CURRICULUM VITAE

Alaa Albashayreh, PhD, MSHI, RN
Assistant Professor
College of Nursing, 310 CNB
The University of Iowa
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EDUCATION

Year	Degree	Field of Study	Institution & Location
2017-2022	PhD	Nursing	University of Iowa, Iowa City, Iowa, United Sates
2020-2022	MSc	Health Informatics	University of Iowa, Iowa City, Iowa, United Sates
2007-2010	MSc	Nursing	Jordan University of Science and Technology, Irbid, Jordan
2002-2006	BSc	Nursing	Hashemite University, Zarqa, Jordan

PhD Dissertation (Advisor: Dr. Stephanie Gilbertson-White)
Albashayreh, A. E. I. (2022). *Evaluating Patient-Centered Outcomes in Palliative Care and Advanced Illness Using Natural Language Processing and Big Data Analytics* (Order No. 29319983). Available from ProQuest Dissertations & Theses Global. [link]

LICENSURE

2022 - Present	Registered Nurse, Iowa, #171217
2006 - Present	Registered Nurse, Jordan, #8085/60001

PROFESSIONAL EXPERIENCE

Academic Appointments

2023 - Present	Assistant Professor, University of Iowa, College of Nursing, Iowa City, Iowa, United Sates.
2022 - 2023	Associate Faculty, University of Iowa, College of Nursing, Iowa City, Iowa, United Sates.
2017 - 2022	Research Assistant, University of Iowa, College of Nursing, Iowa City, Iowa, United Sates.
2014 - 2017	Lecturer, Sultan Qaboos University, College of Nursing, Muscat, Oman.
2013 - 2014	Lecturer, Al-Hussein Bin Talal University, College of Nursing, Maan, Jordan.
2011 - 2013	Lecturer, Buraydah Colleges, Department of Nursing, Qassim, Saudi Arabia.
2008 - 2011	Clinical Nurse Educator (Part-Time), Jordan University of Science and Technology, Faculty of Nursing, Irbid, Jordan.

Clinical Appointments

2007 - 2011	Registered Nurse, King Abdulla University Hospital, Pediatric Intensive Care, Irbid, Jordan.

2006 - 2007   Registered Nurse, King Abdulla University Hospital, Oncology and Palliative Care, Irbid, Jordan.

HONORS AND AWARDS

2023   Dissertation Award, Health Systems, Policy, and Informatics Research and Implementation Interest Group, Midwest Nursing Research Society.

2023   Dissertation Award, Palliative and End-of-Life Care Research and Implementation Interest Group, Midwest Nursing Research Society.

2022   Dean's Award for Student Poster Competition of the Midwest Nursing Research Society, College of Nursing, University of Iowa ($500).

2022   Graduate College Presentation Travel Fund, University of Iowa ($600).

2021   Graduate Student Award, Palliative and End-of-Life Care Research and Implementation Interest Group, Midwest Nursing Research Society.

2021   Ballard and Seashore Dissertation Fellowship, University of Iowa ($10,500).

2021   Graduate and Professional Student Government Travel Grant, University of Iowa ($500).

2021   Kay Janice Green PhD Scholarship, University of Iowa ($20,000).

2021   Dean's Award for Student Poster Competition of the Midwest Nursing Research Society, College of Nursing, University of Iowa ($500).

2020   Barbara and Richard Csomay Doctoral Scholarship, University of Iowa ($10,000).

2020   Graduate College Summer Fellowship, University of Iowa ($5,000).

2020   Dean's Award for Student Poster Competition of the Midwest Nursing Research Society, College of Nursing, University of Iowa ($500).

2019   Graduate College Presentation Travel Funds, University of Iowa ($700).

SCHOLARSHIP

Scientific and Educational Research Grants

2025   **Albashayreh, A. (PI)**, Street, WN., & Furqan, M., Gilbertson-White, S. (2025). Predicting Deterioration Trajectories in Patients with Lung Cancer Using Machine Learning and Natural Language Processing. The Iowa Initiative for Artificial Intelligence. Total cost: $25,000.

