sciences Research Day, November 15, 2024, Columbia, MO.