

CURRICULUM VITAE

Alaa Albashayreh, PhD, MSHI, RN

Assistant Professor

College of Nursing, 310 CNB

University of Iowa

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EDUCATION

| Year | Degree | Institution/Location |
|-----------|--|--|
| 2017-2022 | Doctor of Philosophy (PhD), Nursing | University of Iowa, Iowa City, Iowa, United States |
| 2020-2022 | Master of Science in Health Informatics (MSHI) | University of Iowa, Iowa City, Iowa, United States |
| 2007-2010 | Master of Science in Nursing (MSN) | Jordan University of Science and Technology, Irbid, Jordan |
| 2002-2006 | Bachelor of Science in Nursing (BSN) | Hashemite University, Zarqa, Jordan |

PhD Dissertation: Albashayreh, A. E. I. (2022). *Evaluating Patient-Centered Outcomes in Palliative Care and Advanced Illness Using Natural Language Processing and Big Data Analytics*. PhD, University of Iowa. Available from ProQuest Dissertations & Theses Global. [\[link\]](#)

LICENSURE

| Year | Source | License | Number |
|----------------|-------------------------|-----------------------|------------|
| 2022 - Present | Iowa Board of Nursing | Registered Nurse (RN) | 171217 |
| 2006 - Present | Jordan Board of Nursing | Registered Nurse (RN) | 8085/60001 |

CERTIFICATIONS

| Year | Source | Type | Number |
|----------------|----------------------------|--|--------------|
| 2024 - Present | American Heart Association | Advanced Cardiovascular Life Support (ACLS) Provider | 245405174141 |
| 2023 - Present | American Heart Association | Basic Life Support (BLS) Provider | 245413893838 |

PROFESSIONAL EXPERIENCE

| Year | Position | Institution/Location |
|------------------------------|--------------------------------------|---|
| Academic Appointments | | |
| 2023 - Present | Assistant Professor - Tenure Track | University of Iowa, College of Nursing, Iowa City, Iowa, United States. |
| 2022 - 2023 | Associate Faculty - Pre-tenure Track | University of Iowa, College of Nursing, Iowa City, Iowa, United States. |
| 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. |
| Research Appointments | | |
| 2017 - 2022 | Graduate Research Assistant | University of Iowa, College of Nursing, Iowa City, Iowa, United States. |

HONORS AND AWARDS

| | |
|------|---|
| 2025 | Kathleen and Joseph Buckwalter Prize for Gerontological Nursing. |
| 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. |
| 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.
- 2021 Kay Janice Green PhD Scholarship, University of Iowa.
- 2020 First Place - PhD Student Poster Competition, Midwest Nursing Research Society.
- 2020 Barbara and Richard Csomay Doctoral Scholarship, University of Iowa.
- 2020 Graduate College Summer Fellowship, University of Iowa.

SCHOLARSHIP

PUBLICATIONS

KEY: * = data-based; † = mentored work with student/trainee/new author; Underline = Senior but not first author.

