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EDUCATION

Year	Degree	Institution/Location
2011	Doctor of Nursing Practice	University of Iowa, Iowa City, IA
2005	Master of Science in Nursing (Anesthesia Nursing)	University of Iowa, Iowa City, IA
1993	Bachelor of Science in Nursing	University of Iowa, Iowa City, IA

DNP Project: Implementation of a Pre-anesthesia Checklist Utilizing Anesthesia Patient Safety Foundation (APSF) Guidelines

LICENSURE

Year	Source	License	Number
2005-present	Iowa Board of Nursing	Registered Nurse	#099562
1997-present	Iowa Board of Nursing	Advanced Registered Nurse Practitioner Care	#D099562

CERTIFICATIONS

Year	Source	Type	Number
2019-present	Society for Simulation and Healthcare (SSH)	Certified Healthcare Simulation Educator (CHSE)	#191120
2005-present	National Board on Certification and	Certified Registered Nurse Anesthetist (CRNA)	#72224

PROFESSIONAL EXPERIENCE

Year	Position	Institution / Location
Academic Appointments		
2022-present	Clinical Associate Professor	University of Iowa College of Nursing, Iowa City, IA
2011-2022	Clinical Assistant Professor	University of Iowa College of Nursing, Iowa City, IA
Administrative Appointments		
2011-present	Associate Director, Doctor of Nursing Practice Program in Anesthesia Nursing	University of Iowa College of Nursing, Iowa City, IA
Clinical Appointments		
2005-present	Certified Registered Nurse Anesthetist (CRNA)	University of Iowa Health Care (UIHC), Iowa City, IA

HONORS AND AWARDS

2024	Innovation Award, University of Iowa College of Nursing
2023	Collegiate Professional Service Award, University of Iowa College of Nursing
2021	Collegiate Teaching Award, University of Iowa College of Nursing
2019	College of Nursing Teaching Excellence Award, University of Iowa College of Nursing
2017	The Daisy Faculty Award, The Daisy Foundation. The Daisy Faculty Award was created to recognize and celebrate the contributions faculty make to the future of nursing.

SCHOLARSHIP

PUBLICATIONS

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

Journals

Peer-Reviewed

1. *Shaw, C. A., Knox, K., Bair, H., Watkinson, E., Weeks, D., & Jackson, L. (2024). Is elderspeak communication in simulated hospital dementia care congruent to communication in actual patient care? A mixed-methods pilot study. *Journal of Clinical Nursing*, 00, 1–12. <https://doi.org/10.1111/jocn.17207>
2. *J. M. Lindell, Williams, M., Reinke, K., **Bair, H**, Chae, S., Hanrahan, K., St. Marie, B., Jenkins, P., Albert, N., Gullatte, M., Rogers, D., Swan, B., Holden, T., Woods, E., DeGuzman, P., DeGennaro, G., Marshall, D., Hein, M., Perkhounkova, Y. & Huber, D. Development and Testing of the Relational and Structural Components of Innovativeness Across Academia and Practice for Healthcare Progress Scale. *JONA: The Journal of Nursing Administration* 54(5):p 260-269, May 2024. | DOI: [10.1097/NNA.0000000000001422](https://doi.org/10.1097/NNA.0000000000001422)
3. Huber, D. L., **Bair, H.L.** & Joseph, M.L. (2019). Roadmap to Drive Innovativeness in Health Care. *Nurse Leader*, 17(6). DOI: 10.1016/j.mnl.2019.09.007.
4. *Joseph, M. L., **Bair, H. L.**, Moorhead, S., & Hanrahan, K. (2019). A typology of innovations in nursing. *Journal of Nursing Administration*, 49(7/8). DOI: 10.1016/j.mnl.2019.09.007.
5. *Block, R. I., **Bair, H. L.**, & Carillo, J. F. (2019). Is exhaustion more sensitive than disengagement to burnout in academic anesthesia? A study using the Oldenburg Burnout Inventory. *Psychological Reports*, 123(4). <https://doi.org/10.1177%2F0033294119856560>.
6. *Joseph, M. L., **Bair, H. L.**, Huber, D. L., Moorhead, S., Hanrahan, K., Butcher, H., & Chi, N. (2019). Health care innovations across practice and academia: A theoretical Framework. *Nursing Outlook*. 00(00), 1-9, <https://doi.org/10.1016/j.outlook.2019.05.007>

Non-Peer Reviewed

1. **Bair, H. L.** (2025, January 20). *Teacher, lifelong learner: My journey with continued certification*. National Board of Certification & Recertification for Nurse Anesthetists (NBCRNA). <https://www.nbcrna.com/about-us/media/news-detail/2025/01/20/crna--teacher-lifelong-learner--my-journey-with-continued-certification>

2. Block R.I., **Bair, H.L.**, Carillo J.F. (2020). Response to Burnout as a state: random-intercept crosslagged relationship between exhaustion and disengagement in a 10-day study [letter]. *Psychology Research and Behavior Management*, May 5;13:395-396. PMID:32440238. PMCID: PMC7211325. doi:10.2147/PRBM.S258125

Book chapters

1. Majumdar, J. & **Bair, H.L.** (2026). Carboxylic acids, esters, anhydrides, and acid chlorides. In R. Temmermand & E. Aroke (Eds.), *Science for nurse anesthetologists: Chemistry, physics and biology for anesthesia practice* (1st ed.). Elsevier. [IN PRESS]
2. O’Sullivan, C., **Bair, H.L.**, (2023). Crisis Resource Management and Patient Safety. In Nagelhout, J., Elisha, S., & Heiner (Ed.), *J. Nurse Anesthesia 7th ed.* St. Louis, Missouri: Elsevier.

Edited Books

1. Temmermand, R., & Aroke, E. (Eds.). (2026) *Science for nurse anesthetologists: Chemistry, physics and biology for anesthesia practice* (1st ed.). Elsevier. [In press].
Section Editor - Physics Section.

Technical, research, evaluation, consultation, or accreditation reports

1. Choudhry S., Greenwood J., **Bair H.**, Van Pelt M., Muckle T., Glymph D., & Ledbetter L. (2025). Simulation-Based (OSCE, XR, 2D/Screen-Based) and Performance-Based (Scenario-Based SOE) Assessment Methods in Healthcare Professional Certification: A Scoping Review. Open Science Framework (OSF) Registration. DOI: 10.17605/OSF.IO/C2A8H

Instructional and Practice Materials

- 2025 **The Bairway Biomechanical Airway Trainer**. An original, portable airway management training proto-type focused on safe and effective airway securement, developed to support simulation-based mastery learning and psychomotor skill acquisition. Accepted into the MakerHealth clinician-innovator program and supported by the University of Iowa Office of Innovation Nurse Innovators Program.