2023   **Albashayreh, A. (PI)**, Hagiwara, Y., & Fan, W., Gilbertson-White, S. (2023-2024). Natural Language Processing to Measure Person-Centeredness of Care in Older Persons with Palliative Care Needs. JD and Jill Thoreson Optimal Aging Initiative Fund, University of Iowa. Total cost: $15,000.

2023   **Albashayreh, A. (PI)**, Hagiwara, Y., & Fan, W., Gilbertson-White, S. (2023-2024). Natural Language Processing to Measure Person-Centeredness of Care in Older Persons with Palliative Care Needs. Csomay Gerontology Research Award for Faculty, University of Iowa. Total cost: $15,000.

2020   **Albashayreh, A. (PI)** & Gilbertson-White, S. (2020-2022). Palliative Care Outcomes at a Tertiary Academic Medical Center Using EHR Data and Natural Language Processing. Institute for Clinical and Translational Science-Bio-Medical Informatics In-Kind Grant, University of Iowa. Total cost: $700.

2019   **Albashayreh, A. (PI)**, Shamieh, O., & Gilbertson-White, S. (2019-2020). What Matters Most to the Seriously Ill Patients. Stanley Graduate Award for International Research, University of Iowa. Total cost: $2,500.

2016   Al Sabei, S. (PI) & **Albashayreh, A**. (2016-2017). Quality of Hospital Work Environment, Nursing Workforce, and Nursing Outcomes. Sultan Qaboos University.

Grant #IG/CON/FACN/16/1. Total cost: $780.

2016   **Albashayreh, A. (PI)** & Al-Rawajfah, O. (2016-2017). Role Transition from Education to Practice and its Impact on Career Future of Omani Nurses. Sultan Qaboos University. Grant #IG/CON/FACN/16/2. Total cost: $6,237.

2015   **Albashayreh, A. (PI),** Al-Awaisi, H., & Karkada, S. (2015-2016). Nursing Practice Environment, Job Outcomes, and Quality of Patient Care in Oman. Sultan Qaboos University. Grant #IG/CON/DEAN/15/1. Total cost: $520.

Publications [KEY: * = data-based]

Peer-Reviewed Journal Articles

1. *__Albashayreh, A.__, Herr, K., Fan, W., Street, N., & Gilbertson-White, S. (2024). Harnessing natural language processing and high-dimensional clinical notes to detect goals-of-care and surrogate-designation conversations. *Clinical Nursing Research*. [link]

2. *Gilbertson-White, S. __Albashayreh, A.,__ Ji, Y., Bandyopadhyay, A., Zeinali, N., & Cherwin, C. (2024). Predictors of concordance between patient-reported and provider-documented symptoms in the context of cancer and multimorbidity. *Applied Clinical Informatics*: 15(5), 1130–1139. [link]

3. *__Albashayreh, A.__, Bandyopadhyay, A., Zeinali, N., Zhang, M., Fan, W., & Gilbertson White, S. (2024). Natural language processing accurately differentiates cancer symptom information in electronic health record narratives. *JCO Clinical Cancer Informatics*: 8, e2300235. [link]

4. *Bandyopadhyay, A., __Albashayreh, A.,__ Zeinali, N., Fan, W., & Gilbertson-White, S. (2024). Using real-world electronic health record data to predict the development of 12 cancer-related symptoms in the context of multimorbidity. *JAMIA open*: 7(3), ooae082. [link]

5. *Zeinali, N., __Albashayreh, A.__, Fan, W., & White, S. G. (2024). Symptom-BERT: enhancing cancer symptom detection in EHR clinical notes. *Journal of Pain and Symptom Management*: 68(2), 190–198.e1. [link]

