

**Anna E. Krupp, PhD, MSHP, RN**  
Assistant Professor

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Updated 12-20-24

**EDUCATION**

- 2013-2017 PhD, Nursing, University of Wisconsin-Madison, Madison, WI  
Dissertation: *Understanding ICU Nurse Decision-Making About Patient Early Mobility*  
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- Iowa 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)

**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. **\*Krupp, A.**, Potter, K., Wendt, L., Dunn Lopez, K., Dunn, H. (2024). Using electronic health records to classify risk for adverse safety events with ICU patient mobility: a cross-sectional study. *Intensive and Critical Care Nursing*.
2. **\*Krupp, A.**, Tan, A., Vasilevskis, E., Mion, L.C., Pun, B.T., Brockman, A., Hetland, B., Ely, E.W., Balas, M.C. (2024). 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*, 33(5), 324-333. doi: 10.4037/ajcc2024939
3. Dunn, H., da Costa Ferreira Oberfrank, N., **~Krupp, A.** (2024). Pre-implementation of critical care early mobility clinical decision support: A content validation study. *CIN: Computers, Informatics, Nursing*, 42(2), 463-469. doi: 10.1097/CIN.0000000000001121.
4. \*Brockman, A., **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
5. \*Potter, K.M., Dunn, H., **Krupp, A.**, Mueller, M., Newman, S., Girard, T.D., Miller, S. (2023). Identifying coMorbidity subtypes of patients with acute respiratory failure. *American Journal of Critical Care*, 32(4), 294-301. doi: 10.4037/ajcc2023980.
6. Liebszeit, D., **Krupp, A.**, Bunch, J., Tonelli, S., Griffin, E., McVeigh, S., Chi, N., Jaboo, 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

7. \***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/2022/1/e41051/> doi: 10.2196/41051
8. ~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
9. \***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.
10. \***Krupp, A.**, DiMartino, M., Chung, W., Chaiyachati, K., Agarwal, A.K., Hufferberger, 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
11. ~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
12. \***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.
13. \*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
14. **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.
15. \*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
16. 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.0000000000000263
17. \*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
18. **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.
19. Jacobson, N., **Krupp, A.**, Bowers, B.J. (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
20. \*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.
21. **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.

22. 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.
23. Abad, C.L., Pulia, M.S., **Krupp, A.**, & Safdar, N. (2014). Reducing transmission of methicillin-resistant 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.
24. **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, In Press**

1. Lewis, K., Balas, M.C., Stollings, J.L., McNett, M., Girard, T.D., Chanques, G., Kho, M.E., Pandharipande, P.P., Weinhouse, G.L., Brummel, N.E., Chlan, L.L., Cordoza, M., Duby, J.J., Gélinas, C., Hall-Melnichuk, E.L., **Krupp, A.**, Louzon, P.R., Tate, J.A., Young, B., Jennings, R., Hines, A., Ross, C., Carayannopoulos, K.L., Aldrich, J.M. (in press). A focused update to the clinical practice guideline for the prevention and management of pain, anxiety/sedation, delirium, immobility, and sleep disruption (PADIS) in adult patients in the ICU. *Critical Care Medicine*.

#### **Peer Reviewed Papers, Under Review**

1. **Krupp, A.**, Wang, Y., Wang, C., Mohr, N.M., Frey-Law, L., Rakel, B. (under review). Predicting post-ICU functional impairment during early ICU admission using real-world electronic health record data. *Clinical Nursing Research*.
2. \*Strayer, A., Bjornson, S., Werner, N., ~**Krupp, A.** (under review). Factors that influence older adults' work on the path to spine surgery: a qualitative analysis of healthcare quality improvement activities. *Health Science Reports*.
3. \*Strayer, A., Bjornson, S., Werner, N., ~**Krupp, A.** (under review). Factors influencing patient work to recover after spine surgery: a patient-centered systems approach. *Journal of Neuroscience Nursing*.
4. Carayannopoulos, K.L., Chaudhuri, D., McNett, M., Balas, M.C., Kho, M.E., Stollings, J., Young, B., **Krupp, A.**, Kim, A.J., Chowdhury, S.R., Chen, J.Z., Harris, P., Kim, S., Manalo, J., Kocaqi, E., Dearness, K., Aldrich, J.M., Lewis, K. (under review). Effect of enhanced vs usual mobilization activities in critically ill adults: a systematic review and meta-analysis of randomized controlled trials. *Critical Care Medicine*.

