## Anna E. Krupp, PhD, MSHP, RN

Assistant Professor

University of Iowa College of Nursing 50 Newton Road, 480 CNB Iowa City, IA 52242 Tel: (319) 467-1902 Fax: (319) 335-7033 Email: anna-krupp@uiowa.edu

Updated 12-4-23

#### EDUCATION

2013-2017	PhD, Nursing, University of Wisconsin-Madison, Madison, WI Dissertation: <i>Understanding ICU Nurse Decision-Making</i> <i>About Patient Early Mobility</i> Minor: Distributed minor in human factors
2017-2019	MSHP, Master of Science in Health Policy, University of Pennsylvania,
	Philadelphia, PA.
2017-2019	Post-doctoral fellowship. Center for Health Outcomes and Policy Research (Aiken,
	T32NR007104), University of Pennsylvania School of Nursing, Philadelphia, PA.
2017-2019	Post-doctoral fellowship. National Clinician Scholars Program, University of
	Pennsylvania, Philadelphia, PA.
2004-2006	MS, Clinical Nurse Specialist, University of Wisconsin-Madison, Madison WI.
1998-2002	BSN, Nursing, University of Wisconsin-Eau Claire, Eau Claire, WI

## PROFESSIONAL LICENSURE AND CERTIFICATIONS

#### Licenses

2019-	lowa Board of Nursing, #155397, Registered Nurse
2017-2019	Pennsylvania Board of Nursing, Registered Nurse, expired
2003-2020	Wisconsin Board of Nursing, Registered Nurse, expired

## Certifications

2007-	Certified clinical nurse specialist in critical care (CCNS)
2006-	Certified registered nurse in critical care (CCRN-K)

# **PROFESSIONAL EXPERIENCE**

#### Academic Appointments

2019- Assistant Professor. University of Iowa College of Nursing, Iowa City, IA.

## **Clinical and Research Appointments**

- 2013-2017 Research Assistant, School of Nursing, University of Wisconsin-Madison.
- 2015-2016 Pre-doctoral Trainee. Geriatric Research Education and Clinical Center (GRECC), William S. Middleton VA Hospital, Madison, WI.
- 2006-2017 Clinical Nurse Specialist, Trauma & Life Support Center, UW Health University Hospital, Madison, WI.
- 2003-2006 Nurse Clinician, Trauma & Life Support Center, UW Health University Hospital, Madison, WI.
- 2003-2006 Registered Nurse, per-diem, intensive care unit and emergency, Stoughton Hospital, Stoughton, WI.

## HONORS AND AWARDS

- 2023 Teaching Excellence Award, Tenure Track. University of Iowa College of Nursing Internal Teaching Awards.
- 2022 Research and Clinical Partnership Award 2021-2022. Co-awardee: Heather Dunn, PhD, ACNP-BC, ARNP, University of Iowa College of Nursing
- 2021 Old Gold Summer Fellowship, University of Iowa Office of the Provost
- 2021 New Investigator Award, Acute and Critical Care Across the Lifespan Research &
- Implementation Interest Group (RIIG), Midwest Nursing Research Society
- 2019 Abstract Scholarship, Nursing Assembly, American Thoracic Society
- 2018 Abstract Scholarship, Nursing Assembly, American Thoracic Society
- 2016 Eckburg Dissertation Research Award, University of Wisconsin-Madison School of Nursing
- 2002 Undergraduate Nursing Honors, University of Wisconsin-Eau Claire

## SCHOLARSHIP

#### **Research Interests**

- Improving long-term functional outcomes among ICU survivors
- Nurse decision-making
- Clinical informatics
- Implementation science

#### **Publications**

Key: \* = data-based; bold = my authorship; underlined = mentored student as author; ~ = senior author