6. Zeinali, N., Youn, N., __Albashayreh, A.__, Fan, W., & Gilbertson White, S. (2024). Machine learning approaches to predict symptoms in people with cancer: systematic review. *JMIR Cancer*: 10, e52322. [link]

7. *Sabei, S. D. A., Al-Rawajfah, O. M., __Albashayreh, A.__, Yahyaei, A. A., & Al-Maqbali, M. (2024). The first two years of experience: a mixed-methods study exploring the work environment and transition to practice of graduate nurses. Nursing Forum: 1, 2445645. [link]

8. *__Albashayreh, A.__, Gilbertson-White, S., Al Nashash, D., Shamieh, O., Al-Omari, M., & Kinser, P. (2023). A qualitative exploration of goals of care discussions with seriously ill patients in Jordan. *Palliative & Supportive Care:* 1-8. [link]

9. *Moon, C., Benson, C. J., __Albashayreh__, A., Perkhounkova, Y., & Burgess, H. J. (2023). Sleep, circadian rhythm characteristics and melatonin levels in later life adults with and without coronary artery disease. *Journal of Clinical Sleep Medicine:* 9(2), 283-292. [link]

10. *Al-Rawajfah, O., __Albashayreh, A.__, Al Sabei, D., Al-Maqbali, M., & Al Yahyaei, A. (2023). Role transition from education to practice and its impact on the career futures of Omani nurses. *Nurse Education Today:* 68, 103594. [link]

11. *__Albashayreh, A.__, Al Sabei, S. D., Al-Rawajfah, O. M., & Al-Awaisi, H. (2019). Healthy work environments are critical for nurse job satisfaction: implications for Oman. *International Nursing Review*: 66, 389-395. [link]

12. *Bar-Sela, G., __Albashayreh, A.__, … Silbermann, M. (2019). Human development index and its association with staff spiritual care provision: a Middle Eastern oncology study. *Supportive Care in Cancer*: 27(9), 3601-3610. [link]

13. Cherwin, C., Nakad, L., & **Albashayreh, A**. (2019). Systematic review of nonpharmacologic approaches for the management of gastrointestinal symptoms. *Oncology Nursing Forum*: 46(1), E1-E21. [link]
14. *Al-Sabei, S., Labrague, L., Miner, R., Karkada, S., **Albashayreh, A**., Masroori, F. Al-Hashmi, N. (2019). Nursing work environment, turnover intention, job burnout, and quality of care: the moderating role of job satisfaction. *Journal of Nursing Scholarship*: 52(1), 95-104. [link]
15. *Bar-Sela, G., **Albashayreh, A**., … Silbermann, M. (2018). Training for awareness of one's own spirituality: A key factor in overcoming barriers to the provision of spiritual care to advanced cancer patients by doctors and nurses. *Palliative & Supportive Care:* 17(3), 345-352. [link]
16. ***Albashayreh, A.**, Al-Rawajfah, O. M., Al-Awaisi, H., Karkada, S., & Al Sabei, S. (2018). Psychometric properties of an Arabic version of the Patient Satisfaction with Nursing Care Quality Questionnaire. *Journal of Nursing Research*: 27(1), 1-9. [link]
17. *AbuAlRub, R., Gharaibeh, H., & **Bashayreh, A**. (2012). The relationships between safety climate, teamwork, and intent to stay at work among Jordanian hospital nurses. *Nursing Forum*, 47: 65-75. [link]