#### **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.

- 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)***

- September 2024-August 2026. ARPA-H. Creating AI-Enabled All-Health Team Data. (Boyd, Dunn Lopez, Craven, MPIs). U.S. Department of Interior, Interior Business Center (DOI/IBC) under grant number D24AC00413-00. Role: Co-investigator (25% effort). \$10,000,000
- July 2024-June 2026. Integrating Clinical Informatics and Implementation Science to Advance Evidence-Based ICU Care Delivery. (A. Krupp, PI). NIH Loan Repayment Program, National Heart, Lung, and Blood Institute (NHLBI) under grant number L 70 HL175865. Role: Awardee. \$22,000.
- April 2024-March 2029. Improving Identification and Coordination of Mobility Interventions in the ICU Using Clinical Decision Support. Agency for Health Care Research and Quality (AHRQ) under grant number 1 R21 HS029959-01. Role: MPI (10-15% effort). \$1,024,999
- January 2024-September 2025. VA Office of Rural Health and QUERI Partnered Evaluation Center: Implementation, Sustainment, and Spread of Effective Programs to Improve the Health and Well-Being of Rural Veterans. (Reisinger, PI). VA Office of Research and Development, Health Services R&D under grant number D24AC00413-00. Role: Co-investigator (15-20% effort). \$99,100.
- April 2023-March 2028. Behavioral Economic and Staffing Strategies to Increase Adoption of the ABCEDF Bundle in the ICU (BEST-ICU). (Balas, Vasilevskis, MPIs). National Heart, Lung, and Blood Institute (NHLBI) and National Institute of Nursing Research (NINR) under grant number 1 UH3 HL16740-01A1. Role: Site PI (10-20% effort). \$6,594,013.00
- 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 P 20 NR018081. 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***

- Krupp, A., Dunn, H., Potter, K., Wendt, L., Dunn Lopez, K. (2024, May). Guideline-driven early mobility decisions: A retrospective EHR-based analysis. American Thoracic Society International Conference. San Diego, CA. [poster]
- Krupp, A., Dunn, H., Potter, K., Dunn Lopez, K. (2024, May). Guideline-driven early mobility decisions: A retrospective EHR-based analysis. 14<sup>th</sup> International Meeting of Physical Medicine & Rehabilitation in the Critically Ill. San Diego, CA. [podium]

3. \*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].
4. \*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]
5. \*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]
6. \* **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]
7. **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]
8. **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]
9. \*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]
10. **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.**, Hetland, B., Gerlach, A., Blum, J., Exline, M., Kim, J.Y., Horner, R., Wichman, C., Campbell, J., Circo, K., Vasilevskis, E., Balas, M. (2024, December). *Engaging stakeholders to proactively optimize implementation: the BEST-ICU nurse facilitator implementation strategy*, Poster Presentation. 17<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health, Arlington, VA. [poster]
2. Strayer, A.L., Bjornson, S., Werner, N.E., **Krupp, A.E.** (2024, March). *Barriers and Facilitators to the Patient Work of Getting to Spine Surgery*. American Association of Neuroscience Nurses Annual Meeting, Salt Lake City, UT, USA [poster].
3. **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].
4. Resinger, H., Goedken, C., **Krupp, A.**, Greiner, J. (2022, April). *Implementation science: EBP application*. National Evidence-Based Practice Conference. Virtual. [presented, invited]
5. \***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]
6. \*Potter, K., Dunn, H., Mueller, M., **Krupp, A.**, Newman, S., & Miller, S. (2021, November). *The IMPAiR (Identifying coMorbidity subgroups of Patients with Acute Respiratory failure) Study: Risk*

*stratification of physical disability post-intensive care.* Johns Hopkins Critical Care Rehabilitation Virtual Conference. [poster]

7. **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]
8. **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]
9. **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]
10. **\*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]
11. **\*Krupp, A.** (2018). *ICU utilization and nursing characteristics.* National Clinician Scholars Program Annual Meeting. Los Angeles, CA. [presented]
12. **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]
13. **\*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]
14. **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]
15. **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]
16. **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]
17. **Krupp, A.** (2010). *Bloggging: the next generation journal club.* American Association of Critical Care Nurses National Teaching Institute. Washington, DC. [presented]
18. **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]
19. **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.** (2024, March). *Opportunities to Use Data to Decrease Functional Decline in the ICU.* University of Iowa Health Care Nursing Research & Evidence-Based Practice Grand Rounds. [presented, invited].
2. **Krupp, A.** (2023, November). *BEST-ICU Pragmatic Trial: Work in Progress.* ICTS Implementation Science Journal Club. Iowa City, IA. [presented]

