

CURRICULUM VITAE

Yuanlu (April) SUN, PhD, RN, CLT

Assistant Professor

College of Nursing, 438 CNB
The University Iowa
Iowa City, Iowa 52242
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EDUCATION

- 2018 Doctor of Philosophy (Ph.D.)** University of Missouri-Columbia
Major in Nursing, Sinclair School of Nursing
Ph.D. Minor in Statistics, Department of Statistics
- 2011 Bachelors of Medicine (Nursing)** School of Nursing, Sun Yat-sen University

LICENSURE/CERTIFICATION

- 2017- Present **U.S. Registered Nurse License** (MO_NLC #2018038621, NY #741192);
2015 - Present **Certified Lymphedema Therapist** (Norton #201505205);
2017 - 2022 **Basic Life Support Certification for Provider** (AHA);
2011 - 2016 **Chinese Registered Nurse License** (License #201144007222);
2020 - present **UM System Online Teaching Certification**

PROFESSIONAL EXPERIENCE

MAJOR APPOINTMENTS

Academic Appointments

08/2022-present	Assistant Professor	University of Iowa
01/2019-08/2022	Assistant Professor	University of Missouri-St. Louis
08/2018-12/2018	Research Specialist	American Lymphedema Framework Project
06/2012-05/2018	Research and Teaching Assistant	University of Missouri-Columbia

Clinical Appointments

07/2011-05/2012	Registered Nurse/Research Nurse	Sun Yat-sen University Cancer Center
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Other appointments

9/2024-present	Medical Advisory Committee	National Lymphedema Network
9/2022-present	Associate Member	Holden Comprehensive Cancer Center
12/2022-present	Adjunct Faculty	UIHC Dept of Nur Services & Pt Care
09/2022-present	Associate Faculty	UI Center for Advancing Multimorbidity Science
01/2020-present	Graduate Faculty (courtesy)	University of Missouri-Columbia
09/2018-12/2018	Statistics & Nursing SI	Columbia College

HONORS AND AWARDS

- 3/2019 Midwest Nursing Research Society *Self-Care* RIG dissertation award
8/2017 V. Jame and Verna Adwell Rhodes Endowed Fellowship

8-5-2024

2/1/2017	MU SSON MNRS travel award
2016-2017	Griffith Leadership Society (GLS) collegian, Mizzou
10/2016	Graduate Professional Council (GPC) travel award, Mizzou
8/2016	Curator's Grant-in-Aid Scholarship, Mizzou
4/2015	Mizzou Advantage travel award
3/2013	V. Jame and Verna Adwell Rhodes Endowed Nursing Fellowship Fund
9/2012	Supplemental Graduate Fellowship, Sinclair School of Nursing
2008-2009	Excellent Student Scholarship, Sun Yat-sen University
5/2009	Third prize in <i>Nursing Fundamental Techniques Competition</i> , Sun Yat-sen University
4/2009	Third prize in Poetry Recitation Contest, Sun Yat-sen University (Medical)
11/2008	Great prize in Piano Performance Competition, Sun Yat-sen University (Medical)

SCHOLARSHIP

Current research interests (*refers to merging area)

- **Chronic illness:** lymphedema in *Cancer survivorship*, Self-management, Symptom assessment, Occupational rehabilitation, QOL
- **Population research** & health disparity
- **Digital** health, *data science, informatics
- ***Aging**, Community health, *Caregiver*
- Educational research

Publications

Journal articles (*databased, underline-student trainee/mentees)