Journals

Peer-Reviewed

1. *Zeinali, N., **Albashayreh, A.**, Fan, W., & Gilbertson-White, S. (2025). Using large language models to detect anxiety and nausea/vomiting documentation in clinical notes of patients with cancer. *CIN: Computers, Informatics, Nursing*: 10.1097/CIN.0000000000001418 [[link](#)]
2. *†**Albashayreh, A.**, Zeinali, N., Gusen, N. J., Ji, Y., & Gilbertson-White, S. (2025). An informatics approach to characterizing rarely documented clinical information in electronic health records: Spiritual care as an exemplar. *Applied Clinical Informatics*, 16(4), 1146–1156 [[link](#)]
3. *Aggarwal, S., Youn, N., **Albashayreh, A.**, & Gilbertson-White, S. (2025). Symptom representations in people with multimorbidity undergoing treatment for cancer: a qualitative descriptive study. *Supportive Care in Cancer*, 33(2), 121. [[link](#)]
4. ***Albashayreh, A.**, Herr, K., Fan, W., Street, W.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](#)]
5. *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](#)]
6. ***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](#)]
7. *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](#)]
 8. *Zeinali, N., **Albashayreh, A.**, Fan, W., & Gilbertson-White, S. (2024). Symptom-BERT: enhancing cancer symptom detection in EHR clinical notes. *Journal of Pain and Symptom Management*, 68(2), 190–198.e1. [[link](#)]
 9. 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](#)]
 10. *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](#)]
 11. ***Albashayreh, A.**, Gilbertson-White, S., Al Nashash, D., Shamieh, O., Al-Omari, M., & Kinser, P. (2024). A qualitative exploration of goals of care discussions with seriously ill patients in Jordan. *Palliative & Supportive Care*, 22(5), 986–993. [[link](#)]
 12. *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](#)]
 13. *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](#)]
 14. *Al-Sabei, S., Labrague, L., Miner, R., Karkada, S., **Albashayreh, A.**, Masroori, F., Al-Hashmi, N. (2020). 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. ***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](#)]
 16. ***Albashayreh, A.**, Al-Rawajfah, O. M., Al-Awaisi, H., Karkada, S., & Al Sabei, S. (2019). 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. *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](#)]
18. 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](#)]
19. *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](#)]
20. *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](#)]
21. ***Albashayreh, A.** (2010). Opioidphobia and cancer pain management. *Journal of Pediatric Hematology Oncology*, 33, 60-61. [[link](#)]

Abstracts

1. ***Albashayreh, A.**, Street, W.N., & Gilbertson-White, S. (2025). Pilot Validation of AI-Derived Features for Prognostic Models in Geriatric Oncology. *Innovation in Aging*, 9(Suppl 2), 4174. [[link](#)]
2. *†Ji, Y., **Albashayreh, A.**, & Gilbertson-White, S. (2025). Disparities in Advance Care Planning: Gaps in Clinical Notes on Comfort vs. Life-Sustaining Treatment Preferences. *Innovation in Aging*, 9(Suppl 2), 3571. [[link](#)]
3. *†**Albashayreh, A.**, Zeinali, N., Hagiwara, Y., & Gilbertson-White, S. (2025). Disparities in advance directive completion and life-sustaining treatment preferences in older adults. *Journal of Pain and Symptom Management*, 69(5): e733. [[link](#)]
4. *†**Albashayreh, A.**, Zeinali, N., & Gilbertson-White, S. (2024). Innovating the detection of care priorities in heart failure using large language models. *Innovation in Aging*, 8(Suppl 1), 1339. [[link](#)]
5. ***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 and Symptom Management*, 63(6), 1112. [[link](#)]
6. *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 and Symptom Management*, 63(6), 1125-1126. [[link](#)]

7. *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 and Symptom Management*, 61(3), 435-704. [[link](#)]
8. ***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](#)]

GRANTS

Scientific and Educational Research Grants

Intramural Research Grants

Funded

- 2025 **Albashayreh, A. (PI)**, Street, W.N., 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, University of Iowa, \$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. Csomay Gerontology Research Award for Faculty, University of Iowa, \$30,000.
- 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, \$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, \$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, \$2,500.
- 2016 Al Sabei, S. (PI) & **Albashayreh, A.** (2016-2017). Quality of Hospital Work Environment, Nursing Workforce, and Nursing Outcomes. Sultan Qaboos University, \$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, \$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, \$520.

Extramural Research Grants

Pending

- 2025 **Albashayreh, A. (PI)**, Zeitler, W., Hagiwara, Y., Street, W.N., & Gilbertson-White, J. (2025). Explainable AI Prognostication to Guide Palliative Care Timing in Lung Cancer. R01. National Cancer Institute.
- 2025 **Albashayreh, A. (PI)**, Zeitler, W., Hagiwara, Y., Street, W.N., & Gilbertson-White, J. (2025). Multi-Domain Needs Assessment for AI-Guided Palliative Care Timing in Metastatic Cancer. Pilot and Exploratory Studies Award. The ASCENT Consortium.
- 2025 Britt, KC., **Albashayreh, A. (Co-I)**, & Periyakoil, VJ. (2025). Enhancing Spiritual Care for Persons Living with Dementia in a Rural-Urban Serving Health System: A Mixed-Methods Study of Referral Patterns, Delivery, Health Outcomes, and Lived Experience. Research Scholar Award. The ASCENT Consortium.