Innovation Pitches and Showcases

1. **Bair, H.** (2025, August 28). *The Bairway trainer: A simple training model for direct laryngoscopy* [Invited virtual pitch presentation]. MakerHealth Pitch Consultation
2. **Bair, H.** (2025, November 14). *The Bairway airway trainer: Building muscle memory for safe and effective breathing tube placement* [Competitive pitch presentation]. Iowa Nurse Innovators Pitch Competition, Office of Innovation, University of Iowa.

GRANTS

Scientific and Educational Research Grants

Intramural Research Grants

Funded

- 2021 - 2022 Psychometric Evaluation: Innovativeness Across Academia and Practice for Progress Scale (IA-APPS). L. Joseph (PI), (Co-I's): B. St. Marie, **H. Bair**, E. Perkhounkova, & M. Hein. Educational Innovation Award, \$5,000.
- 2021 - 2022 Advancing Methods of Measurement and Education for Communication in Dementia Care. C. Shaw (PI), (Co-I's): **H.Bair** & K. Knox. Woodrow W. Morris Gerontology Research Award for Faculty, \$5,000.
- 2021-2022 Advancing Methods of Measurement and Education for Communication in Dementia Care. C. Shaw (PI), (Co-I's): **H.Bair** & K. Knox. Sigma Theta Tau International (STTI) / Council for Advancement of Nursing Science (CANS), \$5,000.

PRESENTATIONS

Research and Clinical Presentations

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

International

1. **Bair H.** & White, Stephanie (2025). Anesthesia Section Presents: Reflections and Innovations in Anesthesia Simulation. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH), Orlando Florida. [Podium Presentation].
2. White, S. & **Bair., H.** (2024). Perioperative Team Training: Code Hemorrhage. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH), San Diego, CA. [Podium Presentation].
3. Leonard, P., Lovkesh, A., **Bair, H.**, Denmeand, M., Forman, J., Hartman, J., Littlewood, K., Obr, C., VandeBerg, J., & White, S. (2024). Rapid Cycle Debriefing Practice. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH), San Diego, CA. [Workshop].
4. **Bair, H.**, Shaw, C., & Knox, K. (January 2023). Simulation Using Manikins and Standardized Patients Reproduces Communication Patterns Similar to Actual Clinical

Practice. IMSH Society for Simulation in Healthcare Annual Meeting, Orlando, Fl, [Peer Reviewed Poster Presentation].

5. **Bair, H.** & Hartman, J. (2022). Debriefing, You Can Do This!. International Meeting on Simulation and Healthcare (IMSH) Society for Simulation in Healthcare (SSH), Los Angeles CA, [Workshop.]
6. Leonard, P., **Bair H.**, O'Donnell, J., Obr C., Keech J., Lindower, J., Elgin, T., Anderson, D., Ravidranath, S., Shaffer, S., Ding, J., Salazar, J., (2022). Rapid Cycle Debriefing Practice. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH), Los Angeles, CA [Workshop]
7. Leonard, P., **Bair H.**, Thenuwara, K, Obr B., Obr C., Kwok J., Littlewood, K. Abatzis, V., Hosking, J. Hartman, J. VandeBerg, J, & Keech, J. (2021), Engagement to Cognition. International Meeting on Simulation and Healthcare (IMSH): Bringing Learning to Life, Society for Simulation in Healthcare (SSH). [Virtual Workshop]
8. Leonard, P., **Bair H.**, Thenuwara, K., Forman, J., Hartman, J., Hosking, J., Miller, D., Obr, B., Obr, C. (2019). Rapid Cycle Debriefing Practice. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH) San Antonio, Texas. [Workshop]
9. Leonard, P., **Bair, H.**, Hosking, J., Obr, B., Thenawara, K. (2019). Redesign for Cognitive Process. International Meeting on Simulation and Healthcare (IMSH), Society for Simulation in Healthcare (SSH), San Antonio, Texas. [Workshop]
10. Leonard, P., **Bair, H.**, Thenuwara, K., Mathias, M., Miller, D., Hall, N., Lindower, J., Loy, A. (2018). Rapid Cycle Debriefing Practice. International Meeting on Simulation in Healthcare (IMSH), Society for Simulation in Healthcare (SSH), Los Angeles, California. [Workshop]

National

1. **Bair, H.**, & Clayton, B. (2025). Improving the Management of Anesthesia Emergencies Series: Obstetrical Emergency Simulation. American Association of Nurse Anesthetists (AANA) Annual Congress, San Diego, California. [Presentation and Simulation Lab]
2. **Bair, H.**, & Clayton, B. (2024). Improving the Management of Anesthesia Emergencies Series: Obstetrical Emergency Simulation. American Association of Nurse Anesthetists (AANA) Annual Congress, San Diego, California. [Presentation and Simulation Lab]
3. C. O'Sullivan & **Bair, H.** (2023). Utilizing Effective Crisis Resource Management Skills to Improve Patient Outcomes” American Association of Nurse Anesthetists (AANA) Annual Congress, Chicago, Illinois. [Recorded Pre-Simulation Presentation].