Published Abstracts
1. ***Albashayreh, A.**, Zeinali, N., & White, S. (2024). Innovating the detection of care priorities in heart failure using large language models. *Innovation in Aging*, 8(Suppl 1), 1339. [link]
2. *Zeinali, N., **Albashayreh, A.**, Fan, W., & Gilbertson-White, S. (2024). Comparison of BERT implementations for enhanced cancer symptoms extraction from electronic health records. IEEE First International Conference on Artificial Intelligence for Medicine, Health and Care (AIMHC), Laguna Hills, CA, USA, 2024, pp. 18-19. [link]
3. ***Albashayreh, A.,** Gilbertson-White, S. (2022). Identifying surrogate decision maker and code status discussions in advance care planning notes using natural language processing. *Journal of Pain & Symptom Management:* 63(6), 1112. [link]
4. *Gilbertson-White, S., **Albashayreh, A.,** Cherwin, C., Bandyopadhyay, A. (2022). Predictors of symptom reporting concordance between patient and provider in the context of cancer and multimorbidity. *Journal of Pain & Symptom Management:* 63(6), 1125-1126. [link]
5. *Hagiwara, Y., Rostad, M., Arce, J., **Albashayreh, A.**, Gilbertson-White, S. (2021). Characteristics and predictors of hospitalized neurosurgical patients referred for palliative care consultation at a tertiary academic medical center. *Journal of Pain & Symptom Management:* 61(3), 435-704. [link]
6. ***Albashayreh, A.**, Gilbertson-White, S., Shamieh, O., Al-Omari, M. (2020). Seriously ill patient perspectives of and attitudes toward discussing goals of care and treatment preferences: a qualitative study in a Middle Eastern country. *Journal of Pain and Symptom Management:* 59(2), 575-576. [link]
7. ***Albashayreh, A**. (2010). Opioidphobia and cancer pain management. *Journal of Pediatric Hematology Oncology*: 33, 60-61. [link]

Manuscripts-in-progress
1. ***Albashayreh, A.**, Zeinali, N., Gusen, NJ., Ji, Y., & Gilbertson-White, S. An informatics approach to characterizing spiritual care documentation in electronic health records of older adults. Under review: Applied Clinical Informatics.
2. *Zeinali, N., **Albashayreh, A**., Fan, W., & White, S. G. (2024). Using large language models to detect anxiety and nausea/vomiting documentation in clinical notes of patients with cancer. Under review: JCO Clinical Cancer Informatics.

3. *Aggarwal, S., Youn, N., **Albashayreh, A**., & Gilbertson-White, S. Symptom representations within the context of cancer and multimorbidity: A qualitative descriptive study. Under review: Supportive Care in Cancer.
4. ***Albashayreh, A**., Herr, K., Fan, W., Street, N., & Gilbertson-White, S. Evaluating prevalence and predictors of goal-discordant care in cancer using electronic health records data. In preparation: Journal of Palliative Medicine.
5. ***Albashayreh, A**., Hagiwara, Y., Zeinali, N., & Gilbertson-White, S. Comparing healthcare utilization and costs among older adults with and without palliative care referral. In preparation: The Gerontologist.
6. ***Albashayreh, A**., Zeinali, N., Fan, W., & Gilbertson-White, S. A natural language processing analysis of treatment preferences and advance directive completion among older adults with chronic conditions. In preparation: Innovation in Aging.
7. **Albashayreh, A**., Aggarwal, S., Gilbertson-White, S. Measuring goal-concordant care in advanced illness and end-of-life settings: a systematic scoping review. In-preparation: Journal of Palliative Medicine.

Research and Clinical Presentations [KEY: * = data-based]
International
1. ***Albashayreh, A.,** Gilbertson-White, S., Bandyopadhyay, A., Fan, W. (June 2022). The automated extraction of cancer symptoms from clinical notes using natural language processing [Poster presentation]. Multinational Association of Supportive Care in Cancer, Annual Meeting [Virtual].
2. *Gilbertson-White, S., **Albashayreh, A.,** Bandyopadhyay, A., Cherwin, C., & Fan, W. (June 2022). Predictors of symptom reporting concordance between patient and provider in the context of cancer and multimorbidity [Poster presentation]. Multinational Association of Supportive Care in Cancer, Annual Meeting [Virtual].
3. *Bandyopadhyay, A., **Albashayreh, A.,** Fan, W., & Gilbertson-White, S. (June 2022). Symptom prediction using interpretable machine learning [Poster presentation]. Multinational Association of Supportive Care in Cancer, Annual Meeting [Virtual].
4. ***Albashayreh, A**. (March 2017). Transcultural adaptation and psychometric evaluation of an Arabic version of the Patient Satisfaction with Nursing Care Quality Questionnaire [Podium presentation]. 24th Global Nursing and Healthcare Conference, Amsterdam, Netherlands.