PRESENTATIONS

KEY: * = data-based; † = mentored work with student/trainee/new author; Underline = Senior but not first author.

Research and Clinical Presentations

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. Multinational Association of Supportive Care in Cancer, Annual Meeting [Peer Reviewed, Poster, Webinar].
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. Multinational Association of Supportive Care in Cancer, Annual Meeting [Peer Reviewed, Poster, Webinar].

3. *Bandyopadhyay, A., **Albashayreh, A.**, Fan, W., & Gilbertson-White, S. (June 2022). Symptom prediction using interpretable machine learning. Multinational Association of Supportive Care in Cancer, Annual Meeting [Peer Reviewed, Poster, Webinar].
4. ***Albashayreh, A.** (March 2017). Transcultural adaptation and psychometric evaluation of an Arabic version of the Patient Satisfaction with Nursing Care Quality Questionnaire. 24th Global Nursing and Healthcare Conference, Amsterdam, Netherlands [Peer Reviewed, Podium].
5. ***Albashayreh, A.** (December 2010). Opioidphobia and cancer pain management. Middle East Cancer Consortium, Steering Committee Workshop for Palliative and End-of-Life Care, Antalya-Turkey [Invited, Podium].

National

1. ***Albashayreh, A.**, Gilbertson-White, S., & Street, W.N. (November 2025). Pilot Validation of AI-Derived Features for Prognostic Models in Geriatric Oncology. Gerontological Society of America, Annual Scientific Meeting, Boston, Massachusetts [Peer Reviewed, Poster].
2. *†Joonwoo, P. & **Albashayreh, A.** (November 2025). Context-Aware Symptom Inference in Cancer Care Using LLMs. American Medical Informatics Association, Annual Symposium, Atlanta, Georgia [Peer Reviewed, Poster].
3. *†**Albashayreh, A.**, Munira, HA., Joonwoo, P. & Mudireddy, A. (November 2025). Large language models for extracting and inferring functional performance in cancer care. American Medical Informatics Association, Annual Symposium, Atlanta, Georgia [Peer Reviewed, Podium].
4. *Chae, S., Maitra, P., & **Albashayreh, A.** (November 2025). Automated symptom severity detection in acute myeloid leukemia using large language models. American Medical Informatics Association, Annual Symposium, Atlanta, Georgia [Peer Reviewed, Poster].
5. *†Ji, Y., **Albashayreh, A.**, & Gilbertson-White, S. (November 2025). Disparities in Advance Care Planning: Gaps in Clinical Notes on Comfort vs. Life-Sustaining Treatment Preferences. Gerontological Society of America, Annual Scientific Meeting, Boston, Massachusetts [Peer Reviewed, Poster].
6. *†**Albashayreh, A.**, Zeinali, N., & Gilbertson-White, S. (2025). Disparities in advance directive completion and life-sustaining treatment preferences in older adults. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), Annual Assembly of Hospice and Palliative Care, Denver, Colorado [Peer Reviewed, Poster].
7. *†**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. Gerontological Society of America, Annual Scientific Meeting, Seattle, Washington [Peer Reviewed, Podium].
8. *†**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. American Medical Informatics Association, Annual Symposium, San Francisco, California [Peer Reviewed, Poster].
 9. ***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. American Medical Informatics Association, Annual Symposium, New Orleans, Louisiana [Peer Reviewed, Podium].
 10. *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. American Medical Informatics Association, Informatics Summit, Seattle, Washington [Peer Reviewed, Podium].
 11. ***Albashayreh, A.**, Gilbertson-White, S., & Fan, W. (February 2023). Mining clinical notes to detect screening for spiritual concerns and fears of death. Palliative Care Research Collaborative, Annual Investigator Meeting, Denver, Colorado [Peer Reviewed, Podium].
 12. ***Albashayreh, A.** & Gilbertson-White, S. (February 2022). Identifying surrogate decision-maker and code status discussions in advance care planning notes using natural language processing. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), The State of the Science of Hospice and Palliative Care [Peer Reviewed, Poster, Webinar].
 13. *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. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), The State of the Science of Hospice and Palliative Care [Peer Reviewed, Poster, Webinar].
 14. **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. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), Annual Assembly of Hospice and Palliative Care [Peer Reviewed, Poster, Webinar].
 15. *Wilde, J., **Albashayreh, A.**, & Hagiwara, Y. (February 2021). Benefits of an interdisciplinary palliative care rotation at a tertiary academic medical center. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), Annual Assembly of Hospice and Palliative Care [Peer Reviewed, Poster, Webinar].

