

## **CURRICULUM VITAE**

Jacinda Lea Bunch, PhD, RN, SANE-A, NREMT

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College of Nursing, 384 CNB  
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*Assistant Professor, Department of Nursing and Patient Services – Adjunct Appointment*  
University of Iowa Hospitals and Clinics  
Iowa City, Iowa 52242

Updated January 2025

### **EDUCATION**

Doctor of Philosophy in Nursing  
2014, PhD, University of Iowa, Iowa City, IA  
Dissertation - Realistic Evaluation of Rapid Response Teams

Master of Science  
2008, MS(N), University of Missouri – Sinclair School of Nursing, Columbia, Missouri  
Program - Leadership in Nursing and Healthcare Systems

Bachelor of Science in Nursing  
2006, BSN, University of Missouri – Sinclair School of Nursing, Columbia, Missouri

Associate of Applied Sciences in Nursing Science  
1992, AAS, Lincoln University, Jefferson City, Missouri

### **LICENSURE**

2009 – 2027, Iowa Board of Nursing, RN, 121874

2001 – 2005, Nebraska Board of Nursing, RN, 124178

1992 – 2010, Missouri Board of Nursing, 58847

### **CERTIFICATIONS**

2022 – 2026, Iowa Department of Public Health, Bureau of Emergency and Trauma Services,  
Emergency Medical Technician, EMT4003984

2022 – 2026, National Registry of Emergency Medical Technicians, Emergency Medical Technician,  
E3683879

2021 – 2026 International Association of Forensic Nurses, Sexual Assault Nurse Examiner – Adult

2001 – 2004, National Commission on Correctional Healthcare, Certified Correctional Healthcare Professional

## **PROFESSIONAL EXPERIENCE**

### **Academic Appointments**

2024 – Present, Clinical Assistant Professor, University of Iowa College of Nursing, Iowa City, Iowa

2019 – 2024, Assistant Professor, University of Iowa College of Nursing, Iowa City, Iowa

2015 – 2019, Associate Faculty, University of Iowa College of Nursing, Iowa City, Iowa

2012 – 2014, VA Quality Scholars Fellow, Iowa City Veterans Affairs Medical Center, Iowa City, IA

2009 – Present, Academic Associate – Adjunct Appointment, University of Iowa Healthcare, Iowa City, IA

2009 – 2015, Lecturer, University of Iowa College of Nursing, Iowa City, Iowa

### **Administrative Appointments**

2004 – 2009, Director of Patient Care – Orthopedics (Joint Replacement Center and Spine Center), Boone Hospital, Columbia, Missouri

2003 – 2004, Regional Administrator, Correctional Medical Services, Jefferson City, Missouri

2000 – 2003, Regional Infection Control Nurse & NCCHC Coordinator, Correctional Medical Services, Jefferson City, Missouri

1997 – 2000, RN/Legal Consultant, Correctional Medical Services, Jefferson City, Missouri

1995 – 1997, Manager of Central Missouri Case Management, Healthcare USA, Jefferson City, Missouri

### **Clinical Appointments**

2020 – Present, Sexual Assault Nurse Examiner, Johnson County Sexual Assault Response Team (JCSART), Iowa City, IA

2020 – 2022, Staff Nurse (PRN), University of Iowa Healthcare, Iowa City, IA

2020 – 2021, Lead RN Contact Tracer (Temporary), University of Iowa Healthcare, Iowa City, IA

2012 – 2014, Advanced Practice Nurse Supervisory, University of Iowa Healthcare, Iowa City, IA

2000 – 2003, Regional Infection Control Nurse & NCCHC Coordinator, Correctional Medical Services, Jefferson City, Missouri

1992 – 1995, Staff Nurse, Capital Region Medical Center, Jefferson City, Missouri

### HONORS AND AWARDS

2021, 2020-2021 Teaching Award Tenure Track, The Faculty Teaching Excellence Award honors a faculty member who exemplifies teaching excellence, University of Iowa College of Nursing

2020, Career Kudos Award, Student nomination for faculty and staff who assist students in preparing to achieve their career goals, University of Iowa Career Center

2019, Research and Clinical Partnership Award 2019-2020 - Co-awardees: Cormac O’Sullivan, PhD, CRNA, ARNP and April Prunty, PhD, RN, University of Iowa College of Nursing

2018, Best of Abstracts, 14th Annual International Conference on Rapid Response Systems & Medical Emergency Teams, International Society for Rapid Response Systems

2016, Poster Session Award, Top 3 posters at the 4th Annual Quality Improvement and Patient Safety Symposium: Innovating for Quality, Society of Hospital Medicine – Iowa Chapter, the University of Iowa Hospitals and Clinics Department of Internal Medicine, and the eHealth + eNovation Center

2015 – Best Poster – Runner Up, The 6th Annual Hospital Medicine Update, Society of Hospital Medicine – Iowa Chapter

2015, Dissertation/DNP Project Award, Health Systems, Policy & Informatics Research Section, Midwest Nursing Research Society

2008, Ruby Potter Memorial Award, Sigma Theta Tau Iota Chapter

2008, Warner-Thompson Fellowship in Nursing Administration, University of Iowa Sinclair School of Nursing

### SCHOLARSHIP

**Publications** (\* data-based, #student mentorship, underline senior author)

#### Journal articles

1. \* **Bunch, J. L.**, Gedney-Lose, A., Perkhounkova, Y., Sharp, B., Groves, P. S. Nurse Managers’ Professional Quality of Life During the COVID-19 Pandemic. (2024). *Western Journal of Nursing Research*. 46(3), 183-191. doi:10.1177/01939459241227264
2. **Bunch, J. L.**, & O’Sullivan, C.T. (2023) Leading improvements in rural healthcare through mobile simulation. *Nurse Leader*, 21(6), 664-667.
3. \* Groves, P. S., **Bunch, J. L.**, & Kuehnle, F. (2023). Increasing a patient's sense of security in the hospital: A theory of trust and nursing action. *Nursing Inquiry*, 30(4), e12569. <https://doi.org/10.1111/nin.12569>.
4. \* Liebzeit, D., Krupp, A., **Bunch, J.**, Tonelli, S., Griffin, E., McVeigh, S., ... & Buck, H.