National
1. ***Albashayreh, A**., Zeinali, N., Ji, Y., Gusan, NJ., & Gilbertson-White, S. (November 2024). Innovating the detection of care priorities in heart failure using large language models [Podium presentation]. Gerontological Society of America, Annual Scientific Meeting, Seattle, Washington.
2. ***Albashayreh, A**., Zeinali, N., Ji, Y., Gusan, NJ., & Gilbertson-White, S. (November 2024). Leveraging Spiritual-BERT for characterizing spiritual care documentation in ehrs of older adults with heart failure [Poster presentation]. American Medical Informatics Association, Annual Symposium, San Francisco, California.
3. ***Albashayreh, A**., Gilbertson-White, S, Fan, W**.**, & Herr, K. (November 2023). Leveraging natural language processing and electronic health record data to estimate the delivery of goal-discordant care at the end of life [Podium presentation]. American Medical Informatics Association, Annual Symposium, New Orleans, Louisiana.
4. *Gilbertson-White, S., Bandyopadhyay, A., **Albashayreh, A**., Zeinali, N., Davis, H., Ortman, C., & Fan, W**.** (March 2023). Using EHR data to predict symptom development for a cancer

symptom-management mobile app [Podium presentation]. American Medical Informatics Association, Informatics Summit, Seattle, Washington.

5. ***Albashayreh, A**., Gilbertson-White, S., & Fan, W**. (February 2023). Mining clinical notes to detect screening for spiritual concerns and fears of death [Podium presentation]. Palliative Care Research Collaborative, Annual Investigator Meeting, Denver, Colorado.

6. ***Albashayreh, A**. & Gilbertson-White, S. (February 2022). Identifying surrogate decision-maker and code status discussions in advance care planning notes using natural language processing [Poster presentation]. The State of the Science of Hospice and Palliative Care [Virtual].

7. *Gilbertson-White, S., **Albashayreh, A.,** Cherwin, C., & Bandyopadhyay, A. (February 2022). Predictors of symptom reporting concordance between patient and provider in the context of cancer and multimorbidity [Poster presentation]. The State of the Science of Hospice and Palliative Care [Virtual].

8. **Albashayreh, A.,** Aggarwal, S., Tark, A., & Gilbertson-White, S. (February 2021). A systematic scoping review of goals of care, intensity of end-of-life care, and goal-concordant care in adults with serious illness [Poster presentation]. Annual Assembly of Hospice and Palliative Care [Virtual].

9. *Wilde, J., **Albashayreh, A.,** & Hagiwara, Y. (February 2021). Benefits of an interdisciplinary palliative care rotation at a tertiary academic medical center [Poster presentation]. Annual Assembly of Hospice and Palliative Care [Virtual].

10. *Arce, J., Rowland, I., **Albashayreh, A.,** Gilbertson-White, S., & Hagiwara, Y. (February 2021). Characteristics and outcomes of hospitalized neurosurgical patients referred for palliative care consultation at a tertiary academic medical center [Poster presentation]. Annual Assembly of Hospice and Palliative Care [Virtual].

11. ***Albashayreh, A**., Gilbertson-White, Shamieh, O., & Al-omari, M. (March 2020). Seriously ill patient perspectives of and attitudes toward discussing goals-of-care and treatment preferences: a qualitative study in a Middle Eastern country [Poster presentation]. Annual Assembly of Hospice and Palliative Care [Conference canceled], San Diego, California.

12. ***Albashayreh, A**. (December 2010). Opioidphobia and cancer pain management. Middle East Cancer Consortium, Steering Committee Workshop for Palliative and End-of-Life Care [Paper presentation], Antalya-Turkey.