## **Peer Reviewed Papers**

- 1. \*<u>Brockman, A.,</u> **Krupp, A.**, Bach, C., Mu, J., Vasilevskis, E.E., Tan, A., Mion, L., Balas, M.C. (2023). Clinicians' perceptions on implementation strategies used to facilitate ABCDEF bundle adoption: A multicenter survey. *Heart & Lung, 62*, 108-115. doi: 10.1016/j.hrtlng.2023.06.006
- \*<u>Potter, K.M.,</u> Dunn, H., Krupp, A., Mueller, M., Newman, S., Girard, T.D., Miller, S. (2023). Identifying coMorbid subtypes of patients with acute respiratory failure. *American Journal of Critical Care, 32*(4), 294-301. doi: 10.4037/ajcc2023980.
- 3. Liebzeit, D., **Krupp, A.,** Bunch, J., Tonelli, S., Griffin, E., McVeigh, S., Chi, N., Jaboob, S., Nakad, L., Buck, H. (2023). Rural age-friendly ecosystems for older adults: an international scoping review with recommendations to support age-friendly communities. *Health Science Reports*, *5*(6), e1241. DOI: 10.1002/hsr2.1241
- 4. **\*Krupp, A.,** Steege, L., Lee, J., Dunn Lopez, K., King, B. (2022). Supporting decision-making about patient mobility in the intensive care unit nurse work environment: work domain analysis. *JMIR Nursing.* URL: https://nursing.jmir.org/2022/0/e0/ doi: 10.2196/41051
- 5. ~Dunn, H., Balas, M.C., Hetland, B., **Krupp, A.** (2022). Post-intensive care syndrome: A review for the outpatient primary care nurse practitioner. *The Nurse Practitioner, 47*(11), 15-22. doi: 10.1097/01.NPR.0000884864.28090.c9
- 6. **\*Krupp, A.,** Lasater, K., McHugh, M.D. (2021). Association between intensive care unit utilization and hospital nurse work environment. *AACN Advanced Critical Care, 32*(4), 381-390.
- 7. **\*Krupp, A.,** DiMartino, M., Chung, W., Chaiyachati, K., Agarwal, A.K., Huffenberger, A.M., Laudanski, K. (2021). Communication and role clarity inform TeleICU use: a qualitative analysis

of opportunities and barriers in an established program using AACN framework. *BMC Health Services Research*, 21(1), 277. doi: 10.1186/s12913-021-06287-6