16. *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. American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), Annual Assembly of Hospice and Palliative Care [Peer Reviewed, Poster, Webinar].

State/Regional

1. *†Ji, Y., **Albashayreh, A.**, & Gilbertson-White, S. (March 2026). Association of Advance Care Planning with End-of-Life Healthcare Utilization Among Cancer Patients: Insights from Electronic Health Records Data. Midwest Nursing Research Society, 50th Annual Research Conference, St. Louis, Missouri [Peer Reviewed, Poster, PhD Student Competition].
2. **Albashayreh, A.** (March 2025). Addressing Health Disparities with Artificial Intelligence (AI). Emerging Scholars Network (ESN) Panel. Midwest Nursing Research Society, 49th Annual Research Conference, Indianapolis, Indiana [Invited, Podium, Panel].
3. *†Stephenson, C., Zeinali, N., & **Albashayreh, A.** (March 2025). Exploring Language-related disparities in spiritual support documentation: a natural language processing study of clinical records for older adults with chronic conditions. Midwest Nursing Research Society, 49th Annual Research Conference, Indianapolis, Indiana [Peer Reviewed, Poster, BSN Student Competition].
4. *†**Albashayreh, A.**, Ji, Y., & Gilbertson-White, S. (March 2024). Leveraging natural language processing to identify priorities of care in dementia. Midwest Nursing Research Society, 48th Annual Research Conference, Minneapolis, Minnesota [Peer Reviewed, Poster].
5. *†Ji, Y., **Albashayreh, A.**, & Gilbertson-White, S. (March 2024). Natural language processing for identifying surrogate decision-maker conversations in clinical narratives. Midwest Nursing Research Society, 48th Annual Research Conference, Minneapolis, Minnesota [Peer Reviewed, Poster, PhD Student Competition].
6. ***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. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa [Peer Reviewed, Competitive Symposium, Podium].
7. ***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. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa [Peer Reviewed, Competitive Symposium, Podium].

8. *Gilbertson-White, S., **Albashayreh, A.**, Bandyopadhyay, A., & Fan, W. (March 2023). Using big data and natural language processing to explore cancer symptoms. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa [Peer Reviewed, Podium].
9. *Youn, N., **Albashayreh, A.**, Aggarwal, S., & Gilbertson-White, S. (March 2023). Illness perception in cancer patients with multiple chronic conditions. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa [Peer Reviewed, Poster].
10. *Aggarwal, S., **Albashayreh, A.**, Youn, N., & Gilbertson-White, S. (March 2023). 'Symptom' and 'symptom management' described by patients with cancer and multimorbidity. Midwest Nursing Research Society, 47th Annual Research Conference, Des Moines, Iowa [Peer Reviewed, Poster].
11. ***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. Midwest Nursing Research Society, 46th Annual Research Conference, Schaumburg, Illinois [Peer Reviewed, Poster].
12. **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. Midwest Nursing Research Society, 45th Annual Research Conference [Peer Reviewed, Poster, Virtual].
13. *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. Midwest Nursing Research Society (MNRS) 45th Annual Research Conference [Peer Reviewed, Poster, Virtual].
14. ***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. Midwest Nursing Research Society, 44th Annual Research Conference [Peer Reviewed, Poster, Virtual, First Place in PhD Student Poster Competition].
15. *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. Midwest Nursing Research Society (MNRS) 44th Annual Research Conference, Schaumburg, Illinois [Peer Reviewed, Poster, Virtual].
16. ***Albashayreh, A.**, Gilbertson-White, S., & Hagiwara, Y. (March 2019). Factors associated with survival after initiation of palliative care in patients with advanced illness. Midwest Nursing Research Society, 43rd Annual Research Conference, Kansas City-Missouri [Peer Reviewed, Podium].
17. *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. Midwest Nursing Research Society, 43rd Annual Research Conference, Kansas City-Missouri [Peer Reviewed, Poster].