State/Regional
1. ***Albashayreh, A**., Ji, Y., & Gilbertson-White, S**. (March 2024). Leveraging natural language processing to identify priorities of care in dementia [Poster presentation]. Midwest Nursing Research Society, 48th Annual Research Conference, Minneapolis, Minnesota.

2. ***Albashayreh, A**., Fan, W., & Gilbertson-White, S**. (March 2023). Machine learning and text mining to detect screening for spiritual and religious concerns and talking about death and dying in electronic health record data [Podium presentation, Competitive symposium]. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa.

3. ***Albashayreh, A**., Fan, W., & Gilbertson-White, S**. (March 2023). Goals-of-care and surrogate decision-maker discussions: generating real-world evidence using big data and text mining [Podium presentation, Competitive symposium]. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa.

4. *Gilbertson-White, S., **Albashayreh, A.,** Bandyopadhyay, A., & Fan, W. (March 2023). Using big data and natural language processing to explore cancer symptoms [Podium presentation]. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa.

5. * Youn, N., **Albashayreh, A.**, Aggarwal, S., & Gilbertson-White, S. (March 2023). Illness perception in cancer patients with multiple chronic conditions [Poster presentation]. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa.
6. *Aggarwal, S., **Albashayreh, A.**, Youn, N., & Gilbertson-White, S. (March 2023). 'Symptom' and 'symptom management' described by patients with cancer and multimorbidity [Poster presentation]. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa.
7. ***Albashayreh, A**. & Gilbertson-White, S. (March 2022). Establishing a natural language processing gold-standard corpus to identify documentation of palliative care elements in clinical notes [Poster presentation, PhD Student Competition]. Midwest Nursing Research Society, 46th Annual Research Conference, Schaumburg, Illinois.
8. **Albashayreh, A.**, Aggarwal, S., Tark, A., & Gilbertson-White, S. (March 2021). Goal-concordant care in serious illness: a systematic scoping review and recommendations for palliative and end-of-life care [Poster presentation, PhD Student Competition]. Midwest Nursing Research Society, 45th Annual Research Conference [Virtual].
9. *Weihs, C., **Albashayreh, A.**, Vu, K., Jacobo, A., Zhang, M., & Moon, C. (March 2021). Relationships among caffeine, alcohol, and sleep in older adults with and without coronary artery disease [Poster presentation]. Midwest Nursing Research Society (MNRS) 45th Annual Research Conference [Virtual].
10. ***Albashayreh, A**., Gilbertson-White, Shamieh, O., & Al-omari, M. (April 2020). Discussing end-of-life goals of care and treatment preferences: qualitative interviews with seriously ill adult patients [Poster presentation, Awarded first place – PhD Student Poster Competition]. Midwest Nursing Research Society, 44th Annual Research Conference [Virtual].
11. *Willardson, B., **Albashayreh, A.**, Hoth, K., & Moon, C. (April 2020). Comparison of cognition by having chronic pain and use of pain medication in older adults with ischemic heart disease [Poster presentation]. Midwest Nursing Research Society (MNRS) 44th Annual Research Conference [Virtual], Schaumburg, Illinois.
12. ***Albashayreh, A**., Gilbertson-White, S., & Hagiwara, Y. (March 2019). Factors associated with survival after initiation of palliative care in patients with advanced illness [Podium presentation]. Midwest Nursing Research Society, 43rd Annual Research Conference, Kansas City-Missouri.
13. *Moon, C., Burgess, H., **Albashayreh, A**., Magnotta, V., & Hoth, K. (March 2019). The feasibility of circadian rhythm and magnetic resonance imaging data collection in older adults with a cardiovascular disease: a review of preliminary findings from the Healthy Aging, Heart, and Sleep Study [Poster presentation]. Midwest Nursing Research Society, 43rd Annual Research Conference, Kansas City-Missouri.

