Heather L. Bair DNP, ARNP, CRNA, CHSE
Clinical Assistant Professor and Associate Director
Doctor of Nursing Practice Program in Anesthesia Nursing
University of Iowa College of Nursing
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Iowa City, Iowa 52242
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EDUCATION

2011 DNP   University of Iowa College of Nursing, Iowa City, Iowa
DNP Project Title: Implementation of a Pre-anesthesia Checklist Utilizing Anesthesia
Patient Safety Foundation (APSF) Guidelines

2005 MSN   University of Iowa College of Nursing, Iowa City, Iowa
Area of Emphasis: Nurse Anesthesia

1997 BSN   University of Iowa College of Nursing, Iowa City, Iowa

LICENSURE

1997-present Iowa Board of Nursing, RN #099562

2005-present Iowa Board of Nursing, ARNP #D099562

2005-present Iowa Board of Pharmacy Controlled Substance DEA #MB21277347

2005-present Federal Controlled Substance DEA #IMB1277347

CERTIFICATIONS

2019-present Society for Simulation and, Healthcare (SSH), Certified Healthcare Simulation
Educator (CHSE)

2005-present National Board on Certification and Registration of Nurse Anesthetists
(NBCRNA), Certified Registered Nurse Anesthetist (CRNA)

2002-present American Heart Association, Pediatric Advanced Life Support (PALS)

2002-present American Heart Association, Advanced Cardiovascular Life Support (ACLS)

PROFESSIONAL EXPERIENCE

Academic Appointments

2011-present Assistant Clinical Professor, University of Iowa College of Nursing, Iowa City, Iowa

Administrative Appointments

2011-present Associate Program Director, University of Iowa College of Nursing, Anesthesia Nursing DNP Program, Iowa City, IA

Clinical Appointments

2005-present Certified Registered Nurse Anesthetist (CRNA), University of Iowa Hospitals & Clinics, Iowa City, Iowa

1997-2002 Registered nurse (RN), University of Iowa Hospitals and Clinics, Iowa City, Iowa

HONORS AND AWARDS

2021 Collegiate Teaching Award, University of Iowa College of Nursing. Recognizes College of Nursing faculty with three or more years of experience who goes above and beyond expected teaching responsibilities and inspires students.

2019 College of Nursing Clinical Track Teaching Excellence Award, University of Iowa College of Nursing. Honors faculty who exemplifies teaching excellence and going above and beyond traditional and required teaching responsibilities.

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.

GRANTS AND SPONSORED PROJECTS

Scientific and Educational Research Grants

Intramural Research Grants

Funded

2021-2022 Psychometric Evaluation: Innovativeness Across Academia and Practice for Progress Scale (IA-APPS). (PI): L. Joseph, (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. (PI): C. Shaw, (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. (PI): C. Shaw (Co-I's): H.Bair & K. Knox. Sigma Theta Tau International (STTI) / Council for Advancement of Nursing Science (CANS), $5,000.

SCHOLARSHIP

Publications

Journal articles *(*data-based)*
1. 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.

2. *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.

3. *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.

4. *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.

Letters to the Editor

1. 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

Textbook Chapters

1. O'Sullivan, C., **Bair, H.L**., (in press). Crisis Resource Management and Patient Safety. In Nagelhout, J., Elisha, S., & Heiner, J. *Nurse Anesthesia 7th ed*.

Presentations

International
1. 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]

2. 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]

3. 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]

4. 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. **H.Bair,** & B. Clayton (2021). Improving the Management of Anesthesia Emergencies Series: Obstetrical Emergency Simulation. American Association of Nurse Anesthetists (AANA) Annual Congress, Austin, Texas. [Podium Presentation with accompanying Simulation Lab] *Event Cancelled due to COVID-19 Pandemic.*

2. 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], *Event canceled due to COVID-19 Pandemic*.

3. **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 with Simulation Lab], *Event canceled due to COVID-19 Pandemic.*

4. **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]

5. **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]

6. **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]

7. 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].