4. **Bair, H.**, Clayton, B. & Minges, T. (2023). Improving the Management of Anesthesia Emergencies: Simulation Labs, Obstetrical Hemorrhage. American Association of Nurse Anesthetists (AANA) Annual Congress, Chicago, Illinois. [Presentation and Simulation Lab].
5. **Bair, H.** (2023). Interdisciplinary Debriefing. Simulation in Motion – Midwest Consortium, Souix Falls, South Dakota. [Podium Presentation].
6. Shaw, C., Knox, K., **Bair, H.**, Watkinson, E., Weeks, D., & Hanson, P. (November 2022). *Establishing the Validity of Simulation to Capture Elderspeak Communication in Dementia Care*. Gerontological Society of America Annual Scientific Meeting, Indianapolis, IA, [Peer Reviewed Symposium Presentation]
7. **Bair, H.**, & Clayton, B. (2022). Improving the Management of Anesthesia Emergencies Series: Obstetrical Emergency Simulation. American Association of Nurse Anesthetists (AANA) Annual Congress, Chicago, Illinois. [Presentation and Simulation Lab]
8. Woodruff, S. & **Bair, H.** (2022). Improving the Management of Anesthesia Emergencies Series: Anaphylaxis. American Association of Nurse Anesthetists (AANA) Annual Congress, Chicago, Illinois. [Presentation and Simulation Lab]
9. O’Sullivan, C., **Bair H.**, C. Heiner, J., Gilligan, B., Gonzalez, M., Muckler, V., Kendon, B., Clayton, B., Woodruff, S., Furstein, J., Yockey, M. O’Donnell, J. Elisha, S. (2020). Improving the Management of Anesthesia Emergencies. American Association of Nurse Anesthetists (AANA) Annual Congress, San Diego, California. [Simulation Lab, Canceled Event]
10. **Bair, H.** & O’Sullivan, C. (2020). Integrating Cognitive Aids into Clinical Practice. Evidenced Based Treatments of Common Perioperative Emergencies. Cleveland Clinic Anesthesia Symposium, Cleveland, Ohio. Invited. [Podium Presentation and Simulation Lab, Canceled Event]
11. **Bair, H.**, & O’Sullivan, C. (2019.) Utilization of Cognitive Aids During a Simulated Emergency. Pennsylvania Association of Nurse Anesthetists (PANA) Spring Symposium, Hershey, Pennsylvania. Invited. [Simulation Lab]
12. **Bair, H.**, Finney, R., & Schneider, L. (2019). It's Okay to Not be Okay. American Association of Nurse Anesthetists Annual Congress, AANA, Chicago, Illinois. [Podium Presentation]
13. **Bair, H.**, Anderson M., Muckler, C., Heiner, J., Yockey, J., Kendon, B., O’Donnell, J., Gonzalez, M., Elisha, S, Furstein, J. Gilligan, B. & Woodruff, S. (2019). Evidence Based Treatments for Common Perioperative Emergencies. American Association of Nurse Anesthetists Annual Congress (AANA). Chicago, Illinois. [Simulation Lab]

14. O'Sullivan, C., **Bair, H.** (2019). Integrating Cognitive Aids into Practice to Improve Perioperative Outcomes. American Association of Nurse Anesthetists Annual Congress, (AANA). Chicago, Illinois. [Podium Presentation].
15. **Bair, H.**, Hall, N., Mueller, M., Blaylock, B. & Dailey, S. (2018). Implementation the Stanford Emergency Manual Using Simulation. American Association of Nurse Anesthetists (AANA) Annual Congress, Seattle, Washington. [Poster presentation].
16. **Bair, H.** Muckler, C., Heiner, J., Yockey, J., N. Hall, O'Donnell, J., Gonzalez, M., Elisha, S, & Butera, M. (2018). Preparing for Perioperative Emergencies Using Simulation. at the American Association of Nurse Anesthetists (AANA) Annual Congress, Boston, Massachusetts. [Simulation lab].

State

1. **Bair H.** (2025). Crisis Resource Management. Iowa Association of Nurse Anesthetists (IANA) Spring Meeting. Ankeny, Iowa. [Podium Presentation].
2. Bair H. (2025). Crisis Resource Management Simulation: Anaphylaxis. Iowa Association of Nurse Anesthetists (IANA) Spring Meeting. Ankeny, Iowa. [Simulation Lab].
3. **Bair, H.** (2024). Anesthesia Ventilators: Past, Present, Future and Potential Risks. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting. Iowa City, Iowa. [Podium Presentation].
4. **Bair, H.**, Fear K., Ford. E., O'Sullivan C. (2024). Frames Matter Debriefing Practice. Simulation in Motion – Midwest Consortium. Iowa City , Iowa. [Workshop].
5. C. O'Sullivan, **Bair H.** (2024) Improving Maternal Outcomes through Simulation. Simulation in Motion – Midwest Consortium. Iowa City, Iowa. [Podium Presentation].
6. **Bair, H.** (2022). Utilizing Effective Crisis Resource Management Skills to Improve Patient Outcomes. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting. Iowa City, Iowa. [Podium Presentation followed by Simulation Labs].
7. **Bair H.** (2022). Obstetrical Hemorrhage Simulation. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting. Iowa City, Iowa. [Simulation Labs]
8. Mahoney, T., Bunch, J., **Bair, H.** (2022). Myocardial Infarction Simulation. Intraoperative Iowa Association of Nurse Anesthetists (IANA) Fall Meeting. Iowa City, Iowa. [Simulation Labs]
9. **Bair, H.** (2018). Fire in the Operating Room: A Never Event. Illinois Association of Nurse Anesthetists (IANA) Spring meeting, Normal, Illinois. [Podium Presentation].

10. **Bair, H.** (2017). Anesthesia Machine Anatomy: The Basics to All the Bells and Whistles. Illinois Association of Nurse Anesthetists (IANA) Spring meeting, Normal, Illinois. [Podium Presentation].
11. **Bair, H.** (2016). Non-Obstetric Surgery During Pregnancy. Iowa Association of Nurse Anesthetists (IANA) Spring Educational Meeting, Des Moines, Iowa. [Podium Presentation].
12. **Bair, H.** (2016). Evidence Based Practice in Anesthesia: Optimizing Outcomes. Iowa Association of Nurse Anesthetists (IANA) Spring Meeting, Des Moines, Iowa. [Podium Presentation].
13. **Bair, H.** (2015). Anesthesia Machine Anatomy: The Basics to All the Bells and Whistles. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].
14. **Bair, H.** (2015). Fire in the Operating Room: A Never Event. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].
15. **Bair, H.** (2014). Retrobulbar Block Complications. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].
16. **Bair, H.** (2012). An Anesthesia Safety Initiative: Implementation of a Pre-Anesthesia Checklist. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].

Local

1. **Bair, H.** (2025). Simulation Design. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
2. **Bair, H., Hartman J.** (2025). Debriefing: You Can Do This! Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
3. **Bair, H.** (2024). Simulation Design. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
4. **Bair, H., Hartman J.** (2024). Debriefing: You Can Do This! Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
5. **Bair, H.** (2023). Improving Healthcare Outcomes with Simulation-Based Learning: From Local to International Impact. University of Iowa College of Nursing Celebrating 125 Years, Iowa City, IA. [Podium Presentation.]