- Fu MR, Liu B, Qiu JM, **Sun Y**, Axelrod D, Guth A, Korth S, Kremer HL, Wang Y. (2024) ASO Author Reflections: Infection and Skin Trauma Incrementally Increase the Risk of Breast Cancer-Related Lymphedema. *Ann Surg Oncol*. 31, 8110–8111 <https://doi.org/10.1245/s10434-024-16078-y>
- Sun, Y.**, Oyewusi, C., Armer, J.M. (2024) Assessment questionnaires for self-reported symptoms of lymphoedema among cancer survivors: A systematic review. *Journal of Lymphoedema*, 19(1) 60-67
- McNeely, M, Onazi, M. Bond, M., Brennan, A., Gross, D., **Sun, Y**, Newell, A (2024) Essential components of the maintenance phase of complex decongestive therapy. *Medical Oncology*, 41, 289. <https://doi.org/10.1007/s12032-024-02442-1>
- *Fu MR, Liu B, Qiu JM, **Sun Y**, Axelrod D, Guth A, Korth S, Kremer HL, Wang Y. (2024) The effects of daily-living risks on breast cancer-related lymphedema. *Ann Surg Oncol*. 31(12) 8076-8085. <https://doi.org/10.1245/s10434-024-15946-x>
- *Elizabeth, A., Allison, **Sun, Y**. Nuha K W., Narkthong, N., Sekyere M., Armer J.M. (2024) Urban, rural/small-town, Hispanic/Latina, and Ghanaian breast cancer survivors with lymphoedema returning to work. *Journal of Lymphedema*, 19(1) 34-40
- ***Sun, Y.**, Fu, M.R., Jiang, Y. Little, A. (2024) Initiating and Maintaining Complete Decongestive Therapy Self-management of Lymphedema among Breast Cancer Survivors: Descriptive qualitative study. *Integrative cancer therapies*. 23. DOI: 10.1177/15347354241226625
- *Anderson, E., Allison, A., **Sun, Y**. Armer, J. (2022) A Multiple Case Study of Latina Breast Cancer Survivors Returning to Work with Breast Cancer-related Lymphedema: Adaptation, Resilience, and Quality of Life. *Hispanic healthcare international*, 15404153221116755

- *Sun, Y. Hulett, J. M., Cheng, A., Armer, J.M. (2022) Assessment of Physical Activities of Older Midwestern Breast Cancer Survivors using CHAMPS. *International Journal of Nursing Research*, 8(1), 1-5. doi: 10.31690/ijnr.2022.v08i01.001
- *Anbari, A., Sun, Y., McCaffery, S. Armer, J. (2021) Breast cancer-related lymphedema and rural survivor's return to work. *Cancer treatment and communication*, 29, <https://doi.org/10.1016/j.ctarc.2021.100459>
- Sun, Y. (2020) The breast cancer-related lymphedema and women's return-to-work. *British Lymphedema Society News & Views*, 119, 25-27. <https://www.thebls.com/documents-library/news-views-issue-119> (Invited, non-peer reviewed)
- Sun, Y., Shigaki, C.L, Armer, J.M. (2020). Return-to-work and breast cancer survivorship care. *Current breast cancer reports*, 1-6. doi:10.1007/s12609-020-00371-2
- *Sun, Y., Shigaki, C. L., Armer, J. M. (2020). The Influence of Breast Cancer-related Lymphedema on Women's Return-to-Work. *Women's health*, 16, 1-16. doi: 10.1177/1745506520905720
- *Armer, J. M., Ballman, K., McCall, L., Armer, N. C., Sun, Y., Udmuangpia, T., . . . Boughey, M. D. (2019). Lymphedema symptoms and limb measurement changes in breast cancer survivors treated with neoadjuvant chemotherapy and axillary dissection: results of American College of Surgeons Oncology Group (ACOSOG) Z1071 (Alliance) substudy. *Supportive Care in Cancer*, 1-9. doi: 10.1007/s00520-018-4334-7
- *Sun, Y., & Armer, J. M. (2019). A nurse's twenty-four-year journey with breast cancer-related lymphedema. *Work: A Journal of Prevention, Assessment & Rehabilitation*, 63(1), 21-31. doi:10.3233/wor-192904
- Sun, Y., Shigaki, C. L., Armer, J. M. (2017). Return to Work among Breast Cancer Survivors: A Literature Review. *Supportive Care in Cancer*, 25(3), 709-718. doi: 10.1007/s00520-016-3446-1
- Sun, Y., Shigaki, C. L., Armer, J. M. (2016). Return to Work among Breast Cancer Survivors: A Literature Review. *Supportive Care in Cancer*, Advance online publication. <https://doi.org/10.1007/s00520-016-3446-1>
- Armer, J. M., Feldman, J. L., Ostby, P., Thrift, K. M., Lasinski, B. B., Beck, M. S., Rodrick, J. R., Norton, S., Sun, Y., Udmuangpia, T., Armer, N. C. & Stewart, B. R (2016). Simplifying Evidence-based Management of Breast Cancer-related Lymphedema. *Expert Review of Quality of Life in Cancer Care*, 1(5), 389-402