- 8. ~Mark, A., Crumley, J., Rudolph, K., Doerschug, K., **Krupp, A.** (2020). Maintaining mobilization in a patient who is pregnant and has COVID-19 requiring ECMO: a case report. *Physical Therapy*, *101*(1). doi.org/10.1093/ptj/pzaa189
- 9. **\*Krupp, A.,** Ehelnbach, W., King, B. (2019). Factors nurses in the intensive care unit consider when making decisions about patient mobility. *American Journal of Critical Care, 28*(4), 281-289.
- 10. \*Heim, M., Draheim, R., **Krupp, A.,** Breihan, P., O'Rourke, A., Wells, J., Fish, J. (2019). Evaluation of a multidisciplinary pain, agitation, and delirium guideline in mechanically ventilated critically ill adults. *Hospital Pharmacy, 54*(2), 119-124. doi: 10.1177/0018578718769570
- 11. **Krupp, A.,** Steege, L., King, B. (2018). A systematic review evaluating the role of nurses and processes for delivering early mobility interventions in the intensive care unit. *Intensive and Critical Care Nursing, 47*, 30-38.
- 12. \*King, B.J., Pecanac K., **Krupp, A.,** Liebzeit, D., Mahoney, JE. (2018). Impact of fall prevention on nurses and care for fall risk patients. *Gerontologist, 58*(2), 331-340. doi.org/10.1093/geront/gnw156
- 13. Mørk A., **Krupp A.**, Hankwitz J., Malec A. (2017). Using Kotter's change framework to implement and sustain multiple complementary ICU initiatives. *J Nursing Care Quality*, *33*(1), 38-45. doi.org/10.1097/NCQ.0000000000263
- 14. \*Braus, N., Campbell, T.C., Kwekkeboom, K.L., Ferguson, S., Harvey, C., **Krupp, A.**, Lohmeier, T., Repplinger, M.D., Westergaard, R.P., Jacobs, E.A. Roberts, K.F., Ehlenbach, W.J. (2016). Prospective study of a proactive palliative care rounding intervention in a medical ICU. *Intensive Care Medicine*, *42*(1), 54-62. doi.org/10.1007/s00134-015-4098-1
- 15. **Krupp, A.,** & Balas, M. C. (2016). Application of clinical practice guidelines for pain, agitation, and delirium. *Critical Care Nursing Clinics of North America*, *28*(2), 241-252. PMID: 27215361.
- 16. Jacobson, N., **Krupp, A.**, Bowers, BJ. (2016). Planning for ancillary care provision: Lessons from the developing world. *Journal of Empirical Research on Human Research Ethics*, *11*(2), 129-34. PMID: 26994734
- 17. \*Bowers, B.J., Jacobson, N., **Krupp, A.** (2016). Can lay community advisors improve the clarity of research participant recruitment materials and increase the likelihood of participation? *Research in Nursing and Health.* DOI: 10.1002/nur.21752.
- 18. **Krupp, A.,** Monfre, J. (2015). Pressure ulcers in the ICU patient: An update on prevention and treatment. *Current Infectious Disease Reports, 17*(3). PMID: 25821191.
- 19. O'Horo, J.C., Maki, D.., **Krupp, A.,** Safdar, N. (2014). Arterial catheters as a source of bloodstream infection: a systematic review and meta-analysis. *Critical Care Medicine, 42*(6), 1334-1339. PMID: 24413576.
- 20. Abad, C.L., Pulia, M.S., **Krupp, A.**, & Safdar, N. (2014). Reducing transmission of methicillinresistant staphylococcus aureus and vancomycin-resistant enterococcus in the ICU—an update on prevention and infection control practices. *Journal of Clinical Outcomes Management*, *21*(5), 218-232.
- 21. **Krupp, A.,** Anderson, B., (2014). Standardized use of safe patient handling equipment in the ICU: A unit-based quality improvement project. *Journal of Safe Patient Handling and Movement, 4*, 122-128.

#### Peer Reviewed Papers, Under Review

- 22. **\*Krupp, A.,** Tan, A., Vasilevskis, E., Mion, L.C., Pun, B.T., Brockman, A., Hetland, B., Ely, E.W., Balas, M.C. (Under review). Patient, practice, and organizational factors associated with early mobility performance in critically ill adults: a secondary analysis of a multicenter, nationwide cohort study. *American Journal of Critical Care*.
- 23. Dunn, H., da Costa Ferreira Oberfrank, N., ~**Krupp, A.** (Under review). Pre-implementation of critical care early mobility clinical decision support: A content validation study. *CIN: Computers, Informatics, Nursing*

## Editorials, Invited

1. **Krupp, A.,** Balas, M.C. (2023). Prone positioning in the context of COVID:19: opportunities for implementation science. *Chest Critical Care, 1*(3), 1-3.

## Other, Editor-Reviewed Papers

- 1. **Krupp, A.,** Dunn Lopez, K. (2023). Leveraging implementation science with decision support technology to drive meaningful change for nurses and nursing leadership. *Nurse Leader, 21*(6), 636-640.
- 2. Lor M., Bowers B., **Krupp A.**, Jacobson N. (2017). Tailored explanation: A strategy to minimize nonresponse in demographic items among low-income racial and ethnic minorities. *Survey Practice*, *10*(3).

# **Research Grants**

## Intramural (funded)

- 2021-2022. Mobility, Symptom Experience, and Post-Hospitalization Outcomes Among Sepsis Survivors. (A. Krupp, co-PI). Funded by University of Iowa College of Nursing Jo Ellen Ross Research Fund. \$10,000.
- 2020-2021. Investment in Strategic Priorities Bridge Funding. Funded by the University of Iowa Office of the Executive Vice President and Provost. \$10,000.
- 2020-2021. A Data-Driven Approach to Classify Safety Criteria for Mobility Readiness. (A. Krupp, PI). Funded by University of Iowa College of Nursing Jo Ellen Ross Research Fund. \$10,000.