8. **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].

9. **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**. (2021) Creating Your Stress SOS Plan. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Iowa City, Iowa. [Podium Presentation].

2. **Bair, H**. (2018). Fire in the Operating Room: A Never Event. Illinois Association of Nurse Anesthetists (IANA) Spring meeting, Normal, Illinois. [Podium Presentation].

3. **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].

4. **Bair, H**. (2016). Non-Obstetric Surgery During Pregnancy. Iowa Association of Nurse Anesthetists (IANA) Spring Educational Meeting, Des Moines, Iowa. [Podium Presentation].

5. **Bair, H**. (2016). Evidence Based Practice in Anesthesia: Optimizing Outcomes. Iowa Association of Nurse Anesthetists (IANA) Spring Meeting, Des Moines, Iowa. [Podium Presentation].

6. **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].

7. **Bair, H**. (2015). Fire in the Operating Room: A Never Event. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].

8. **Bair. H**. (2014). Retrobulbar Block Complications. Iowa Association of Nurse Anesthetists (IANA) Fall Meeting, Des Moines, Iowa. [Podium Presentation].

9. **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.** (2021). Setting the Stage for Learning: The Pre-brief. Obstetrical Interdisciplinary Team Simulation Training Course. University of Iowa Health Care, Iowa City, Iowa. [Virtual Workshop].

2. **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].

3. **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].

4. **Bair H.** (2021). Simulation Design. Introduction to Team Simulation Design and Debriefing Course. University of Iowa Health Care (UIHC), Iowa City, Iowa. [Virtual Workshop].

5. **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].

6. **Bair H.** (2020). Advanced Cardiac Life Saving (ACLS) Overview. University of Iowa Healthcare (UIHC), Stead Family Children's Hospital. Iowa City, Iowa. [Podium Presentation].

7. **Bair H.** (2020). Advanced Cardiac Life Saving (ACLS) Overview. University of Iowa Healthcare (UIHC), Ambulatory Surgery Center. Iowa City, Iowa. [Podium Presentation].

8. **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].

9. **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].

10. **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].

11. 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].

12. **Bair, H.** (2019). Debriefing and Feedback. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Podium Presentation].

13. 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].

14. 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].

15. 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].

16. 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].

17. **Bair, H.** & Thenuwara, K. (2019) Simulation Design. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Workshop].

18. 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].

19. 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].

20. **Bair, H**. (2019). Airway Management Skills Lab: Visiting Scholars from the Netherlands, Nursing Clinical Education Center (NCEC), Iowa City, Iowa. [Workshop].

21. **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].

22. **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].

23. **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, [Pane Discussion]

24. **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].

25. **Bair, H.** (2018) Fire in the Operating Room: A Never Event. Presentation. University of Iowa Health Care (UIHC), Main Operating Room, Iowa City, Iowa. [Podium presentation].

26. **Bair, H.** (2018). Debriefing and Feedback. Team Simulation Design and Debriefing (TSDD) Course, University of Iowa Health Care (UIHC), Iowa City, Iowa. [Podium Presentation].

27. 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].

28. 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].

29. 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].

30. 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].

31. **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].

32. Leonard, P., **Bair, H.,** Vandeberg, 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].

33. Leonard, P., **Bair, H.**, Petit, J., Vandeberg, 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].

34. **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]

35. **Bair, H**. (2015). Nurse Monitored Sedation. University of Iowa Health Care Ambulatory Surgery Center, Iowa City, Iowa. [Presentation].

36. **Bair, H**. (2015). Fire in the Operating Room: A Never Event. Ambulatory Surgery Center, Iowa City, Iowa. [Presentation].

37. **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 of Scholarly Products

2021   Peer reviewer for the AANA Journal

2020   Peer reviewer for Journal of PeriAnesthesia Nursing (JOPAN) since 2020.

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

Expert Consultation

2021 National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) Continued Professional Certification (CPC) Re-entry to Practice Program. Expert reviewer for evaluating the role of screen-based simulation (SBS) for use within nurse anesthesia recertification and reentry programs.