Books/book chapters, monographs, edited symposia

- Tidhar, D., Armer, J.M., Anbari, A., Sun, Y., Bernas, M., Feldman, J.L., Cormier, J. N. (2021) Clinical evaluation of lymphedema. In: Ming-Huei Cheng (eds). *Principles and Practice of Lymphedema Surgery*. Elsevier. Paperback ISBN: 9780323694186; eBook ISBN: 9780323694193
- Armer, J. M., Feldman, J. L., Ostby, P., Chance-Heltzler, J., Sun, Y., Armer, N. C., & Shih, T. (2017). Lymphedema within the Healthcare System: Complexities, Economics, and Outcomes. In *Lymphedema: a concise compendium of theory and practice*. Edited by Lee BB., Rockson S., Bergan J. (eds). Springer Global, pp 503-523. doi: 10.1007/978-3-319-52423-8_40

Published abstracts

- *Sun, Y., Baskett, W. I., Cheng, A-L, Armer, J., Shyu, C-R. (accepted) The influence of Health Insurance and Socioeconomic Status on In-Hospital Mortality and Non-Routine Discharge in Breast Cancer Survivors with COVID-19: Insights from the Cerner Real-World Dataset. *Western Journal of Nursing Research* (WJNR).
- Anderson, E., Anbari, A., Sun, Y., Armer, J. (2021) Breast cancer-related lymphedema influences on the work experiences and quality of life of Hispanic/Latina survivors. *Oncology Nursing Forum*, 48(2), 21-21 doi: 10.1188/21.ONF.E3
- Anbari, A., Sun, Y., McCaffery, S. Armer, J. (2021) Breast cancer-related lymphedema and rural survivor's return to work. *Oncology Nursing Forum*, 48(2), 39-40. doi: 10.1188/21.ONF.E3

- Sun, Y.,** Armer, J. M. (June 2019) Reliability of Circumferential Measurements for Assessment of Upper Extremity Lymphedema. *9th International Lymphoedema Framework Conference*, 56.
- Sekyere, M., Armer, J., **Sun, Y.,** Anderson, E., Anbari, A. (Jun 2019). Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work and Quality of Life in Ghana. *9th International Lymphoedema Framework Conference*, 137.
- Xue, C., Yu, Q., Pan, J.-j., **Sun, Y.,** & Zhang, L. (2012). A phase II study of sorafenib in combination with cisplatin and 5-fluorouracil in the treatment of recurrent or metastatic nasopharyngeal carcinoma. *Journal of Clinical Oncology*, 30(15_suppl), 5538-5538.
doi:10.1200/jco.2012.30.15_suppl.5538

My google scholar <https://scholar.google.com/citations?hl=en&user=oHuxjgUAAAAJ>

Funded Research Grants

Extramural Research Grants (*Funded, followed by pending*)

2022 –2023 Application of eXplainable Artificial Intelligence for automatic stratification/prioritization of patient subpopulations for deep understanding of COVID-19 and cancer associations in Cerner database.

Role: Co-I/Consultant (role change due to leave institution). (PI Shyu & Armer)

Washington University Institute of Clinical and Translational Sciences Clinical and Translational Research Funding Program (CTRFP)/NIH/National Center for Advancing Translational Sciences (NCATS) grant UL1TR002345. \$49,999

2019-2021 The Impact of Breast Cancer-related Lymphedema on *Rural* Survivors' Return to Work. Role: MPI. (PI: Allison Anbari)

Sigma Theta Tau International/Rosemary Berkel Crisp \$4,756

2019-2020 Self-reported Work Experiences and Quality of Life in *Latina* Breast Cancer Survivors with Lymphedema. Role: Co-I. (PI Elizabeth Anderson)

Sigma Theta Tau International Alpha Iota Chapter research fund \$1500

Intramural Research Grants (*Funded, followed by pending*)

2023-2025 Developing a digital peer health coaching program to activate lymphedema self-management among *rural* and urban breast cancer survivors. Role: PI.