## Extramural (funded)

April 2023-March 2028. Behavioral Economic and Staffing Strategies to Increase Adoption of the ABCEDF Bundle in the ICU (BEST-ICU). National Heart, Lung, and Blood Institute (NHLBI) and National Institute of Nursing Research (NINR) under grant number. UG3HL16740. Role: Site PI.

July 2020-June 2022. Functional Decline and Symptom Experience Among Patients with Sepsis. (A. Krupp, PI). National Institute of Nursing Research (NINR) under grant number P20NR018081. Role: Pilot investigator. \$80,000.

# **Training Grants**

## Extramural (funded)

2017-2019. Advanced Training in Nursing Outcomes Research. (L. Aiken, PI). National Institute of Nursing Research (NINR) under grant number T32NR007104. Role: Postdoctoral Trainee.

# Research and Clinical Presentations International

1. \*Strayer, A., Bjornson, S., Werner, N., Krupp, A. (2024, January). Barriers and facilitators to the patient work of getting to spine surgery. 2024 International Neuroscience Nursing Research Symposium. [Poster Presentation].

- 2. \*Potter, K., Dunn, H., **Krupp, A.,** Mueller, M., Newman, S., Girard, T.D., Miller, S. (2022, May). *Discharge destination among latent subgroups of acute respiratory failure survivors.* American Thoracic Society International Conference. San Francisco, CA. [conference podium]
- 3. \*Dunn, H., **Krupp, A.,** Steffen, A., Kapella, M.C. (2022, May). *Prediction of weaning from* prolonged mechanical ventilation at a long-term acute care hospital: A comparison of machine learning algorithms. American Thoracic Society Virtual International Conference. [poster]
- 4. \* **Krupp, A.**, Lasater, K., McHugh, M. (2019, May). *Effect of nursing organizational factors on ICU utilization among medical and surgical patients*. American Thoracic Society International Conference. Dallas, TX. [poster]
- 5. **Krupp, A**., Ehlenbach, W, King, B. (2018, May). Using cognitive work analysis to understand ICU nurse decision-making about patient mobility. American Thoracic Society International Conference. San Diego, CA. [poster]
- 6. **Krupp, A.**, King, B, Steege, L, Royer, H. (2017, March). *Application of cognitive work analysis to promote mobility as an ICU quality improvement project.* Human Factors and Ergonomics in Health Care. New Orleans, LA. [poster]
- \*Steege, L., King, B., Pinekenstein, B., Krupp, A., Pecanac, K., Wang, H., Kuo, F., Koju, K. (2015, April). Design, implementation, and evaluation of a system-based intervention: Steps Towards Reducing Hospital Induced Disability in Elderly – STRIDE. HFES. 2015 International Symposium on Human Factors and Ergonomics in Health Care: Improving the Outcomes. Baltimore, MD. [poster]
- 8. **Krupp, A**., Fish, J., Breihan, P., Wells, J. O'Rourke, A., Heim, M. (2014). *Multidisciplinary approach to implement and sustain a pain, agitation, and delirium guideline*. Critical Care Congress of the Society of Critical Care Medicine. San Francisco, CA. [poster]