2020   AANA Simulation Subcommittee Pre-anesthesia Checkout (PAC) Competency Evaluation for Student Registered Nurse Anesthetists (SRNAs). Content validity expert in a research project which aims to develop a common assessment tool for SRNAs across anesthesia nursing programs.

2019   National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) Continued Professional Certification (CPC) Re-entry to Practice Program. Expert content validity reviewer of simulation competency checklist for CRNAs who seek re-entry into nurse anesthesia practice.

2015   Anesthesia Patient Safety Foundation (APSF) Consensus Conference on Implementing Emergency Manuals/Checklists, Scottsdale, Arizona. Invited expert. Attendees and faculty worked to help ASPF issue a consensus statement on the use of cognitive aid in the operating room which was published in the February 2016 APSF newsletter. (http://www.apsf.org/newsletters/html/2016/February/08_EmerManuals.htm).

Professional Memberships

2021-present International Nursing Association for Clinical Simulation and Learning (INACSL)

2017-present Society for Simulation in Healthcare (SSH)

2005-present   American Association of Nurse Anesthetists (AANA)

2005-present   Iowa Association of Nurse Anesthetists (IANA)

1997-present   Sigma Theta Tau International Honor Society of Nursing, Gamma Chapter

National Service

2019-present   National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) National Certification Exam (NCE) Item Writing Committee, Member.

2016 - 2019   National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) Self-Evaluation Examination (SEE) Item Writing Committee, Chair

2013 - 2016   National Board of Certification and Recertification of Nurse Anesthetists (NBCRNA) Self-Evaluation Examination (SEE) Item Writing Committee, Member

University Service

2018, 2019   Summer Health Professions Education Program (SHPEP) Nursing Faculty Panel, Expert Panel

2014-2017   Clinical Beginnings, University of Iowa Interprofessional Education (IPE) Event, Faculty Facilitator

University of Iowa Healthcare

2020-present   Anesthesia Skills Workshop CME Activity Planning Committee, member

2017-present   Anesthesia Department Wellness Committee, Co-Chair

2017-2020   Wellness Ambassador to the liveWell Program

2017-Present   University of Iowa Healthcare (UIHC) Anesthesia Department Wellness Committee Co-Chair.

2015-Present   University of Iowa Health Care (UIHC) Obstetrics Interprofessional Simulation Team, Member

Collegiate Service

University of Iowa College of Nursing

   Task Forces and Ad Hoc Committees

2020	College of Nursing Mission Statement Revision Taskforce, Member
2017	DNP Curriculum workgroup, Member

Standing Committees

2020-present	Scholarship Subcommittee, Chair, Appointed
2015-present	AG-ACNP Admissions/Progression Subcommittee, Member, Appointed
2015-2016	CON Program Evaluation Taskforce, Member
2014-2020	Scholarship Subcommittee, Member
2012-present	Anesthesia Nursing Admissions/Progression Subcommittee, Member

TEACHING

Instructional Activities

Course Instruction *(number of students), *new course development*

Fall 2020
NURS:6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate. (11).
NURS:6826:0EXC Doctor of Nursing Practice Project I. Faculty. Graduate. (4).

Summer 2020
NURS:6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (11).

Spring 2020
NURS: 6004 Scientific Principles Anesthesia Practice. Primary Instructor. Graduate. (11).
NURS: 6829 Doctor of Nursing Practice Project IV. Faculty. Graduate. (6).

Fall 2019
NURS:6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate. (11).
NURS:6828:0EXD. Doctor of Nursing Practice Project III. Graduate. Faculty. (6)

Summer 2019
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (11).

Spring 2019
NURS: 6004 Scientific Principles Anesthesia Practice. Primary Instructor. Graduate. (11).
NURS: 6825 Doctor of Nursing Practice Project. Faculty. Graduate. (2).
NURS: 6827 Doctor of Nursing Practice Project II. Faculty. Graduate. (6).