University of Iowa Office of Vice President for Research. \$30,000

2023-2024 A telehealth peer support program to improve lymphedema pain self-management among *rural* and *low-income* breast cancer survivors. Role PI

Lila M. Johnson Fund. \$12,000

2021-2023 Technology-based support of the transition to a cancer survivor with lymphedema. Role: PI. *UM-St. Louis Research Award Competition. \$9,514* (postponed 5/2022 due to leaving the institution)

2017-2018 The Influence of Breast Cancer-related Lymphedema on Women's Return-to-Work. Role: PI. *Toni and Jim Sullivan Endowed Research Fund. \$1000*

Other Sponsored Projects

8-5-2024

Intramural Project Grants (*Funded, followed by pending*)

2022 Lymphedema self-management during return-to-work: The journey of urban, rural, Hispanic/Latina, and Ghanaian breast cancer survivors. 2022 46th MNRS. Role: PI

UMSL 2022 Faculty research travel grant. \$1000

2021 PI: The Effects of Lymphedema on Self-Reported Physical and Emotional Functions among Breast Cancer Survivors: A Meta-analysis. Role: PI

UM-St. Louis Faculty supplemental research funds \$1500

2016 The Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work; The Effects of Lymphedema on Self-reported Physical Function among Breast Cancer Survivors: A Meta-analysis. Presentations at National Lymphedema Network. Dallas, TX.

Graduate Professional Council (GPC) \$400

2015 Work in breast cancer survivors. Podium presentation at the International Society of Nurses in Cancer Care (ISNCC) conference, Vancouver, British Columbia July, 8-11, 2015.

Mizzou Advantage travel award \$1500

Unponsored Scientific / Educational Research and Other Projects

2018-present Lymphedema and Return-to-work experience among breast cancer survivors in Ghana. Role: co-PI (PI Miriam, deceased)

2020-2022 Facilitating students' collaborative work in an asynchronous online class.

(UM Teaching Scholar Project) Role: PI

2020-2021 The effects of music therapy on pain reduction using Care Channel among postoperative patients. Boone Hospital Center. Role: Consultant

Research and Clinical Presentations

International

*Anderson, E. A., Anbari, A. B., Baskett, W. I. **Sun, Y.**, Shyu, C-R., & Armer, J. M. (April 1, 2023).

Using Data Science Techniques to Identify Clinical Variables Associated with Negative Respiratory Outcomes in Breast Cancer Survivors Diagnosed with COVID-19. *47th Midwest Nursing Research Society's Annual Meeting "Leading the Way: The Critical Importance of Nursing Science and Implementation in a New Era,"* Des Moines, Iowa, March 29 - April 1, 2023. & (2023, June 26-27) *1st International Conference on Palliative Care and Family Health Nursing "Moving to Success,"* Bangkok, Thailand; & (2023, November 3-4) *Canadian Lymphedema Framework Conference, Toronto, Canada* [Peer-reviewed podium]

*Armer, J. M., Anderson, E. A., Baskett, W. I., Cheng, A-L., Anbari, A. B., Hulett, J. M., **Sun, Y.**, Narkthong, N., Armer, N. C., & Shyu, C-R. (2023). Breast Cancer Survivors with COVID-19 Are More Likely to Experience Lymphedema and Fatigue. *The 11th International Lymphoedema Framework conference "Stronger Together,"* Nottingham, UK, June 13-15, 2023.

*Anbari, A., **Sun, Y.**, McCaffery, S. Armer, J. (2021) The impact of breast cancer-related lymphedema on rural and small-town survivors on work and quality of life: a multiple-case study *10th International Lymphoedema Framework Conference (ILF 2021) Nov 18-20*