## National

- 1. **Krupp, A.,** Dunn, H., Kia, N., Dunn Lopez, K. (2023, November). *User-centered design workshop to develop clinical decision support tools for patient mobility in the ICU.* AMIA Annual Symposium. New Orleans, LA. [poster].
- 2. Resinger, H., Goedken, C., **Krupp, A.,** Greiner, J. (2022, April). *Implementation science: EBP application.* National Evidence-Based Practice Conference. Virtual. [presented, invited]
- 3. **\*Krupp, A**., Dunn, H., Potter, K. (2021, November). *Comparing an electronic mobility safety screen prototype and nurse readiness mobility assessment to activity levels in ICU patients requiring mechanical ventilation.* Johns Hopkins Critical Care Rehabilitation Virtual Conference. [poster]
- 4. \*Potter, K., Dunn, H., Mueller, M., **Krupp, A.**, Newman, S., & Miller, S. (2021, November). *The IMPAiR (Identifying coMorbid subgroups of Patients with Acute Respiratory failure) Study: Risk stratification of physical disability post-intensive care.* Johns Hopkins Critical Care Rehabilitation Virtual Conference. [poster]
- 5. **Krupp, A.,** Greiner, J. (2021). *Mapping guidelines to EHR data: Developing decision support about safety for ICU patient mobility.* National Evidence-Based Practice Conference. Virtual. [presented]
- 6. **Krupp, A**., Greiner, J., Dunn Lopez, K. (2020, November). *Mapping guideline recommendations to electronic health records: A first step in developing clinical decision support about ICU patient mobility*. AMIA Annual Symposium. Chicago, IL. Virtual. [poster]
- 7. **Krupp, A.** (2020, September). *Research in progress: Predicting functional decline and developing clinical decision support.* Sarah Collins Rosetti Research Lab. Columbia University School of Nursing, New York, NY. [presented, invited]

- 8. **\*Krupp, A**., Lasater, K., McHugh, M. (2019). *Hospital nursing linked to reductions in intensive care utilization following major surgery*. Academy Health Research Meeting. Washington D.C. [poster]
- 9. **\*Krupp, A**. (2018). *ICU utilization and nursing characteristics.* National Clinician Scholars Program Annual Meeting. Los Angeles, CA. [presented]
- 10. **Krupp, A**., Anderson, B. (2015, April). *Improving use of safe patient handling equipment in the ICU.* 21st National Evidence-Based Practice Conference, Coralville, IA. [presented]
- \*Krupp, A., Steege, L, King, B, Pinekenstein, B, Pecanac, K, Wang, H, Kuo, F, Dryska, J, Koju, K, Tourbier, E. (2015, July). *Design, implementation, and evaluation of a system-based intervention: Steps Towards Reducing Hospital-Induced Disability in Elderly – STRIDE.* Systems Engineering Initiative for Patient Safety (SEIPS) Short Course, Madison, WI. [poster]
- 12. **Krupp, A**., Maruna, C., Poirier, N., Ehlenbach, W. J. (2014). *Improving interdisciplinary collaboration to increase activity in a medical-surgical ICU*. Johns Hopkins Critical Care Rehabilitation Conference. Baltimore, MD. [poster]
- Krupp, A., King, B., Gretebeck, K. (2014). Factors associated with early ambulation in the ICU: A systematic review of the literature. Johns Hopkins Critical Care Rehabilitation Conference. Baltimore, MD. [poster]
- 14. **Krupp, A**., VanDenBergh, S. (2013). *To the bedside: CNS collaboration to support and sustain bedside handoff report.* National Association of Clinical Nurse Specialists. San Antonio, TX. [poster]
- 15. **Krupp, A**. (2010). *Blogging: the next generation journal club.* American Association of Critical Care Nurses National Teaching Institute. Washington, DC. [presented]
- 16. **Krupp, A**. (2008). *Pressure ulcer prevention in the ICU: CNS impact on changing unit culture.* National Association of Clinical Nurse Specialists Conference. St. Louis, MO. [presented]
- 17. **Krupp, A**., Boyer, C., Jacobs, L., Mørk, A. (2007). *Increasing CCRN certification to provide a beacon for our future*. American Association of Critical Care Nurses National Teaching Institute. Atlanta, GA. [poster]