6. **Bair H.** (2023). Simulation Design. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop]
7. **Bair, H.** (2023). Advocacy/Inquiry Using a Personal Experience. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
8. **Bair, H.** (2022). Perioperative EKG Interpretation and Advanced Cardiac Life Support. Iowa Society of Perianesthesia Nurses (ISPAN) Annual Conference. [Virtual Workshop]
9. **Bair, H.** (2022). Simulation 101 Workshop: *Simulation Standards and Ethics: The Building Blocks; What's in a simulation? : Simulation Design and Execution; The Prebrief and Debrief: Setting the Stage and Giving Effective Feedback.* Simulation Iowa Motion, Iowa (SIM-IA). Swisher, Iowa. [Workshop].
10. **Bair, H.** (2022). Simulation Design. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
11. **Bair, H.,** Hartman J. (2022). Debriefing: You Can Do This! Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
12. **Bair, H.** (2022). Advocacy/Inquiry Using a Personal Experience. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
13. **Bair, H.** (2021). Feedback in Debriefing: Get Curious! Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Virtual Workshop].
14. **Bair, H.** (2021). Virtual Escape Room. Introduction to Team Simulation Design and Debriefing (TSDD) Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Virtual Workshop].
15. **Bair, H.** (2021). Simulation Design. Introduction to Team Simulation Design and Debriefing Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Virtual Workshop].
16. **Bair, H.** (2021). Fire in the Operating Room: A Never Event. University of Iowa Health Care (UIHC) Ambulatory Surgery Center, Iowa City, Iowa. [Podium Presentation].
17. **Bair H.** (2020). Advanced Cardiac Life Saving (ACLS) Overview. University of Iowa Healthcare (UIHC), Stead Family Children's Hospital. Iowa City, Iowa. [Podium Presentation].

18. **Bair, H.** (2020). Advanced Cardiac Life Saving (ACLS) Overview. University of Iowa Healthcare (UIHC), Ambulatory Surgery Center. Iowa City, Iowa. [Podium Presentation].
19. **Bair, H.** (2020). Fire in the Operating Room: A Never Event. University of Iowa Health Care (UIHC) Ambulatory Surgery Center, Iowa City, Iowa. [Podium Presentation].
20. **Bair, H.** (2019). Difficult Debriefing. College of Nursing Healthcare Simulation Workshop II. The Nursing Clinical Education Center (NCEC). University of Iowa Health Care (UIHC). Iowa City, Iowa. [Workshop].
21. **Bair, H.** (2019). Nuts and Bolts of Debriefing. College of Nursing Healthcare Simulation Workshop I. The Nursing Clinical Education Center (NCEC). University of Iowa Health Care (UIHC). Iowa City, Iowa. [Workshop].
22. Leonard, P., **Bair, H.**, Vandeberg, J., Loy, A., Lindower, J., Thenuwara, K., & Obr. C. (2019). Conversations in a Just Culture. 7th Annual Quality and Safety Symposium. University of Iowa Healthcare (UIHC). Iowa City, Iowa. [Workshop].
23. **Bair, H.** (2019). Debriefing and Feedback. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Podium Presentation].
24. Leonard, P., & **Bair, H.** (2019). Genuine Curiosity and Difficult Conversations. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Podium Presentation].
25. Leonard, P., **Bair, H.**, Vandeberg, J., & Loy, A. (2019). Advocacy and Inquiry with a Personal experience. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
26. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, J., & Loy, A. (2019). Debriefing “Moves”. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
27. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, J., & Loy, A. (2019). Debriefing Pictionary. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
28. **Bair, H.** & Thenuwara, K. (2019) Simulation Design. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
29. Leonard, P., **Bair, H.**, Vandeberg, J., & Thenuwara, K. (2019). Design for Cognitive Process. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Presentation].

30. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, J., & Loy, A., Thenuwara, K., Obr, C. & Hartman, J. (2019). Frames Matter. Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
31. **Bair, H.** (2019). Airway Management Skills Lab: Visiting Scholars from the Netherlands, Nursing Clinical Education Center (NCEC), Iowa City, Iowa. [Workshop].
32. **Bair, H. (2019)**. Certified Registered Nurse Anesthetist: U.S. Education and Practice, Visiting Scholars from the Netherlands, Nursing Clinical Education Center (NCEC), Iowa City, Iowa. [Podium Presentation].
33. **Bair, H.** (2017). Implementation the Stanford Emergency Manual Using Simulation. 5th annual UI Hospitals and Clinics Quality and Safety Symposium, UIHC, Iowa City, Iowa. Peer-Reviewed [Poster Presentation].
34. **Bair, H.** Kuehnle, F., Newman, L., Stanik – Hutt, J., & Vignato, J. (2018). Nursing Panel, Summer Health Professions Education Program, University of Iowa, Funded by the Robert Wood Johnson Foundation. Invited, [Panel Discussion]
35. **Bair, H.** (2018). Fire in the Operating Room: A Never Event. University of Iowa Health Care (UIHC) Stead Family Children's Hospital, Iowa City, Iowa. [Podium Presentation].
36. **Bair, H.** (2018). Debriefing and Feedback. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Podium Presentation].
37. Leonard, P., & **Bair, H.** (2018). Genuine Curiosity and Difficult Conversations. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Presentation].
38. Leonard, P., **Bair, H.**, Vandeberg, J., & Loy, A. (2018). Advocacy and Inquiry with a Personal experience. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
39. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, J., & Loy, A. (2018). Debriefing “Moves”. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
40. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, J., & Loy, A. (2019). Debriefing Pictionary. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
41. **Bair, H.** & Thenuwara, K., Miller, D. (2018). Simulation Design. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].

42. Leonard, P., **Bair, H.**, Vandenberg, J., & Thenuwara, K. (2018). Design for Cognitive Process. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Presentation].
43. Leonard, P., **Bair, H.**, Petit, J., Vandenberg, J., & Loy, A., Thenuwara, K., Obr, C. & Hartman, J. (2017). Frames Matter. Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].
44. **Bair, H.** (2017). Implementation the Stanford Emergency Manual Using Simulation. 5th annual UI Hospitals and Clinics Quality and Safety Symposium, Iowa City, Iowa. [Poster Presentation]
45. **Bair, H.** (2015). Nurse Monitored Sedation. University of Iowa Health Care Ambulatory Surgery Center, Iowa City, Iowa. [Presentation].
46. **Bair, H.** (2015). Fire in the Operating Room: A Never Event. Ambulatory Surgery Center, Iowa City, Iowa. [Presentation].
47. **Bair, H.** (2014). Implementation of Pre-Anesthesia Machine Safety Checklists Utilizing Patient Safety Guidelines. 2nd Annual Quality and Patient Safety Symposium, Iowa City, Iowa. [Poster Presentation].