- *Sekyere, M., Armer, J., **Sun, Y.**, Anderson, E., Anbari, A. (Mar 29 2020). Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work and Quality of Life in Ghana. International Conference on Cancer Nursing (ICCN). London, UK (*Postponed due to Covid19*)
- ***Sun, Y.**, Armer, J. M. (June 13, 2019) Reliability of Circumferential Measurements for Assessment of Upper Extremity Lymphedema. Oral presentation at 9th International Lymphoedema Framework Conference. Chicago, IL. [Peer-reviewed poster]
- ***Sun, Y.**, Armer, J. M. (*March, 2019*) The Influences of Breast Cancer-related Lymphedema on Survivors' Return-to-Work. Oral Presentation at Midwest Nurse Research Society 43rd Annual Conference. Kansas City, MO. & (*June 13, 2019*) poster presentation at 9th International Lymphoedema Framework Conference. Chicago, IL.
- *Sekyere, M., Armer, J., **Sun, Y.**, Anderson, E., Anbari, A. (Jun 2019). Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work and Quality of Life in Ghana. 9th International Lymphoedema Framework Conference. Chicago, IL. [Peer-reviewed Poster]
- *Armer, J. M., Ballman, K., McCall, L., Suman, V., **Sun, Y.**, Udmuangpia, T., ... Boughey, J. C. (June, 2017). Symptoms and Limb Changes for Breast Cancer Survivors Treated with Neoadjuvant Chemotherapy: Lymphedema Results of ACOSOG Z1071 (Alliance). Multinational Association of Supportive Care in Cancer (MASCC/ISOO). Washington, DC: MASCC/ISOO. poster
- ***Sun, Y.**, Armer, J. M. (September, 2016). The Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work. Oral Presentation at National Lymphedema Network. Dallas, TX.
- ***Sun, Y.**, Armer, J. M. (September, 2015). Symptoms of Breast Cancer-Related lymphedema. Oral Presentation at 25th World Conference of Lymphology. San Francisco, CA.
- Armer, J.M., Armer, N., **Sun, Y.**, Stewart, B., Feldman, J. & Cormier, J. (2015, September), American Lymphedema Framework Project Open-space Stakeholder Meetings: Aiming to Shape the Future of Lymphedema Care in the United States. 25th World Congress of Lymphology., San Francisco, CA. [Peer-reviewed poster]
- Sun, Y.**, Armer, J. M. (July, 2015). Work among Breast Cancer Survivors: A Literature Review. Oral Presentation at 2015 International Conference on Cancer Nursing. Vancouver, BC.
- Armer, J. M., Armer, N. C., **Sun, Y.** (July, 2015) American Lymphedema Framework Project Open-Space Stakeholder Meetings: Aiming to Shape the Future of Lymphedema Care in the United States. Poster Presentation at 2015 International Conference on Cancer Nursing. Vancouver, BC.
- Sun, Y.**, Armer, J. M. (April, 2015 & June 2014). Safety and Benefits of Resistance and Stretching Exercises for Lymphedema. Poster Presentation at MU Healthcare Sharing Days. Columbia, MO. & 2014 International Lymphedema Framework Conference. Glasgow, UK.
- Sun, Y.**, Armer, J. M. (April, 2015 & June, 2014). Symptoms of Lymphedema in Breast Cancer Survivors: A Literature Review. Poster Presentation at Midwest Nurse Research Society Annual Conference. Indianapolis, IN. & 2014 International Lymphedema Framework Conference. Glasgow, UK. (Visa delayed, poster was carried and presented by co-author)

National

[invited/keynote/peer reviewed/podium/poster/etc.]

- ***Sun, Y.**, Fu, M.R., Jiang, Y (accepted) Maintaining Decongestive Therapy Self-management of Lymphedema among Breast Cancer Survivors. *American Psychosocial Oncology Society 2024 Annual Conference, New Mexico.*
- Margaret McNeely, Alaina Newell, **Yuanlu Sun**, Newell, Alaina M. Deborah Gross (2023, Oct 8) Creation of a consensus statement identifying the essential components of the maintenance phase of complete decongestive therapy (CDT). *2023 American Cancer Society Lymphology Association of North America (LANA) Lymphedema Summit St Louis MO.*

- *Elizabeth A A., Allison A., **Sun, Y.**, Armer J. M. (Feb 4 2021) Breast Cancer-Related Lymphedema Influences on the Work Experiences and Quality of Life of Hispanic/Latina Survivors. ONS/NCI/NINR Symptom Science Colloquium
- *Allison, A., **Sun, Y.** (Feb 4-5, 2021) Breast Cancer-Related Lymphedema and Rural Survivors' Return to Work. ONS/NCI/NINR Symptom Science Colloquium, virtual
- ***Sun, Y.**, Armer, J. M. (April, 2017 & September, 2016). The Effects of Lymphedema on Self-reported Physical Function among Breast Cancer Survivors: A Meta-analysis. Poster at MNRS 41st Annual Research Conference. Minneapolis, MN. & National Lymphedema Network. Dallas, TX.