## State/Regional

- 1. **Krupp, A.** (2023, November). BEST-ICU Pragmatic Trial: Work in Progress. ICTS Implementation Science Journal Club. Iowa City, IA. [presented]
- Krupp, A. (2023, September). Mapping Guidelines to EHR Data: Pilot Study Update. University of lowa Hospitals & Clinics Nursing Research and Evidence-Based Practice Council. Iowa City, IA. [presented].
- 3. Bae, J., Kia., N., **Krupp, A.** (2023, March). Symptom experience among patients with sepsis: feasibility and lessons learned. MNRS Research Conference. Des Moines, IA. [poster]
- 4. <u>Volk, M.</u>, **Krupp, A.** (2021). *Developing an EHR-based phenotype for ICU patients at risk for functional decline.* MRNS Research Conference. Virtual. [poster]
- 5. **Krupp, A.,** Dunn, H., Potter, K., Dunn Lopez, K. (2021). *Electronic health record-based phenotype for ICU mobility: developing an algorithm for classifying patient safety criteria.* MNRS Research Conference. Virtual. [poster]
- Krupp, A. (2020, March). A Data-driven approach to classify safety criteria for ICU patient mobility readiness. Nursing Research & Evidence-Based Practice Grand Rounds. University of Iowa Hospital and Clinics, Iowa City, IA. [presenter, invited, cancelled due to COVID 19].
- 7. **Krupp, A.** (2017, November). *RN decision making and ICU Mobility.* Nursing Grand Rounds. William S. Middleton VA Hospital, Madison, WI. [presented, invited]

- 8. **Krupp, A.** (2016, May). Awake, alert, and intubated, now what? Opportunities for early mobility and patient communication in the ICU. Updates in Allergy, Pulmonary and Critical Care, Madison, WI. [presented, invited]
- 9. **Krupp, A.** (2015, May). *Knowing your ABCDE bundle alphabet: Improving care for mechanically ventilated patients.* Updates in Allergy, Pulmonary and Critical Care, Madison, WI. [presented, invited]

#### SERVICE

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

#### Manuscript reviews

- 2023- BMC Health Services Research
- 2023- CHEST Critical Care
- 2023- JMIR Medical Informatics
- 2022- Research in Nursing and Health
- 2022- BMJ Open Quality
- 2021- Global Qualitative Nursing
- 2020- Annals of the American Thoracic Society
- 2020 Intensive and Critical Care Nursing
- 2017- American Journal of Critical Care
- 2017- Critical Care Nurse

#### **Conference abstract reviews**

- 2023 Critical Care Congress, Society of Critical Care Medicine
- 2023 AMIA Clinical Informatics Conference
- 2022 AACN National Teaching Institute, Evidence-based Poster Abstracts
- 2020 Critical Care Congress, Society of Critical Care Medicine

#### Peer review of teaching or practice products and activities

- 2019 AACN Audio Recording Pilot Group
- 2019 AACN Recorded Sessions Review Panel

#### Review of nominations for awards, honors or scholarships

2019-2021 AACN NTI Scholarship Review Panel

## **Professional Service**

#### Society/Association membership, participation, and leadership

2003- American Association of Critical Care Nurses (AACN), National Service

- 2014-2015 National Teaching Institute (NTI) Program Planning Committee
- 2010-2012 Continuing Education Panel Review Member

2009-2010 Advanced Practice Institute (API) Program Planning Committee

American Association of Critical Care Nurses (AACN), Local Leadership

- 2012-2013 South Central Wisconsin Chapter of AACN, Treasurer
- 2008-2009 South Central Wisconsin Chapter of AACN, President
- 2006-2008 South Central Wisconsin Chapter of AACN, Education Committee
- 2005-2006 South Central Wisconsin Chapter of AACN, Board Member

#### 2017- American Thoracic Society

- 2022-2023 Planning Committee Apprenticeship, Nursing Assembly
- 2020-2021 Nominating Committee, Nursing Assembly
- 2020- Midwest Nursing Research Society (MNRS)
  - 2023-2024Health Systems, Policy, and Informatics RIIG Chair-elect2022-2023Acute & Critical Care Across the Lifespan RIIG Past-chair

	2021-2022	Acute & Critical Care Across the Lifespan RIIG Chair
	2020-2021	Acute & Critical Care Across the Lifespan RIIG Chair-elect
000	Consists of Cr	itiaal Care Madiaina (CCCM)

- 2020- Society of Critical Care Medicine (SCCM)
- 2020- American Medical Informatics Association (AMIA)

#### Advisory Panels

2022- Society of Critical Care Medicine, PADIS Guideline Panel.