SERVICE

(PEER REVIEW ACTIVITIES

Peer Review of Scholarly Products

Journal Manuscript Review (pre-publication)

2020-present Journal of PeriAnesthesia Nursing (JOPAN)

2021 American Association of Nurse Anesthesiologists (AANA) Journal

Book & Chapter Review (pre-publication)

2017 Nagelhout, J., & Sass, E. (2018). Anesthesia for Ophthalmic Procedures. Nurse Anesthesia. (6th ed.). St. Louis, Mo.: Elsevier/Saunders.

Conference Abstract Review

2023 International Conference Abstracts Reviewer, Society for Simulation and Healthcare (SSH) International Society for Simulation in Healthcare (IMSH) Meeting [volunteer]

Peer Review of Teaching or Practice Products and Activities

Peer Evaluations of Teaching

2025 Heather Dunn, Review of hybrid course

External or Internal Reviews of Faculty Portfolios

2025 Clinical Track Faculty Periodic Peer Reviewer (Team Lead), Assistant Professor, University of Iowa, College of Nursing, Iowa City, IA

2025 Review for promotion to Associate Professor (Clinical Track), University of South Florida

2024 Clinical Track Faculty Periodic Peer Reviewer, Assistant Professor, University of Iowa, College of Nursing, Iowa City, IA

2023 Review for promotion to Associate Professor (Clinical Track), Columbia University School of Nursing

2023 Review for promotion to Associate Professor (Clinical Track), Columbia University School of Nursing

2023 Review for promotion to Associate Professor (Clinical Track), The Ohio State University

Review of Nominations for Awards, Honors or Scholarships

2023 2024 Society for Simulation in Healthcare (SSH) Early Career Research Award Program

2022 College of Nursing Collegiate Teaching Award nomination review

PROFESSIONAL SERVICE ACTIVITIES

Society/Association Membership, Participation, and Leadership

International Nursing Association for Clinical Simulation and Learning (INACSL)

2021-present Member

Society for Simulation in Healthcare (SSH)

2017-present Member

American Association of Nurse Anesthetists (AANA)

2005-present Member

Iowa Association of Nurse Anesthetists (IANA)

2005-present Member

Sigma Theta Tau International Honor Society of Nursing, gamma chapter

1997-present

National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA)

- 2025-present Evaluation and Research Advisory Committee (ERAC) Chair [Appointed]
- 2023-2025 Evaluation and Research Advisory Committee (ERAC) Member [Appointed]
- 2024-2025 Advisory Board Member [Appointed]
- 2023 Standard Setting Panel [Appointed]
- 2021-2023 National Certification Exam (NCE) Item Writing Committee, Chair, [Appointed]
- 2019-2021 National Certification Exam (NCE) Item Writing Committee, [Member]
[Appointed]
- 2016-2019 Self-Evaluation Examination (SEE) Item Writing Committee, Chair, [Appointed]
- 2013-2016 Self-Evaluation Examination (SEE) Item Writing Committee, Member
[Volunteer]

Advisory Panels

- 2015 Anesthesia Patient Safety Foundation (APSF) Consensus Workshop on Implementing Emergency Manuals and Checklists. Scottsdale Az, Invited participant in national expert workshop contributing to APSF consensus recommendations on the implementation of cognitive aids in the operating room; resulting consensus published in the *APSF Newsletter* (February 2016).

Consultations

- 2023 Duke University Nurse Anesthesia Program. Expert consultant for a Doctor of Nursing Practice (DNP) project focused on the development of a screen-based simulation for difficult airway management.
- 2022 Duke University Nurse Anesthesia Program. Simulation expert panelist for a DNP project evaluating nontechnical skills using mannequin-based versus screen-based simulation modalities.
- 2022 National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA). Content validity expert panelist evaluating Objective Structured Clinical Examinations (OSCEs) and a remote assessment platform for potential use in maintenance of certification and re-entry to practice programs. Work informed peer-reviewed publication.

- 2020 American Association of Nurse Anesthetists (AANA) Simulation Subcommittee. Content validity expert for the Pre-Anesthesia Checkout (PAC) competency evaluation tool designed to support common assessment standards for Student Registered Nurse Anesthetists.
- 2020 National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA). Content validity expert panelist reviewing simulation-based competency checklists for the Continued Professional Certification (CPC) program. Work informed peer-reviewed publication.
- 2019 National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA). Content validity expert panelist reviewing simulation-based competency assessments for the Continued Professional Certification and Re-entry to Practice programs.

Media Interviews in Support of the Profession

- 2025 Maintenance of Anesthesia Certification (MAC) Longitudinal Assessment Program. Featured in a series of recorded video interviews and web-based professional media produced by the NBCRNA, including interviews conducted with the Chief Credentialing Officer and subject-matter expert commentary addressing frequently asked questions.

UNIVERSITY SERVICE.

University and Academic Health Campus

- 2023 Summer Health Professions Education Program (SHPEP) Speaker Robert Wood Johnson Foundation enrichment program to support interest and successful matriculation in health professions education programs among individuals from traditionally underrepresented groups.

University of Iowa Healthcare

- 2023-present Anesthesia Best Practice Committee
- 2020-present Anesthesia Skills Workshop CME Activity Planning Committee, Member.
- 2022-present Ambulatory Surgery Center Code Hemorrhage Sub Committee, Member.
- 2017-2020 University of Iowa Department of Anesthesia Department Wellness Committee, Co-Chair

2017-2020 Wellness Ambassador to the liveWell Program.