Regional

- ***Wareg, N., Sun, Y. (instructor & mentor)**, Natsayakarn Narkthong, Miriam Sekyere, Allison B. Anbari, Elizabeth A. Anderson, Jane M. Armer (March 2023) Lymphedema self-care challenges for breast cancer survivors living in a resource-restricted community. 2023 47th MNRS Guaranteed Symposium: *Advancing Self-Care Science through the Research Lenses of the NINR 2022-2026 Strategic Plan*, Des Moines, IA
- *Anderson, E. A., Anbari, A. B., Baskett, W. I., Cheng, A-L., Armer, N. C., **Sun, Y.**, Shyu, C-R., & Armer, J. M. (2023, April 24-May18). Using Data Science Techniques to Identify Clinical Variables Associated with Negative Respiratory Outcomes in Breast Cancer Survivors Diagnosed with COVID-19. Poster presentation at the 5th Annual Washington University Institute of Clinical and Translational Sciences “*Advancing Clinical and Translational Science at an Academic Healthcare System Symposium,*” St. Louis, MO.
- ***Sun, Y.**, Anbari, A., Anderson, E. A., Wareg, N., Narkthong, N., Armer, J. M. (2022) Lymphedema self-management during return-to-work: The journey of urban, rural, Hispanic/Latina, and Ghanaian breast cancer survivors. 2022 46th MNRS Guaranteed Symposium: *Healing and Equity among Diverse populations: Journey toward the Future*, Schaumburg, IL
- *Allison, A., **Sun, Y.**, McCaffery (Mar 28, 2021) *The Impact of Breast Cancer-Related Lymphedema on Rural Survivors' Return to Work*. Midwest Nurse Research Society 45th conference, virtual
- Sun Y.** (Oct 23 2019) Cancer Survivorship: Lymphedema and Occupational Rehabilitation Oral presentation at 13th Annual Multidisciplinary Research Conference. Saint Louis, MO
- ***Sun, Y.**, Armer, J. M. (March, 2019). Reliability of Circumferential Measurements for Assessment of Upper Extremity Lymphedema. Poster Presentation at Midwest Nurse Research Society 43rd Annual Conference. Kansas City, MO.
- ***Sun, Y.**, Armer, J. M. (April, 2017). The Effects of Lymphedema on Self-Reported Physical Function among Breast Cancer Survivors: A Meta-analysis. Oral Presentation at Midwest Nurse Research Society Annual Conference. Minneapolis, MN.
- ***Sun, Y.**, Armer, J. M. (April, 2017). The Impact of Breast Cancer-related Lymphedema on Survivors' Return to Work. Poster Presentation at Midwest Nurse Research Society Annual Conference. Minneapolis, MN.
- Sun, Y.**, Armer, J. M. (April, 2017 & August, 2015). Return-to -Work among Breast Cancer Survivors: A Literature Review. Poster Presentation at Midwest Nurse Research Society Conference (MNRS). Minneapolis, MN. & 25th Caring for the Frail Elderly conference. Columbia, MO.

Local (including university)

- ***Sun, Y.**, (submitted) Facilitate students' collaborative learning in an asynchronized online class. *Focus on Teaching and Technology Conference (FTTC)*, Saint Louis, MO Sep 2021
- Sun, Y.** (April 28, 2021) Barriers and facilitators of students' collaborative learning in an online class. UM Teaching Scholars Spring Conference, small group discussion, virtual April 2021

Bridget Sheridan, Elise Elking, Emma Stevenson, Isabella Kudanovych **Mentor Dr. April Sun** (Apr 2021) *The Interprofessional Management of Concussions in the School Setting. Undergraduate Research Day in the Capitol 2021.*

Sun Y. (Oct 9, 2020) Cancer survivorship: lymphedema and occupational rehabilitation. Virtual Early Career Research Symposium University of Missouri-St. Louis

***Sun, Y.,** Allison, K., Armer, J. M. (November, 2015). Women's Concerns of Mammography for Breast Cancer Screening. Poster Presentation at MU Health Research Day. Columbia, MO.

Sun, Y., Armer, J. M. (August, 2015). Symptoms of Breast Cancer-Related lymphedema. Poster Presentation at 25th Caring for the Frail Elderly conference. Columbia, MO.

Sun, Y., Armer, J. M. (August, 2015). Effects of Resistant and Stretching Exercise on Breast Cancer-Related Lymphedema. Poster Presentation at 25th Caring for the Frail Elderly conference. Columbia, MO.

