

## 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 States
2020-2022	MSc	Health Informatics	University of Iowa, Iowa City, Iowa, United States
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 States.
2022 - 2023	Associate Faculty, University of Iowa, College of Nursing, Iowa City, Iowa, United States.
2017 - 2022	Research Assistant, 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.
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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

- 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.**, 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](#)]
2. \*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](#)]
3. \*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](#)]
4. \***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](#)]
5. \*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](#)]
6. 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](#)]
7. \*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](#)]
8. \*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](#)]
9. \***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](#)]
10. \*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.**, 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](#)]
2. \*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](#)]
3. \*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. [\[link\]](#)

4. \***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. [\[link\]](#)
5. \***Albashayreh, A.** (2010). Opioidphobia and cancer pain management. *Journal of Pediatric Hematology Oncology*: 33, 60-61. [\[link\]](#)

#### *Manuscripts-in-progress*

1. \***Albashayreh, A.**, Bandyopadhyay, A., Zhang, M., Zeinali, N., Fan, W., & Gilbertson-White, S. Natural language processing to extract cancer symptoms from clinical notes. Submission in process, *Journal of Pain & Symptom Management*.
2. \***Albashayreh, A.**, Bandyopadhyay, A., Zeinali, N., Fan, W., & Gilbertson-White, S. Natural language processing accurately differentiates cancer symptom information in EHR narratives. Under review in *Journal of Clinical Oncology: Clinical Cancer Informatics*.
3. \*Zeinali, N., **Albashayreh, A.**, Fan, W., & Gilbertson-White, S. Enhancing cancer symptom prediction: developing Symptom-BERT model and externally validating synthetic clinical notes generated by ChatGPT-4 from electronic health records. Under review in *Journal of American Medical Informatics Association*.
4. \***Albashayreh, A.**, Herr, K., Fan, W., Street, N., & Gilbertson-White, S. Identifying advance care planning conversations in EHR narratives using natural language processing. Completed final review by coauthors, will be submitted to the journal *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. \*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.

2. \***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.
3. \***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].
4. \*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].
5. **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].
6. \*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].
7. \*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].
8. \***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.
9. \***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.**, 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 [Competitive symposium]. Midwest Nursing Research Society, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.
2. \***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 [Competitive symposium]. Midwest Nursing Research Society, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.
3. \*Gilbertson-White, S., **Albashayreh, A.**, Bandyopadhyay, A., & Fan, W. (March 2023). Using big data and natural language processing to explore cancer symptoms [Oral presentation]. Midwest Nursing Research Society, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.
4. \*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, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.
5. \*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, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.

- presentation]. Midwest Nursing Research Society, 47<sup>th</sup> Annual Research Conference, Des Moines, Iowa.
6. \***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, 46<sup>th</sup> Annual Research Conference, Schaumburg, Illinois.
  7. **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, 45<sup>th</sup> Annual Research Conference [Virtual].
  8. \*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) 45<sup>th</sup> Annual Research Conference [Virtual].
  9. \***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, 44<sup>th</sup> Annual Research Conference [Virtual].
  10. \*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) 44<sup>th</sup> Annual Research Conference [Virtual], Schaumburg, Illinois.
  11. \***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, 43<sup>rd</sup> Annual Research Conference, Kansas City-Missouri.
  12. \*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, 43<sup>rd</sup> Annual Research Conference, Kansas City-Missouri.

### *Local*

1. 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).
2. **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 6<sup>th</sup> Annual University of Iowa Nursing Recognition Day [Virtual].

## **SERVICE**

### **Editorial and Peer Review Service**

2022 - Present Palliative Medicine.

2016 - 2018 International Journal of Reliable and Quality E-Healthcare (IJRQEH).

### **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, Reviewer, 2023 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.  
2018 - Present Midwest Nursing Research Society, Member.  
2022, Reviewer, 47<sup>th</sup> 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**

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 NURS:3151, Introduction to Clinical Concepts for Nursing, Team Teacher.  
NURS:7003 Quantitative Research, Guest Lecturer.
- Fall 2022 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**

### *Student Advisement*

Spring 2023

### **University of Iowa**, Iowa City, United States

Yasmin Herz, BSN Student, URES:3993 Undergraduate Research/Creative Projects.

Nolan Hoving, BSN Student, URES:3993 Undergraduate Research/Creative Projects.