Local

1. *†Adam, H., Abad, P., & **Albashayreh, A.** (July 2025). End of life and AI: Exploring family caregiver perceptions of artificial intelligence in palliative care and end of life decision making. University of Iowa, Summer Undergraduate Research Conference (SURC) [Poster, Csomay Summer Scholars Program].
2. **Albashayreh, A.** (April 2025). Bridging Clinical Questions and Data Science: How Can BioNursing Informatics (BNI) Help? In: Leveraging Electronic Health Record Data for Research: Best Practices from the BioNursing Informatics Core. University of Iowa, Office for Nursing Research and Scholarship (ONRS) - Research Forum [Invited, Podium].
3. **Albashayreh, A.** (September 2024). Natural Language Processing to Evaluate Patient-Centered Outcomes in Older Adults with Chronic Illness. University of Iowa Carver College of Medicine, Biomedical and Health Informatics Community [Invited, Webinar].
4. 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) [Invited, Webinar].
5. **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. The 6th Annual University of Iowa Nursing Recognition Day [Peer Reviewed, Poster, Webinar].

MEDIA COVERAGE

1. Clinician.com (December 2025) by Kusterbeck, S. Inadequate, Missing, or Inaccessible Goals of Care Documentation Is Ethical Concern. [[link](#)]
2. Crossroads...exploring research on religion, spirituality and health (October 2025). Documenting Spiritual Care in the Electronic Health Record (EHR). [[link](#)]

SERVICE

PEER REVIEW ACTIVITIES

Peer Review of Scholarly Products

Grant Applications

Internal

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

External

2022 Sultan Qaboos University, Deanship of Postgraduate Studies and Research.
 Nurses' Knowledge and Attitude in Providing Palliative Care and Attitude
 Towards Death Among Nurses in Oman: A Nationwide Survey. E.L. Rathinasamy
 & O. Al Zaabi.

Journal Manuscript Review (pre-publication)

2025 - Present Journal of Clinical Oncology - Clinical Cancer Informatics (JCO-CCI)
 2025 - Present Journal of Pain and Symptom Management (JPSM)
 2025 - Present Cancer Informatics
 2024 - Present CIN: Computer, Informatics, Nursing
 2024 - Present Journal of Advanced Nursing (JAN)
 2024 - Present Research in Gerontological Nursing
 2022 - Present Palliative Medicine

Conference Abstract Review

2025 - Present American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice
 and Palliative Nurses Association (HPNA), Annual Assembly of Hospice and
 Palliative Care [Reviewer]
 2022 - Present American Medical Informatics Association, Annual Symposium [Reviewer]
 2022 - Present Midwest Nursing Research Society, Annual Research Conference [Reviewer]
 2022 Informatics Summit [Reviewer]

Peer Review of Teaching or Practice Products and Activities

Review of Nominations for Awards, Honors or Scholarships

2025 Council on Faculty - Awards Subcommittee (Individual Awards), [volunteer]

PROFESSIONAL SERVICE ACTIVITIES

Society/Association Membership, Participation, and Leadership

Informatics

2020 - Present American Medical Informatics Association [Member]
 2021 - 2023, Nursing Informatics Working Group [Elected Student Representative]

2021, Workshop on Exploring Mechanisms to Examine Racial Biases Within a Learning Health System Framework, 2021 Annual Symposium, San Diego, California [Planning Committee Member]