COLLEGIATE SERVICE

Task Forces and Ad Hoc Committees

2022 DNP Program outcomes subcommittee, member, volunteer
 2020 College of Nursing Mission Statement Revision Taskforce, member, volunteer.
 2017 DNP Curriculum workgroup, member, volunteer
 2016 CON Program Evaluation Taskforce, member, volunteer

Standing Committees

2025-present Promotion and Tenure Committee, elected
 2012-present Anesthesia Nursing Admissions/Progression Subcommittee, member, appointed.
 2020-2023 Scholarship Subcommittee, Chair, appointed.
 2015-2022 Adult/GNP Admissions/Progression Subcommittee, member appointed.
 2014-2020 Scholarship Subcommittee, member, volunteer

TEACHING

INSTRUCTIONAL ACTIVITIES

Course Instruction

University of Iowa

Spring

2019–2025 NURS 6004 Scientific Principles for Anesthesia Practice. Primary Instructor (12–18)
 2024 NURS 6829 Doctor of Nursing Practice Project IV. DNP Project Chair (4)
 2023 NURS 6006 Pharmacology of Anesthesia Practice. Team Teacher (14)
 NURS 6012 Advanced Principles of Anesthesia Practice II. Team Teacher (12)

	NURS 6827 Doctor of Nursing Practice Project II. DNP Project Chair (5)
	NURS 6829 Doctor of Nursing Practice Project IV. DNP Project Chair (2)
2022	NURS 6829 Doctor of Nursing Practice Project IV. Secondary Faculty (4) NURS 6827 Doctor of Nursing Practice Project II. Secondary Faculty (2)
2021	NURS 6827 Doctor of Nursing Practice Project II. Secondary Faculty (4)
2020	NURS 6829 Doctor of Nursing Practice Project IV. Secondary Faculty (6)
2019	NURS 6827 Doctor of Nursing Practice Project II. Secondary Faculty (6)
2017–2019	NURS 6825 Doctor of Nursing Practice Project. Secondary Faculty (2–6)
2014–2019	NURS 6016 Equipment & Technological Principles of Anesthesia Practice. Primary Instructor (10–12)
2014–2015	NURS 6052 Clinical Anesthesia II. Primary Instructor (9–10)
Fall	
2015-2025	NURS:6010 Advanced Principles of Anesthesia Practice I . Primary Instructor (10-16).
2024	NURS:6828:Chairs Doctor of Nursing Practice Project I. Project Char (4) NURS:6829:Chairs Doctor of Nursing Practice Project IV. Project Chair (2).
2023	NURS:6826:0EXW. Doctor of Nursing Practice Project I. Team Teacher (10). NURS:6828:Chairs. Doctor of Nursing Practice Project III. Project Chair (4).
2022	NURS:6051 Clinical Anesthesia. Faculty. Graduate. (12). NURS:6826:0EXW Doctor of Nursing Practice Project I. Team Teacher. Graduate. (10). NURS:6828:0EXW Doctor of Nursing Practice Project III. Project Chair (2). NURS:6054:0001 Obstetrical Anesthesia. Team Teacher (12.)
2021	NURS:6826:0EXK Doctor of Nursing Practice Project I. Team Teacher (2). NURS:6828:0EXC Doctor of Nursing Practice Project III. Team Teacher (4).
2019	NURS:6828:0EXD. Doctor of Nursing Practice Project III. Team Teacher (6)
2018	NURS: 6825 Doctor of Nursing Practice Project. Faculty. Graduate. (2). NURS: 6826 Doctor of Nursing Practice Project I. Faculty. Graduate. (6).
2020	NURS:6826:0EXC Doctor of Nursing Practice Project I. Faculty. Graduate. (4).

- 2017 NURS: 6005 Chemical & Physical Principles of Anesthesia Practice. Primary Instructor. (11).
NURS: 6825 Doctor of Nursing Practice Project. Faculty. Graduate.(3).
- 2016 NURS: 6825 Doctor of Nursing Practice Project. Primary Instructor.(2).
- 2014 NURS: 6012 Advanced Principles of Anesthesia Practice II. Primary Instructor. (10).
NURS: 6051 Clinical Anesthesia I. Primary Instructor. (10).
- 2013 NURS: 6012 Advanced Principles of Anesthesia Practice II. Primary Instructor. Graduate. (10).
NURS: 6051 Clinical Anesthesia I. Primary Instructor. (10).

Summer

- 2014-2025 NURS:6007:0001. Basic Principles of Anesthesia Practice. Primary Instructor (10-16)
NURS:6007:0001. Basic Principles of Anesthesia Practice. Primary Instructor (14).
- 2023 NURS:6050:0001. Introductory Clinical Anesthesia, Team Teacher (14).
NURS:6051:0001 Clinical Anesthesia. Team Teacher (12).
- 2022 NURS:6050:0001 Introductory Clinical Anesthesia. Faculty. Graduate. (12).
NURS:6055:0001 Rural Anesthesia. Faculty. Graduate. (14).
- 2021 NURS:6050:0001 Introductory Clinical Anesthesia. Faculty. Graduate. (14).
- 2013 NURS: 6050 Introductory Clinical Anesthesia. Primary Instructor. Graduate. (10).
NURS: 6055 Rural Anesthesia. Primary Instructor. Graduate. (12).

Invited Guest Lectures

Fall

- 2015-2025 PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease"
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension"
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents"
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow".
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease".

2019-2024 NURS: 5038 “Airway Management Simulation Lab. Pediatric Acute Care Nurse Practitioner Program.

2019-2023 NURS: 5038 “Airway Management Simulation Lab”. Adult Gerontology Acute Care Nurse Practitioner Program.

Spring

2018-2019 NURS:3518 Pathophysiology. “Cardiovascular Physiology”. Undergraduate BSN Program.

NURS:3518 Pathophysiology. “Pulmonary Physiology”. Undergraduate BSN Program.

New Course Development

Spring

2019 NURS: 6004 Scientific Principles Anesthesia Practice. Primary Instructor.

MENTORING AND ADVISEMENT

Mentoring

Faculty Mentorship

2023-Present Senior Faculty Mentor, Emily Ford DNP, CRNA

Objective: Provide structured mentorship focused on career development, scholarly identity formation, promotion planning, and strategic engagement in professional service and networking. Outcomes Mentee successfully completed a successful formal peer review period; clarified an area of expertise; developed a focused scholarly and service plan aligned with promotion criteria; and demonstrated strategic decision-making regarding professional commitments.