Fall 2018
NURS: 6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate. (11).
NURS: 6825 Doctor of Nursing Practice Project. Faculty. Graduate. (2).
NURS: 6826 Doctor of Nursing Practice Project I. Faculty. Graduate. (6).

Summer 2018
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (11).

Spring 2018
NURS: 6016 Equipment & Tech Principles of Anesthesia Practice. Primary Instructor. Graduate. (11).
NURS: 6825 Doctor of Nursing Practice Project. Faculty Instructor. (2).
NURS: 6825 Doctor of Nursing Practice Project. Faculty Instructor. Graduate. (3).

Fall 2017
NURS: 6005 Chemical & Physical Principles of Anesthesia Practice. Primary Instructor. Graduate. (11).
NURS: 6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate. (9).
NURS: 6825 Doctor of Nursing Practice Project. Faculty. Graduate.(3).

Summer 2017
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).

Spring 2017
NURS: 6016 Equipment & Technological Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).
NURS: 6825 Doctor of Nursing Practice Project. Primary Instructor. Graduate. (6).

Fall 2016
NURS: 6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate (10).
NURS: 6825 Doctor of Nursing Practice Project. Primary Instructor. Graduate. (2).

Summer 2016
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).

Spring 2016
NURS: 6016 Equipment & Technological Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).

Fall 2015
NURS: 6010 Advanced Principles Anesthesia Practice I. Primary Instructor. Graduate. (10).

Summer 2015
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).

Spring 2015
NURS: 6016 Equipment and Technological Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).
NURS: 6052 Clinical Anesthesia II. Primary Instructor. (9).

Fall 2014
NURS: 6012 Advanced Principles of Anesthesia Practice II. Primary Instructor. Graduate. (10).

NURS: 6051 Clinical Anesthesia I. Primary Instructor. Graduate. (10).

Summer 2014
NURS: 6007 Basic Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).

Spring 2014
NURS: 6016 Equipment and Technological Principles of Anesthesia Practice. Primary Instructor. Graduate. (10).
NURS: 6052 Clinical Anesthesia II. Primary Instructor. Graduate. (10).

Fall 2013
NURS: 6012 Advanced Principles of Anesthesia Practice II. Primary Instructor. Graduate. (10).
NURS: 6051 Clinical Anesthesia I. Primary Instructor. Graduate. (10).

Summer 2013
NURS: 6050 Introductory Clinical Anesthesia. Primary Instructor. Graduate. (10).
NURS: 6055 Rural Anesthesia. Primary Instructor. Graduate. (12).

Invited Guest Lectures

Fall 2021
PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease". Graduate.
NURS: 6701 Advanced Practice Clinical Practicum I. "Airway Management Simulation Lab". Graduate.
NURS: 5038 Advanced Diagnostic and Therapeutic Procedures for Acute Care. "Airway Management Simulation Lab". Graduate

Fall 2020
PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease". Graduate.
NURS: 6701 Advanced Practice Clinical Practicum I. "Airway Management Simulation Lab". Graduate.

Fall 2019
NURS:3518 Pathophysiology. "Cardiovascular Physiology". Undergraduate BSN Program.
NURS:3518 Pathophysiology. "Pulmonary Physiology". Undergraduate BSN Program.

PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease". Graduate.
NURS: 6701 Advanced Practice Clinical Practicum I. "Airway Management Simulation Lab". Graduate.

Spring 2019
NURS:3518 Pathophysiology. "Cardiovascular Physiology". Undergraduate BSN Program.
NURS:3518 Pathophysiology. "Pulmonary Physiology". Undergraduate BSN Program.

Fall 2018
NURS:3518 Pathophysiology. "Cardiovascular Physiology". Undergraduate BSN Program.
NURS:3518 Pathophysiology. "Pulmonary Physiology". Undergraduate BSN Program.
NURS: 6701 Advanced Practice Clinical Practicum I. "Airway Management Simulation Lab". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease". Graduate.