2021, Workshop on The Future of Nursing: Charting a Path to Achieve Health Equity, A Nursing Informatics Perspective, 2021 Annual Symposium, San Diego, California [Planning Committee Member]

Gerontology and Palliative Care

2024 - Present Gerontological Society of America [Member]
 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 - 2026, Leadership Succession Committee, Gamma Chapter [Elected Chair]
 2023, Leadership Succession Committee, Gamma Chapter [Elected Member]
 2018 - Present Midwest Nursing Research Society [Member]
 2020 - 2022, Student Leadership Committee, Palliative and End-of-Life Care Research Interest and Implementation Group [Elected Chair]

UNIVERSITY SERVICE

Committees and Task Forces

Other University Activities

2024 - Present Csomay Center for Gerontological Excellence, University of Iowa [Member]
 2023 - Present Biomedical and Health Informatics Community, University of Iowa [Member]
 2023 - Present Informatics Journal Club, University of Iowa [Member]
 2022 - Present Holden Comprehensive Cancer Center, University of Iowa [Associate Member]
 2022 Panelist, Navigating Relationships with Employers and Advisors, University of Iowa, International Student and Scholar Services [Invited]
 2021 - 2022 University of Iowa Strategy Team, Research and Discovery Development Team [Volunteer]
 2020 - Present Data Mining in Iowa Group (DMIG), University of Iowa [Member]

COLLEGIATE SERVICE

Task Forces and Ad Hoc Committees

2025 PhD Comprehensive Exam Task Force [Volunteer]
 2025 PhD Forum Self-study Task Force [Volunteer]

Other CON Activities

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|----------------|--|
| 2025 - Present | Health Information Technology Special Interest Group (HIT-SIG) [Co-Chair, Volunteer] |
| 2024 - Present | BioNursing Informatics (BNI) Core [Consulting Team, Appointed] |
| 2024 - Present | MSN (EIP) Admissions/Progression Subcommittee [Appointed] |
| 2022 - Present | PhD Forum, College of Nursing [Volunteer] |

COMMUNITY SERVICE

Community organization membership, leadership positions, committee, or task force memberships, or other activities

| | |
|------|---|
| 2025 | Speaker, Community Engagement Event, Csomay Community of Scholars [Invited] |
| 2020 | Translator, VitalTalk - COVID Communication Playbook [Volunteer] |

TEACHING

INSTRUCTIONAL ACTIVITIES

University of Iowa

| | |
|-------------|---|
| Spring 2026 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 28 students |
| Fall 2025 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 16 students |
| Spring 2025 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 30 students |
| Fall 2024 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 16 students |
| Spring 2024 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 30 students |
| Fall 2023 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 16 students |
| Spring 2023 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 24 students |
| Fall 2022 | NURS:3151, Introduction to Clinical Concepts, Team Teacher, 16 students |

Sultan Qaboos University, Muscat, Oman

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|-------------------------|---|
| Fall 2014 - Spring 2017 | Nursing Management and Leadership, BSN, Team Teacher, 40 students |
| Spring 2017 | Graduation Project, practicum, BSN, Team Teacher, 2 students |
| Fall 2016 - Spring 2017 | Critical Thinking and Clinical Judgment, BSN, Lead, 40 students |
| Summer 2016 | Nursing Research, BSN, Lead, 40 students |
| Fall 2015 - Spring 2016 | Transition from education to practice, BSN, Team Teacher, 10 students |
| Fall 2015 - Spring 2016 | Physical Assessment, BSN, Team Teacher, 8 students |

Al Hussien Bin Talal University, Maan, Jordan

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|-------------------------|---|
| Spring 2014 | Pediatric Care Nursing, BSN, Lead, 40 students |
| Fall 2013 - Spring 2014 | Nursing Management and Leadership, BSN, Lead, 40 students |
| Fall 2013 | Medical Surgical Nursing, BSN, Team Teacher, 40 students |