Other presentations

12/23/18 Speaker at 2018 Sun Yat-sen University International Young Scholar Symposium
(中山大学国际青年学者论坛) Guangzhou, China (virtual)

05/12/17 Guest Speaker at David Lile Show (Columbia radio program) Breast cancer and lymphedema

04/22/17 Guest Speaker at 'Eleventh Annual Breast Cancer Awareness and Survivorship Event',
Columbia MO

SERVICE

Editorial and Peer Review Service

Abstract reviewer

46th Midwest Nursing Research Society Annual Conference Oct Nov 2021

Journal Manuscript reviewer

Journal of Supportive Care in Cancer	1/24/22, 12/28/21, 9/15/21, 6/11/21, 5/21/21, 1/28/20, 1/14/20, 12/10/20, 11/27/20, 11/3/20, 8/21/20, 7/10/20
European Journal of oncology nursing	8/11/21, 7/7/20, 10/29/19, 2/10/19
European Journal of Cancer Care	3/2/20, 10/19/20
Journal of Cancer Survivorship	11/20/20, 8/19/20
BMC cancer	Jun-20
Journal of Psycho-oncology	Jun-20, 8/10/17. Reviewer certificate for psycho-oncology.
Journal of Cancer Management and Research	Oct-18, 8/23/18
Nursing Open	5/29/21
Journal of Women's Health	8/10/20
Journal of Aging and Physical Activity	11/11/21
Western Journal of Nursing Research	4/24/22
Computer, Informatics and Nursing	6/17/22, 11/15/22, 7/3/23

Professional Service (including organizational memberships and other professional activities)

9/2024- Medical Advisory Committee, *National Lymphedema Network* (Risk reduction,

8-5-2024

- healthy habits, oncology related lymphedema)
- 2022-pres. Member, Cancer Epidemiology and Population Health, Holden Comprehensive Cancer Center, University of Iowa
- 2022-pres. Committee, Knowledge Development & Dissemination, International Society of Nurses in Cancer Care (ISNCC)
- 2021-2023 Member, Gerontological Society of America
- 2013-pres. Member, Midwest Nurse Research Society (MNRS)
- 2021-pres. Member, American Medical Informatics Association
- 2018-2022. Member, Sigma Theta Tau International, Alpha Iota Chapter #31
- 2021-2022. Member, National Organization of Arts in Health
- 2021-pres. Member, Australasian Lymphology Association
- 2020-pres. Member, British lymphedema society
- 2021-pres. Member, American Statistic Association
- 2013-2018 Member, Oncology Nurse Society (ONS), Central Missouri Chapter

Collegiate Service (including College of Nursing Activities) (*list by institution within each category, CON first followed by activities completed at other universities*)

University of Iowa

- 9/2024-accepted Scholarship committee Uiowa CON
- 2022-2024 BSN holistic review, Uiowa CON
- 11-12/2022 Assist Curriculum mapping (AACN) N5010 Uiowa CON
- 10-12/2022 Faculty candidates' presentations attendee Uiowa CON

University of Missouri-Saint Louis

- 3/2022 AACN curriculum mapping N7495. UMSL
- 01/2019-5/2022 Ph.D. program committee, UMSL
- 2019-2022 Undergraduate admission holistic reviewer, UMSL
- 11/22/19 TT faculty interviews, UMSL
- 08/2019-5/2022 Graduate Committee, UMSL
- 12/2/19 Associate Dean interview, UMSL
- 11/9/19 UMSL day faculty representative Volunteer (open house) UMSL
- 1/2/21 Wrote recommendation letters for NTT faculty promotion (Reid, Roxanne) UMSL
- 2020-2022. Support undergraduate students applying for externs and jobs (Bridget, goodness, etc.) UMSL

TEACHING

University of Iowa

- 2024Sp N5010 Clinical Data Mgt, Instructor (solo), DNP 45 students
- 2023F N6826 Doctor of Nursing Practice Project I, Instructor DNP 9/77 students
- 2023Sp N5010 Clinical Data Mgt, co-Instructor, DNP 39 students

University of Missouri-Saint Louis

- 2022Sp N7870 Special Topic in Scientific Research: Cancer Survivorship Care (independent. study), Instructor, PhD Ann Strebeck 1 student

8-5-2024

2022Sp N3040 Concepts of Evidence-based Practice, Instructor, BSN 20 students
 2022Sp N7495 Mixed Methods Research in Health Care, Instructor PhD 17 students (cross campus)
 2021F N3040 Concepts of Evidence-based Practice, Instructor, BSN 29 students
 2021Sp N3020 Fundamental Concepts of Nursing Care, Instructor, BSN 5 students
 2021Sp N7495 Mixed Methods Research in Health Care, Instructor PhD 11 students
 2020F N3040 Concepts of Evidence-based Practice, Instructor, BSN 42 students
 2020SP N7495 Mixed Methods Research in Health Care, Instructor PhD 6 students
 2019F N3040 Concepts of Evidence-based Practice, Instructor, BSN 43 students
 2020F N3035 Health Assessment (lab), Instructor, Accel. BSN 6 students
 2019Sp N3206 Adult health II 00A Co-Instructor (2 instr. course lead Roxanne Reid), BSN 54 students
 2019Sp N3205 Adult Health I OA2&OA8, Co-instructor (2 instr. course lead Roxanne Reid), BSN 8 students
 10/3/19 N3807 Research and Evidence-based Practice, Quantitative Study Critique, *Guest Lecturer* BSN instr. Julie Bertam & Loyd Vanessa