Spring 2018
NURS:3518 Pathophysiology. "Cardiovascular Physiology". Undergraduate BSN Program.
NURS:3518 Pathophysiology. "Pulmonary Physiology". Undergraduate BSN Program.

Fall 2017
NURS:3518 Pathophysiology. "Cardiovascular Physiology". Undergraduate BSN Program.
NURS: 6701 Advanced Practice Clinical Practicum I. "Airway Management Simulation Lab". Graduate.
NURS: 6701 Advanced Practice Clinical Practicum I. "Central Venous Access Simulation Lab". Graduate
PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Central and Peripheral Mechanisms of Hypertension". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Antihypertensive Agents". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Regulation of Coronary Blood Flow". Graduate.
PCOL:6203 Pharmacology for Graduate Students. "Treatment of Coronary Heart Disease". Graduate.

Fall 2016
PCOL:6203 Pharmacology for Graduate Students. "Clinical Application Session: Hypertension and Coronary Heart Disease". Graduate.

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

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

Mentoring

Undergraduate Mentoring
 2015-2017   BSN Faculty Mentorship Program, Faculty
 2014-2016   Sigma Theta Tau Gamma BSN Mentorship Program, Faculty

Graduate Mentoring

DNP Project Mentorship

University of Iowa College of Nursing

2019-2020   Kayvani, Jasmine - Graduate – Anesthesia Nursing Program. Integrating the Stanford Emergency Manual (SEM).

2019-2020   Kleinmeyer, Misty - Graduate - Anesthesia Nursing Program
Implementing a Second Victim Support System for Anesthesia Providers.

2017-2018   Mara, Amanda – Graduate- Anesthesia Nursing Program
Updating Moderate Procedural Sedation Education, Testing, and Monitoring Practices at UIHC or Non-Anesthesia Providers

2017-2018   Mueller, Matthew – Graduate - Anesthesia Nursing Program.
Implementation of the Stanford Emergency Manuals in the Perioperative Setting

2015-2016   Hall, Nick - Graduate - Anesthesia Nursing Program.
Incorporating Emergency Manuals into Rural Hospital Practice Using Simulation

2015-2016   VanSickle, Brittany – Graduate – Anesthesia Nursing Program.
Simulation to Prepare Anesthesia Students for Crisis Situations

Georgetown University

2020-present   Brandon Boykin, Alexandra Pezzi – Graduate Student Class of 2022 – Doctor of Nurse Anesthesia Practice Program. Emergency Cognitive Aid Use Among CRNAs and Barriers to Utilization in the Perioperative Environment. Third Reader.

2018-2019   Kristin Lakatos- Graduate - Doctor of Nurse Anesthesia Practice Program. Cognitive aid education and uptake by CRNAs. Third Reader.

DNP Project Chair

University of Iowa College of Nursing

2017-2019   Klienmeyer, Misty - Graduate - Anesthesia Nursing Program.
Implementing a Second Victim Support System for Anesthesia Providers.

2017-2019   McKibben, Channon - Graduate - Anesthesia Nursing Program.
Learning from Excellence.

2016-2018   Brockway, Matthew – Graduate - Anesthesia Nursing Program.
Improving Patient Outcomes with Implementation of a Handoff Checklist.

2017-2019   Sims, Mathew - Graduate – Anesthesia Nursing Program.
Decision Tree to Treat PONV in Pediatric Patients.

2015-2017   Blaylock, Benjamin – Graduate - Anesthesia Nursing Program.
Implementation of Stanford Emergency Manuals with Simulation.

2015-2017   Mueller, Matthew – Graduate - Anesthesia Nursing Program.
Implementation of the Stanford Emergency Manual in the Perioperative Setting.

2015-2016   Hall, Nick - Graduate - Anesthesia Nursing Program.
Incorporating Emergency Manuals into Rural Hospital Practice Using Simulation.