3. **Krupp, A.** (2023, September). Mapping Guidelines to EHR Data: Pilot Study Update. University of Iowa Hospitals & Clinics Nursing Research and Evidence-Based Practice Council. Iowa City, IA. [presented].
4. 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]
5. Volk, M., **Krupp, A.** (2021). *Developing an EHR-based phenotype for ICU patients at risk for functional decline*. MNRS Research Conference. Virtual. [poster]
6. **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]
7. **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].
8. **Krupp, A.** (2017, November). *RN decision making and ICU Mobility*. Nursing Grand Rounds. William S. Middleton VA Hospital, Madison, WI. [presented, invited]
9. **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]
10. **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]

### Workshops

1. Simon, G., Fritz, J., Morone, N., **Krupp, A.**, Tong, S. (2024, July). Engagement as the cornerstone in pragmatic research. NIH Pragmatic Trials Collaboratory 2024 Annual Workshop. Virtual Workshop. [invited]
2. Hand, L., **Krupp, A.** (2024, June). Two phase research awards: strategies, pitfalls, and ensuring success. 2024 College of Nursing Grants Workshop. Virtual Workshop. [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

2024	AMIA Informatics Summit
2023, 2024	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)  
 2024-2025 Health Systems, Policy, and Informatics RIIG Co-chair  
 2023-2024 Health Systems, Policy, and Informatics RIIG Co-chair-elect  
 2022-2023 Acute & 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  
 2020- Society of Critical Care Medicine (SCCM)  
 2020- American Medical Informatics Association (AMIA)  
 2024- Alliance for Nursing Informatics, Governing Director representing MNRS

**Advisory Panels**

2022-2024 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**

2024-present Chair, Health Information Technology Scholarly Interest Group (HIT SIG)  
 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 2024 NURS: 5017 Quality and Safety. Team Teacher, 31 students.

Spring 2024 NURS: 5017 Quality and Safety. Primary Teacher, 35 students.

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 2024 NURS: 7006 Theory and Model Development. Models, Frameworks, and Theories in Informatics Research Panel.

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
Brittany Sharp	PhD	8/2024			University of Iowa	ISP Committee Member
Angela Shanahan	PhD	8/2024			University of Iowa	Research mentor during graduate research assistantship
Jaewon Bae	PhD	9/2020-5/2024	PhD	Functional Decline and Symptom Experience Among Patients with	University of Iowa	Research mentor during graduate research assistantship; Dissertation

				Sepsis (graduate research assistant)		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
<b>Undergraduate Honors</b>						
<b>Student</b>	<b>Program</b>	<b>Dates</b>	<b>Degree Received</b>	<b>Research Project</b>	<b>Institution</b>	<b>Role</b>
Claire Stephenson	BSN	8/2024-5/2025		Implementation Facilitation in the ICU	University of Iowa	Honors advisor
Madeline Volk	BSN	1/2020-12/2020	BSN, 2020	Mapping Frailty Measures to EHR Data  <b>3<sup>rd</sup> place winner in MNRS Student Poster Competition</b>	University of Iowa	Honors advisor
<b>Undergraduate Research</b>						
<b>Student</b>	<b>Program</b>	<b>Dates</b>	<b>Degree Received</b>	<b>Research Project</b>	<b>Institution</b>	<b>Role</b>
Jacob Osten	BSN	6/2024-		BEST-ICU Clinician Workload	University of Iowa	Mentor
Genevieve Martinez	BSN	9/2024		BEST-ICU Clinician Workload	University of Iowa	Mentor
Lauren Dudkiewicz	BSN	9/2024		BEST-ICU Clinician Workload	University of Iowa	Mentor
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-	University of Iowa	Mentor

				Hospitalization Outcomes Among Sepsis Survivors		
Hope Worline	Research assistant	9/2021-12/2022	BSN	Mobility, Symptom Experience, and Post-Hospitalization Outcomes Among Sepsis Survivors	University of Iowa	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