University of Missouri-Columbia

4/16/19 N9420 Qualitative Methods, Qualitative data coding, and manuscript structuring, *Guest Lecturer*, PhD, Instr. Jane Armer
 2018Sp NURSE 3170 Nursing Skills Technologies and Simulation, Co-Instructor, BSN, Course lead Drs. Pamela Evans-Smith & Lea Wood/team teaching
 2018Sp Interprofessional Quality and Safety Simulations, Facilitator, BSN, Program lead Gretchen Gregory
 2016F NURSE 8020 Intermediate Statistical Methods for Health Researchers, Teaching Assistant, PhD Instr. Chelsea Deroche
 2016Sum SPSS Summer students' orientation, Statistic Software assistant, PhD & DNP, Instr. Chelsea Deroche

Columbia College

2018F BIOL/PSYC/SOCI324 Quantitative Statistics for the Behavioral and Natural Sciences; NURS301 Med-Surg Nurs. Assessment & Mgt of Clinical Problems, Suppl. Instr undergraduate students.

Course Development

University of Missouri-Saint Louis
 2019Sum N3040 Concepts of Evidence-based Practice, BSN

ADVISING & MENTORSHIP

2020-2023	Research practicum mentor (2021N9710, Advanced Research Practicum in Nursing)	PhD student (Nuha Wareg & Natsayakarn Narkthong) Mizzou qual. data analysis; Ghana analysis ongoing.
2021-2022	Co-Chair	PhD student (Nora Strebeck) cancer & caregiver
2021-2022	Co-Chair	PhD student (Ann Stratton) childhood cancer
2020-2022	Dissertation committee	PhD student (Ann Thaiudom) self-management (graduated) Thaiudom, Ann, "The Effect of Self-Management Support Interventions for Adults with Mild Traumatic Brain Injury and Family Caregivers" (2022). <i>Dissertations</i> . 1164. https://irl.umsl.edu/dissertation/1164

2020-2021	Comprehensive exam committee	PhD student (Christine M. DiRie) Veteran
2020-2021	Comprehensive exam committee	PhD student (Dale Mathis) Chair Sheila
2019-2020	Comp & dissertation committee	PhD student (Corrine Floyd) nurse incivility
2019-2020	Quality improvement project committee	DNP student (Emilee N. Laster) "Improving Patient Care: Implementing a Three-Minute Foot Exam for Diabetic Patients in a Primary Care Clinic"
10/10/19	F31 Mock reviewer	PhD student (Elizabeth Anderson) Latina Bra ca Mizzou
2013Sum	Project Mentor	BSN student Mizzou/Research Practicum (Dr. Armer lab)

INVITED ADVISING PRESENTATIONS

4/25/2015	Panel member	"Preparing for Comprehensive Exams"	Sinclair School of Nursing
6/4/2014	Panel member	"Orientation for New Nursing PhD Students"	Sinclair School of Nursing

MENTORING OUTCOMES

- Advisor: BSN students' EBP project presentation "The interprofessional management of Concussion in a school setting" *first place* at 2020 CON Research Day (11/12/2020); Represent UMSL presenting at UM System Undergraduate Research Day at the Capitol (Cross-campus undergrad research event, 4/2021)
- Advisor: BSN students' EBP project "Improving cultural competence of hospice care among minorities: what makes it work?" *2nd place* at 2020 CON Research Day (11/10/2021); (student group Bree Wenzel)

TEACHING DEVELOPMENT TRAINING

5/19-7/19	Online in 9	Center of Teaching & Learning. University of Missouri-St. Louis	9-wks Canvas course development training
6/20-7/20	Resilient Course Design (RSD)	Center of Teaching & Learning. University of Missouri-St. Louis	Design flexible, high-quality blended courses leveraging the best of Canvas-based online and in-person learning experiences
9/20-4/21	UM Teaching Scholar program	University of Missouri System	Teaching research project