2013-2015   Clark, Tacie - Graduate - Anesthesia Nursing Program.
Decision Ladder for Administration of Acetaminophen for Postoperative Pain.

2013-2015   Sara, Griffin - Graduate - Anesthesia Nursing Program.
Perioperative Identification and Consultation of Opioid Tolerant Patients.

2013-2015   VanSickle, Brittany – Graduate – Anesthesia Nursing Program.
Simulation to Prepare Anesthesia Students for Crisis Situations.

2013-2015   Ripley, Lauren - Graduate - Anesthesia Nursing Program.
             Standardization of Communication Between Anesthesia and PACU.

DNP Project Committee Member

University of Iowa College of Nursing

2020   Sacquitne, Andrew- Graduate – Anesthesia Nursing Program.
        Ensuring Ethical Management of Perioperative Do Not Resuscitate (DNR) Requests.

2020   Kayvani, Jasmine - Graduate – Anesthesia Nursing Program.
        Integrating the Stanford Emergency Manual (SEM).

2020   Kasi, Elvis - Graduate – Anesthesia Nursing Program.
        Perioperative Blood Glucose Monitoring and Management.

2020   Villanueva, David – Graduate - Anesthesia Nursing Program.
        Perioperative Allergy Verification.

2020   Sherrill, John – Graduate- Anesthesia Nursing Program.
        Implementation of Enhanced Recovery After Surgery for Gynecological Surgery.

2020   Schippers, Laura – Graduate – Anesthesia Nursing Program.
        Improving Surgical Blood Ordering Practice.

2019   Mahon, Melissa - Graduate - Anesthesia Nursing Program.
         Implementation of an Enhanced Recovery After Surgery Program for Knee
        Replacement Patients in a Critical Access Hospitals

2019   Niemann, Christina - Graduate - Anesthesia Nursing Program.
        Procedure Pass: A Systematic Checklist for Perioperative Services

2018   Langel, Austin – Graduate -Anesthesia Nursing Program.
        Development and Implementation of an Ultrasound-Guided Regional Anesthesia
        Simulation for Student Registered Nurse Anesthetists.

2018   Khoo, Kristin- Postgraduate Certificate– Post Masters DNP Program.
         Implementation of Stanford Emergency Manuals- A Change in Culture to Increase
        Patient Safety.

2018   Mara, Amanda – Graduate- Anesthesia Nursing Program.
        Updating Moderate Procedural Sedation Education, Testing, and Monitoring Practices
        at UIHC for Non-Anesthesia Providers.

2018   Harlan, Pegah – Postgraduate Certificate– Post Masters DNP Program.

Improving the Preoperative Anesthesia Assessment Process in Rural Hospitals.

2017   Cardella, Fransesco -Graduate- Anesthesia Nursing Program.
Music Listening for Anxiety Reduction in the Preoperative Setting.

2017   Burds, Joseph - Graduate - Anesthesia Nursing Program.
Enhanced Recovery After Surgery Implementation in Rural Iowa.

2017   Brumleve, Lena - Graduate - Anesthesia Nursing Program.
Post Anesthesia Care Unit Discharge Efficiency.

2017   Meyers, Seth - Graduate - Anesthesia Nursing Program.
Evaluation of Local Anesthetic Allergies.

2017   Swanson, Dana - Graduate - Anesthesia Nursing Program.
Creating Support for the Second Victim of Adverse Healthcare Events.

2017   Tweedy, Sarah - Graduate - Anesthesia Nursing Program.
Perioperative Pressure Injury Prevention: An Evidence-Based Approach.

2016   Day, Jane - Graduate - Anesthesia Nursing Program.
Perioperative Glycemic Control Recommendations.

2016   Fear, Kathy - Postgraduate Certificate– Post Masters DNP Program.
Radiation Safety Education for Fluoroscopy: ARNP Compliance with New Requirements

2016   Hansen, Kristin - Graduate - Anesthesia Nursing Program .Implementation of
Anesthesia Machine Checkout in Satellite Areas.