#### Consultation

2012-2013 Critical Care Advisory Board, Hollister Inc.

## **Collegiate Service**

#### Standing Committees, University of Iowa College of Nursing

2023-present Co-chair, Young Scientist Program
2023-present Member, Research Advisory Group
2021-present Member, Scholarship Committee
2020-present Member, University of Iowa Nursing Collaborative (UINC) Research Collaborative Leadership Group (CLG)
2020-present Member, Bio Nursing Informatics (BNI) Consulting Group
2020-2023 Member, BSN Admission Committee

#### Standing Committees, University of Iowa Hospitals and Clinics

2023-present Member, Evidence-Based Practice Conference Planning Committee 2022-present Member, Nursing Research and Evidence-Based Practice Committee

## TEACHING

#### **Instructional Activities**

#### **Course Instruction**

Fall 2023	NURS: 5017 Quality and Safety. Primary Teacher, 41 students.
	NURS: 6828 Doctor of Nursing Practice Project III. Grader, 9 students.
Spring 2023	NURS: 5017 Quality and Safety. Primary Teacher, 44 students.
Fall 2022	NURS: 5017 Quality and Safety. Primary Teacher, 31 students.
	NURS: 6828 Doctor of Nursing Practice Project III. Grader, 9 students.
Spring 2022	NURS: 5017 Quality and Safety. Primary Teacher, 21 students.
Fall 2021	NURS: 5017 Quality and Safety. Primary Teacher, 22 students.
Spring 2021	NURS: 5017 Quality and Safety. Primary Teacher, 24 students.
Fall 2020	NURS: 5017 Quality and Safety. Primary Teacher, 32 students.
Spring 2020	NURS: 5017 Quality and Safety. Team Teacher.
Fall 2019	NURS:6802 Nursing and Health Policy, Law, and Advocacy. Team Teacher.

#### **Guest Lectures**

Spring 2022 NURS: 7006 Theory and Model Development. Models, Frameworks, and Theories in Informatics Research Panel.

# Mentoring and Advisement

Doctoral Students/Candidates								
Student	Program	Dates	Degree Received	Research Project	Institution	Role		
Jaewon Bae	PhD (graduate research assistant)	9/2020-		Functional Decline and Symptom Experience Among Patients with Sepsis	University of Iowa	Research mentor during graduate research assistantship; Dissertation committee member		
Kelly Potter	PhD	1/2020- 5/2021	PhD	Disability Risk Stratification in Survivors of Acute Respiratory Failure: Latent Class Analysis	Medical University of South Carolina	Data acquisition mentor		
Undergraduate Honors								
Student	Program	Dates	Degree Received	Research Project	Institution	Role		
Madeline Volk	College of Nursing	1/2020- 12/2020	BSN, 2020	Mapping Frailty Measures to EHR Data 3 <sup>rd</sup> place winner in MNRS Student Poster Competition	University of Iowa	Honors advisor		
	1	U	ndergradua	te Research	L.	•		
Student	Program	Dates	Degree Received	Research Project	Institution	Role		
Lily Worline	Research assistant	1/2023-		Mobility, Symptom Experience, and Post- Hospitalization Outcomes Among Sepsis Survivors	University of Iowa	Mentor		
Lexi Pingel	Research assistant	10/2023-		Mobility, Symptom Experience, and Post- Hospitalization Outcomes	University of Iowa	Mentor		

				Among Sepsis Survivors		
Hope Worline	Research assistant	9/2021- 12/2022	BSN	Mobility, Symptom Experience, and Post- Hospitalization Outcomes Among Sepsis Survivors	University of lowa	Mentor
Nguyen Nguyen	Research assistant	1/2020- 12/2020	BSN	A Data-Driven Approach to Classify Safety Criteria for Mobility Readiness	University of Iowa	Mentor