University of Iowa Doctor of Nursing Practice Project

Mentorship

2024-present Clements, Megan, Ultrasound Intravenous Access Implementation

Deobold, Mackenzie, Perioperative Peer Support Training

Eilers, Emily, Improving Maternal Outcomes Utilizing OB Hemorrhage simulations: Manchester Iowa

Racheal Enderson, Improving Maternal Outcomes Utilizing OB Hemorrhage simulations: Pella Iowa

Judy, Elwell, Adapting the Stanford Emergency Manual for Nursing Use

- 2022-2024 Lee, Mvundura, Improving Institutional Preparedness to Manage Postpartum Hemorrhage
Kutansky, Tara, Addressing Postpartum Hemorrhage in Iowa Hospital Through Simulation
- 2021-2023 Tuttle, Tyler, Implementation of the Stanford OB Emergency Manual in an Iowa Rural Hospital
Jude, Gabriella, Implementation of the Stanford OB Emergency Manual in a Rural Hospital Setting
Delpierre, Aimee, Code Hemorrhage: Protocol Implementation and Simulation
Andela, Cameron, Implementation of an OR Crisis Management Training Program
- 2020-2022 Owen, Chelsea, Improving Anesthesia Machine Safety Practices.
Mahoney, Thomas, Fire Safety in an Ambulatory Surgery Center.
Hugi, Alex, Implementation of a Cognitive Aid for Perioperative Emergencies
Mazetta, Lucy, Decreasing Red Blood Cell Wastage for Cardiothoracic Surgical Services.
- 2020-2024 Kayvani, Jasmine. Integrating the Stanford Emergency Manual (SEM).
Kleinmeyer, Misty. Implementing a Second Victim Support System for Anesthesia Providers.
- 2018-2020 Mara, Amanda. Updating Moderate Procedural Sedation Education, Testing, and Monitoring Practices at UIHC or Non-Anesthesia Providers
Mueller, Matthew. Implementation of the Stanford Emergency Manuals in the Perioperative Setting
- 2016-2018 Hall, Nick. Incorporating Emergency Manuals into Rural Hospital Practice Using Simulation
VanSickle, Brittany. Simulation to Prepare Anesthesia Students for Crisis Situations

**University of Iowa College of Nursing
DNP Project Chair, Graduates of Anesthesia Nursing Program**

- 2023-2025 Clements, Megan, Ultrasound Intravenous Access Implementation
Deobold, Mackenzie, Perioperative Peer Support Training
Eilers, Emily, Improving Maternal Outcomes Utilizing OB Hemorrhage simulations: Manchester Iowa
Racheal Enderson, Improving Maternal Outcomes Utilizing OB Hemorrhage simulations: Pella Iowa
Judy, Elwell, Adapting the Stanford Emergency Manual for Nursing Use
- 2022-2024 Artioli, Jeffrey. Simulated Airway Management for Low Frequency, High Stakes Encounters
Vermeer, Jacob. Obstetric Simulation Implementation for Postpartum Emergency in a Rural Hospital
Jang, Jae. Postpartum Hemorrhage Simulations for Perioperative Obstetrical Staffs in Rural Iowa

- Henningsen, Anna. Implementation & Evaluation of a Code Hemorrhage Protocol in the Ambulatory Surgery Center.
- 2021-2023 Andela, Cameron. Implementation of an OR Crisis Management Training Program.
- Buss, Sheldon. Improving NORA Prone Positioning Practices to Prevent Injury
- 2020-2022 Kinzie, Janet. Improved Screening for Anesthesia Services for Gastrointestinal Procedures.
- Mazetta, Lucy. Decreasing Red Blood Cell Wastage for Cardiothoracic Surgical Services.
- Owen, Chelsea. Improving Anesthesia Machine Safety Practices.
- Schlager, Jessica. MRI Anesthesia Patient Safety Checklist.
- Mahoney, Thomas. Fire Safety in an Ambulatory Surgery Center.
- 2017-2019 Klienmeyer, Misty. Implementing a Second Victim Support System for Anesthesia Providers.
- McKibben, Channon. Learning from Excellence.
- 2016-2018 Brockway, Matthew. Improving Patient Outcomes with Implementation of Handoff Checklist.
- Sims, Mathew. Decision Tree to Treat PONV in Pediatric Patients.
- 2015-2017 Blaylock, Benjamin. Implementation of Stanford Emergency Manuals with Simulation.
- Mueller, Matthew. Implementation of the Stanford Emergency Manual.
- 2014-2016 Hall, Nick. Incorporating Emergency Manuals into Rural Hospital Practice Using Simulation.
- 21013-2015 Clark, Tacie. Decision Ladder for Administration of Acetaminophen for Postoperative Pain.
- Sara, Griffin. Perioperative Identification and Consultation of Opioid Tolerant Patients.
- VanSickle, Brittany. Simulation to Prepare Anesthesia Students for Crisis Situations.
- Ripley, Lauren. Standardization of Communication Between Anesthesia and PACU.

DNP Project Committee Member, Graduates of Anesthesia Nursing Program

- 2025 Kutansky, Tara. Addressing Postpartum Hemorrhage in Iowa Hospital Through Simulation
- Latus (Charles), Vanessa. Reducing Surgical Site Infections in Colorectal Surgical Patients
- Mvundura, Moline. Improving Institutional Preparedness to Manage Postpartum Hemorrhage
- 2024 Thornburg, Justin. Improving Vascular Access at the Iowa City Veterans Affairs Medical Center
- Wevik, Carter. Difficult Airway Management Simulation.
- Demmer, Brittany. Addressing Mental Wellness in Student Registered Nurse Anesthetists (SRNAs)