Local
1. **Albashayreh, A.** (September 2024). Natural Language Processing to Evaluate Patient-Centered Outcomes in Older Adults with Chronic Illness [Oral presentation]. University of Iowa Carver College of Medicine, Biomedical and Health Informatics Community.
2. Gilbertson-White, S. & **Albashayreh, A.**, (November 2022). Evaluating symptom variability in multimorbidity and advanced cancer: A CAMS pilot study. University of Iowa Center for Advancing Multimorbidity Science (CAMS).
3. **Albashayreh, A.**, Aggarwal, S., Tark, A., & Gilbertson-White, S. (May 2021). A systematic scoping review of goals of care, intensity of end-of-life care, and goal-concordant care in adults with serious illness [Poster presentation]. The 6th Annual University of Iowa Nursing Recognition Day [Virtual].

<div align="center">**SERVICE**</div>

Editorial and Peer Review Service

2024 - Present   CIN: Computer, Informatics, and Nursing, Reviewer.
2024 - Present   Journal of Advanced Nursing, Reviewer.
2024 - Present   Research in Gerontological Nursing, Reviewer.
2022 - Present   Palliative Medicine, Reviewer.

Grant Review

2022   Sultan Qaboos University College of Nursing.
2020 - 2022   Graduate and Professional Student Government, University of Iowa.
2015 - 2016   Grants Review Committee, Sultan Qaboos University College of Nursing.

Professional Service

Informatics

2020 - Present   American Medical Informatics Association, Member.
                  2022 - 2024, Reviewer, Annual Symposium.
                  2022, Reviewer, Informatics Summit.
                  2021 - 2023, Student Representative, Nursing Informatics Working Group.
                  2021, Member, Workshop Committee, Exploring Mechanisms to Examine Racial
                  Biases Within a Learning Health System Framework, 2021 Annual Symposium, San
                  Diego, California.
                  2021, Member, Workshop Committee, The Future of Nursing: Charting a Path to
                  Achieve Health Equity, A Nursing Informatics Perspective, 2021 Annual Symposium,
                  San Diego, California.

Palliative Care

2018 - Present   Hospice and Palliative Nurses Association, Member.
2019 - 2022   American Academy of Hospice and Palliative Medicine, Member.

Nursing

2019 - Present   Sigma Theta Tau International, Member.
                  2024 - 2025, Chair, Leadership Succession Committee, Gamma Chapter.
                  2023, Member, Leadership Succession Committee, Gamma Chapter.
2018 - Present   Midwest Nursing Research Society, Member.
                  2022 - 2024, Reviewer, Annual Research Conference.
                  2020 - 2022, Chair, Student Leadership Committee, Palliative and End-of-Life Care
                  Research Interest and Implementation Group.

University and Collegiate Service

                  University of Iowa, Iowa City, United States
2024 - Present   Bio-Nursing Informatics Core (BNI), Member.
2024 - Present   Informatics and Emerging Technologies, Member of Course Design Team.
2023 - Present   College of Nursing MSN Admission Committee, Application Reviewer.
2022 - Present   College of Nursing BSN Admission Committee, Application Reviewer.
2022 - Present   University of Iowa Holden Comprehensive Cancer Center, Associate Member.
2022 - Present   PhD Forum, College of Nursing, Member.
2022   Navigating Relationships with Employers and Advisors through the International

	Student and Scholar Services, Panelist.
2021 - 2022	University of Iowa Strategy Team, Research and Discovery Development Team, Member.
2020 - 2021	PhD Forum, College of Nursing, PhD Student Representative.
2020 - 2021	Graduate and Professional Student Government, Delegate.
2020 - 2021	International Student Advisory Board, Member.
2020 - 2021	Association of Graduate Nursing Students, Member.