Buraydah Colleges, Qassim, Saudi Arabia

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|-------------------------|--|
| Fall 2012 - Spring 2013 | Quality Management in Healthcare, HIS, Lead, 15 students |
| Fall 2012 - Spring 2013 | Health Information Management, HIS, Lead, 15 students |
| Spring 2011 - Fall 2012 | Pediatric Nursing, BSN, Lead, 25 students |
| Spring 2011 - Fall 2012 | Nursing Research, BSN, Lead, 25 students |
| Fall 2011 - Spring 2013 | Adult Health Nursing, BSN, Lead, 25 students |
| Spring 2011 - Fall 2012 | Health Informatics, HIS, Lead, 15 students |

Jordan University of Science and Technology, Irbid, Jordan

| | |
|-------------------------|---|
| Fall 2009 - Spring 2010 | Critical Care Nursing, BSN, 8 students |
| Fall 2008 - Fall 2010 | Senior Training, BSN, 8 students |
| Fall 2008 - Spring 2009 | Medical Surgical Nursing, BSN, 8 students |

Guest Lecture**University of Iowa**

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|--------------------------|---|
| Spring 2025, Spring 2026 | NURS:7006, Theory and Model Development - PhD |
| Spring 2023, Spring 2024 | NURS:7003, Quantitative Research - PhD |
| Fall 2022, Fall 2023 | NURS:3460, Professional Role II: Research - BSN |

New Course Development**University of Iowa**

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|-----------------------|---|
| Spring 2026 - Present | Healthcare Analytics and AI for Better Patient Outcomes |
| Spring 2025 - Present | NURS:xxxx, Informatics Course - RN-BSN |
| Spring 2025 - Present | NURS:xxxx, Advanced Health Informatics - PhD |
| Fall 2024 - Present | NURS:xxxx, Informatics and Emerging Technologies - DNP |

MENTORING AND ADVISEMENT**Mentoring*****Student Mentoring*****Undergraduate Students**

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|-----------------------|---|
| Summer 2025 - Present | Hifaa Adam, BS College of Medicine, Csomay Summer Scholar [Faculty Mentor] |
|-----------------------|---|

Graduate Students

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|-----------------------|---|
| Spring 2025 - Present | Joonwoo Park, PhD Engineering. Participated in my research lab. |
|-----------------------|---|

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|-----------------------|---|
| Spring 2025 - Present | Hafiza Akter Munira, PhD Engineering. Participated in my research lab. |
| Fall 2024 - Present | Yuwen (Skyler) Ji, PhD Nursing. Participated in my research lab. |
| Fall 2023 - Fall 2024 | Nahid Zeinali, PhD Health Informatics. Participated in my research lab. |

Advisement

Student Advisement

Undergraduate Students

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|-------------------------|---|
| Summer 2025 - Present | Ahmed Mohammed, BSN, URES:3992 Undergraduate Research/Creative Projects [Faculty Advisor] |
| Spring 2024 - Fall 2024 | Claire Stephenson, Young Scientist Program [Faculty Advisor] |
| Spring 2023 | Yasmin Herz, BSN, Young Scientist Program [Faculty Advisor] |

Graduate Students

Independent Study

| | |
|-------------|--|
| Spring 2024 | Nanle Gusen, PhD Nursing. NURS: 7803 Research Practicum I. [Faculty Advisor] |
| Fall 2025 | Yuwen (Skyler) Ji, PhD Nursing. NURS: 7803 Research Practicum I. [Faculty Advisor] |

Doctoral Preliminary or Comprehensive Examination Committees

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|-----------------------|---|
| Fall 2023 - Present | Nanle Gusen, PhD Nursing. Comprehensive Exam Committee [Member] |
| Spring 2025 - Present | Yuwen (Skyler) Ji, PhD Nursing. Comprehensive Exam Committee [Member] |

PhD Dissertation Committee

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|-------------------------|--|
| Fall 2023 - Spring 2025 | Nahid Zeinali, PhD Health Informatics. <i>Enhancing Cancer Symptom Detection in Electronic Health Records Using Artificial Intelligence</i> [Member] |
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