- Young, Jordan. Establishing Best Perioperative Practices for Breastfeeding Patients
- 2023 Delpierre, Aimee. Code Hemorrhage: Protocol Implementation.
Fennell, Sara. UIHC Perioperative Antibiotic Stewardship for Surgical Inpatients
Hayworth, Collee. Perioperative Blood Glucose Management.
Hickman, Nicole. Perioperative Infection Control Guidelines and Implementation.
Irish, Leah. Improving Anesthesia Perioperative Evaluation for Older Adults
Jude, Gabriella. Implementation of OB Emergency Manual in a Rural Hospital Setting
Niles, Erin. Management of Procedural Burn Pain at UIHC.
Soto, Deyvi. Increasing Diversity in the CRNA profession.
Tuttle, Tyler. Implementation of the Stanford OB Manual in a Rural Iowa Hospital.
Vitale, Sabrina. Pediatric Emergence Delirium Scale Implementation.
Willard, Jensen. Optimizing Safety in Non-Operating Room Anesthesia (NORA) locations.
- 2022 Burns, Brittany. Improving Compliance with Perioperative Infection Control Best Practices
DeMoss, Michael. Massive Transfusion Protocol Workflow for the Adult ICU's at UIHC.
Gitau, Alex. Difficult Airway Management in the Intensive Care Unit
- 2021 Labernik, John. Perioperative Blood Glucose Management.
Giovannini, Paul. Improving Operating Room Crisis Management.
Roehrs, Katlin. Improving OR-PACU handoff between Anesthesia and Nursing Personnel
- 2020 Sacquitne, Andrew. Ensuring Ethical Management of Perioperative Do Not Resuscitate (DNR) Requests.
Kayvani, Jasmine. Integrating the Stanford Emergency Manual (SEM).
Kasi, Elvis. Perioperative Blood Glucose Monitoring and Management.
Villanueva, David. Perioperative Allergy Verification.
Sherrill, John. Implementation of Enhanced Recovery After Surgery for Gynecological Surgery.
Schippers, Laura. Improving Surgical Blood Ordering Practice.
- 2017 Niemann, Christina. Procedure Pass: A Systematic Checklist for Perioperative Services.
Brown, Lindsay. A Perioperative Venous Thromboembolism Prophylaxis Initiative.
- 2016 Langel, Austin. Development and Implementation of an Ultrasound-Guided Regional Anesthesia Simulation for Student Registered Nurse Anesthetists.
Mara, Amanda. Updating Moderate Procedural Sedation Education, Testing, and Monitoring Practices at UIHC for Non-Anesthesia Providers.
- 2015 Cardella, Francesco. Music Listening for Anxiety Reduction in the Preoperative Setting.
Burds, Joseph. Enhanced Recovery After Surgery Implementation in Rural Iowa.

- Brumleve, Lena. Post Anesthesia Care Unit Discharge Efficiency.
- Meyers, Seth. Evaluation of Local Anesthetic Allergies.
- Swanson, Dana. Creating Support for the Second Victim of Adverse Healthcare Events.
- 2014 Tweedy, Sarah Perioperative Pressure Injury Prevention: An Evidence-Based Approach.
- Day, Jane. Perioperative Glycemic Control Recommendations.
- Hansen, Kristin. Implementation of Anesthesia Machine Checkout in Satellite Areas.
- Kudej, Lindsey. Recommendations for Invasive Line Pressure Tubing Solution.
- Peters, Shandi. Defining the Roles and Responsibilities During an Intraoperative Code.
- Robertson, Nicole. Improving Preoperative Documentation of Advance Directives.
- Rowberry, Jake. Neuromuscular Transmission Monitoring in the ICU.
- Schoening, Shannon. Antibiotic Re-dosing Recommendations for Anesthesia Providers.
- Scholl, Daniel. Dosing for Stress Steroid Replacement: An Evidence Based Algorithm.
- 2013 Dailey, Sarah. A Team-Based Approach for Anesthesia Emergencies: Cognitive Aids for Perioperative Critical Events.
- Kuntz, Jennifer. Nursing Action Plan for a Difficult Airway.
- Schettler, Jonathon. Implementation of Capnography Monitoring for Procedural Sedation.
- Westermann, Elizabeth. Anesthesia Practice Recommendations for Pediatric Patients with Respiratory Infections.
- Williams, Christine. Perioperative Lidocaine Infusions as an Analgesic Adjunct for Colorectal Surgery.
- 2012 Carne, Kristin. Development of a Pediatric Specific Pre-anesthesia Evaluation Tool.
- Gallion, Mark. Oxygenation and Ventilation: Education for Non-Anesthesia Providers.
- Holst, Laura. Improving Communication In the Operating Room.
- Pomeroy, Michael. Anesthesia Guideline for Functional Endoscopic Sinus Surgery.
- Schultz, Seth. Improving Hand Hygiene of Operating Room Personnel.
- Stuit, Denise. A Proposal for an Impaired Provider Prevention Program.
- Thomas, Diana. Prone Pressure Injury Awareness Campaign.
- 2011 Abolanle, Ojelade. Ultrasound-Guided Regional Anesthesia: Benefits for Practice.
- Miller, Ramona. Development of a Scale to Determine Risk for Developing a Hospital Acquired Pressure Ulcer During Surgery.
- Wellcome, Melissa. Electronic Anesthesia Education.
- Megan, Kakela. Identifying Risk Factors and Incidence of OR Generated Hospital Acquired Pressure Ulcers.

Smith, Haley. An Advocacy and Assistance Program: A Non-disciplinary Approach to Impaired Providers in Iowa.

DNP Project Committee Member for Graduates, Postgraduate Certificate DNP Program

- 2022 Kinzie, Janet. Improved Screening for Anesthesia Services for Gastroenterology Procedure.
Wolterman, Lisa. Improving Difficult Intravenous Access for Veterans Using Ultrasound.
- 2019 Mahon, Melissa. Implementation of an ERAS in a Critical Access Hospitals
- 2018 Khoo, Kristin Implementation of Stanford Emergency Manuals.
Harlan, Pegah. Improving the Preoperative Anesthesia Assessment Process in Rural Hospitals
- 2016 Fear, Kathy. Radiation Safety Education for Fluoroscopy: ARNP Compliance with New Requirements
- 2013 Barnet, Shawna. Anesthesia Quality Improvement in the Rural Hospital Setting.

Georgetown University

Doctor of Nursing Practice Committee Membership

- 2023-2025 Joe Gaudette, Emily Newell & Chase Noye. Perceptions and use of a reader for emergency manual use during an Intraoperative emergency. Third reader
- 2020-2022 Brandon Boykin & Alexandra Pezzi. Emergency Cognitive Aid Use Among CRNAs and Barriers to Utilization in the Perioperative Environment. Third Reader.
- 2018-2020 Kristin Lakatos. Cognitive Aid Education and Uptake by CRNAs. Third Reader.

Advisement

Student Advisement

- 2024-present Michele Schlitz – Postgraduate Certificate Graduate – Post Masters DNP Program
- 2020-2023 Kinzie, Janet – Postgraduate Certificate Graduate – Post Masters DNP Program