Sultan Qaboos University, Muscat, Oman

2017 - 2017	Scientific Committee, the Second International Conference, College of Nursing, Member.
2015 - 2015	Taskforce to develop a policy for funding faculty mentored student projects, College of Nursing, Co-Chair.
2015 - 2015	Taskforce on quality accreditation, College of Nursing, Member.
2015 - 2015	Taskforce on the Accreditation Commission for Education in Nursing Forum, College of Nursing, Member.
2014 - 2017	Quality Improvement Committee for the Accreditation Commission for Education in Nursing, College of Nursing, Member.
2014 - 2015	Curriculum Committee, College of Nursing, Member.

Al Hussien Bin Talal University, Maan, Jordan

2013 - 2014	Research Committee, College of Nursing, Member.

Buraydah Colleges, Qassim, Saudi Arabia

2011 - 2013	Quality Assurance Committee, Department of Nursing, Chair.
	Curriculum Committee, Department of Nursing, Chair.

King Abdulla University Hospital, Irbid, Jordan

2008 - 2011	Internal Auditing Committee, Department of Nursing, Member.
2007 - 2011	Palliative Care Journal Club, Department of Nursing, Member.

Community Service

2020	Vital Talk - COVID Communication Playbook, Arabic Translator Volunteer.
2016	School students' immunization campaign, Muscat, Oman, Medical Volunteer.
2015	Organized and assisted as a nurse in medical welfare in Nizwa, Oman, Medical Volunteer.
2009	First aid workshop for school students, Zarqa, Jordan, Medical Volunteer.
2006 - 2010	Annual medical welfare, Irbid, Jordan, Medical Volunteer.

TEACHING

Instructional Activities

University of Iowa, Iowa City, United States

Spring 2023 - Fall 2024	NURS:3151, Introduction to Clinical Concepts for Nursing, Team Teacher.
Spring 2023, Spring 2024	NURS:7003, Quantitative Research, Guest Lecturer.
Fall 2022, Fall 2023	NURS:3460, Professional Role II: Research, Guest Lecturer.

Sultan Qaboos University, Muscat, Oman

Fall 2014 - Spring 2017	BSN, Nursing Management and Leadership, didactic and practicum.
Spring 2017	BSN, Graduation Project, practicum.
Fall 2016 - Spring 2017	BSN, Critical Thinking and Clinical Judgment, didactic.
Summer 2016	BSN, Nursing Research, didactic.
Fall 2015 - Spring 2016	BSN, Transition from education to practice, practicum.
Fall 2015 - Spring 2016	BSN, Physical Assessment, lab.

Al Hussien Bin Talal University, Maan, Jordan

Fall 2013 - Spring 2014	BSN, Nursing Management and Leadership, didactic.
Spring 2014	BSN, Pediatric Care Nursing, didactic and practicum.
Fall 2013	BSN, Medical Surgical Nursing, didactic and practicum.

Buraydah Colleges, Qassim, Saudi Arabia

Fall 2012 - Spring 2013	HIS, Quality Management in Healthcare, didactic.
Fall 2012 - Spring 2013	HIS, Health Information Management, didactic.
Spring 2011 - Fall 2012	BSN, Nursing Research, didactic.
Fall 2011 - Spring 2013	BSN, Adult Health Nursing, didactic and practicum.
Spring 2011 - Fall 2012	HIS, Health Informatics, didactic.

Jordan University of Science and Technology, Irbid, Jordan

Fall 2009 - Spring 2010	BSN, Critical Care Nursing, practicum.
Fall 2008 - Fall 2010	BSN, Senior Training, practicum.
Fall 2008 - Spring 2009	BSN, Medical Surgical Nursing, practicum.

Advisement

University of Iowa, Iowa City, United States

Student Advisement

Spring 2024 – Fall 2024	Claire Stephenson, BSN Student, URES:3993 Undergraduate Research/Creative Projects.
Spring 2023	Yasmin Herz, BSN Student, URES:3993 Undergraduate Research/Creative Projects.
	Nolan Hoving, BSN Student, URES:3993 Undergraduate Research/Creative Projects.