2016   Kudej, Lindsey - Graduate - Anesthesia Nursing Program.
Recommendations for Invasive Line Pressure Tubing Solution.

2016   Peters, Shandi - Graduate - Anesthesia Nursing Program.
Defining the Roles and Responsibilities of Intraoperative Personnel During a Code.

2016   Robertson, Nicole - Graduate - Anesthesia Nursing Program.
Improving Preoperative Documentation of Advance Directives.

2016   Rowberry, Jake - Graduate - Anesthesia Nursing Program.
Neuromuscular Transmission Monitoring in the ICU.

2016   Schoening, Shannon - Graduate - Anesthesia Nursing Program.
Peri-operative Antibiotic Re-dosing Education and Recommendations for Anesthesia
Providers.

2016   Scholl, Daniel - Graduate - Anesthesia Nursing Program.
       Appropriate Dosing for Stress Steroid Replacement Therapy: An Evidence Based
       Algorithm.

2015   Dailey, Sarah - Graduate - Anesthesia Nursing Program.
       A Team-Based Approach for Anesthesia Emergencies: Cognitive Aids for Perioperative
       Critical Events.

2015   Kuntz, Jennifer - Graduate - Anesthesia Nursing Program.
       Nursing Action Plan for a Difficult Airway.

2015   Schettler, Jonathon - Graduate - Anesthesia Nursing Program.
       Implementation of Capnography Monitoring for Procedural Sedation.

2015   Westermann, Elizabeth - Graduate - Anesthesia Nursing Program.
       Anesthesia Practice Recommendations for Pediatric Patients with Respiratory
       Infections.

2015   Williams, Christine - Graduate - Anesthesia Nursing Program.
       Perioperative Lidocaine Infusions as an Analgesic Adjunct for Colorectal Surgery.

2014   Carne, Kristin - Graduate - Anesthesia Nursing Program.
       Development of a Pediatric Specific Pre-anesthesia Evaluation Tool.

2014   Gallion, Mark - Graduate - Anesthesia Nursing Program.
       Oxygenation and Ventilation: Education for Non-Anesthesia Providers.

2014   Holst, Laura - Graduate - Anesthesia Nursing Program.
       Improving Communication In the Operating Room.

2014   Pomeroy, Michael - Graduate - Anesthesia Nursing Program.
       Anesthesia Guideline for Functional Endoscopic Sinus Surgery.

2014   Schultz, Seth - Graduate - Anesthesia Nursing Program.
       Improving Hand Hygiene of Operating Room Personnel.

2014   Stuit, Denise - Graduate - Anesthesia Nursing Program.
       A Proposal for an Impaired Provider Prevention Program.

2014   Thomas, Diana - Graduate - Anesthesia Nursing Program.
       Prone Pressure Injury Awareness Campaign to Reduce Operating Room Pressure Ulcer
       Incidence.

2013   Abolanle, Ojelade - Graduate - Anesthesia Nursing Program.
       Ultrasound-Guided Regional Anesthesia: Benefits for Practice.

2013   Miller, Ramona - Graduate - Anesthesia Nursing Program –
Development of a Scale to Determine Risk for Developing a Hospital Acquired Pressure
Ulcer During Surgery.

2013   Wellcome, Melissa - Graduate - Anesthesia Nursing Program.
Electronic Anesthesia Education.

2013   Barnet, Shawna – DNP Postgraduate Certificate- DNP Program.
Anesthesia Quality Improvement in the Rural Hospital Setting.

2013   Megan, Kakela - Graduate - Anesthesia Nursing Program.
Identifying Risk Factors and Incidence of OR Generated Hospital Acquired Pressure
Ulcers.

2013   Smith, Haley - Graduate - Anesthesia Nursing Program.
An Advocacy and Assistance Program: A Non-disciplinary Approach to Impaired
Providers in Iowa.

Student Advisement

2020-present Kinzie, Janet – Postgraduate Certificate Student– Post Masters DNP Program