- (2023). Rural age-friendly ecosystems for older adults: An international scoping review with recommendations to support age-friendly communities. *Health science reports*, 6(5), e1241.
5. \* Dunn, H., **Bunch, J. L.**, Linder, W., & Dukes, K. (2023). Rapid response systems at a long-term acute care hospital. *Clinical Nursing Research*, 10547738221144207.
  6. \* Leibzeit, D., Krupp, A., **Bunch, J.**, & Buck, H. (2023). Rural age friendly ecosystems: An international scoping review with recommendations to support age-friendly communities. *Innovation in Aging*, 6(Supplement 1), 839-839.
  7. \* Groves, P. S., **Bunch, J. L.**, Hanrahan, K.M., Sharp, B. A., & Sabadosa, K. A. & Williams, J. K. (2023). Patient voices in hospital safety during the COVID-19 pandemic. *Clinical Nursing Research*, 10547738221129711.
  8. \* Groves, P. S., **Bunch, J. L.**, & Sabin, J. A. (2021). Nurse bias and nursing care disparities related to patient characteristics: A scoping review of the quantitative and qualitative evidence. *Journal of Clinical Nursing*, 30(23-24), 3385–3397.  
<https://doi.org/10.1111/jocn.15861>
  9. \* Groves, P. S., **Bunch, J. L.**, Cannava, K. E, Sabadosa, K. A. & Williams, J. A. (2021). Nurse sensemaking for responding to patient and family safety concerns. *Nursing Research*, 70(2), 106–113. <https://doi.org/10.1097/NNR.0000000000000487>
  10. \* Groves, P. S., **Bunch, J. L.**, Sabadosa, K. A., Cannava, K. E., & Williams, J. K. (2021). A grounded theory of creating space for open safety communication between hospitalized patients and nurses. *Nursing Outlook*, 69, 4. 632-640.
  11. \* Groves, P. S., Farag, A., & **Bunch, J. L.** (2020). Strategies for and barriers to fatigue management among acute care nurses. *Journal of Nursing Regulation*, 11(2), 36-43.
  12. \* Dukes, K., **Bunch, J. L.**, Chan, P. S., Guetterman, T. C., Lehigh, J. L., Trumpower, B., Harrod, M., Krein, S., Kellenberg, J. E., Schacht-Reisinger, H., Kronick, S. L., Iwashyna, T. J., Nallamothe, B. K., Girotra, S. (2019). Assessment of rapid response teams at top-performing hospitals for in-hospital cardiac arrest. *JAMA Internal Medicine*, 179(10), 1398-1405. doi:10.1001/jamainternmed.2019.2420 [co-first author]
  13. Subbe, C., Bannard-Smith, J., **Bunch, J. L.**, Champunot, R., DeVita, M. A., Durham, L., Edelson, D. P., Gonzalez, I., Hancock, C., Haniffa, R., Hartin, J., Haskell, H., Hogan, H., Jones, D. A., Kalkman, C. J., Lighthall, G. K., Malycha, J., Phillips, A. V., Rubulotta, F., So, R. K., Welch, J. (2019). Quality metrics for the evaluation of Rapid Response Systems: Proceedings from the third international consensus conference on Rapid Response Systems. *Resuscitation*, 141, 1-12. doi.org/10.1016/j.resuscitation.2019.05.012
  14. \* **Bunch, J. L.**, Groves, P. S., & Perkhounkova, Y. (2018). Realistic evaluation of a rapid response system: Context, mechanisms, and outcomes. *Western Journal of Nursing*, 41(4), 519-536. doi: 1177/0193945918776310

15. \* Groves, P. S., **Bunch, J. L.**, (2018). Priming patient safety: A theory of safety goal priming via safety culture communication. *Nursing Inquiry*, 25(4), e12246. doi: 10.1111/nin.12246
16. \* Groves, P. S., **Bunch, J. L.**, Cram, E., & Perkounkova, Y. (2018). Development and feasibility testing of a patient safety research simulation. *Clinical Simulation in Nursing*, 15, 27-33. doi.org/10.1016/j.ecns.2017.09.007
17. \* Thomas, J. T., Moeckli, J., Mengeling, M. A., Goedken, C. C., **Bunch, J.**, Cram, P., & Reisinger, H. S. (2017). Bedside critical care staff use of Intensive Care Unit telemedicine: Comparisons by Intensive Care Unit complexity. *Telemedicine and e-Health*, 23(9). doi: 10.1089/tmj.2016.0243
18. \* Groves, P. S., **Bunch, J. L.**, Farag, A., Manges, K., Perkhounkova, Y., & Scott-Cawiezell, J. (2016). Priming patient safety through nursing handoff communication: A simulation pilot study. *Western Journal of Nursing Research*, 39(11), 1394-1411. doi: 10.1177/0193945916673358
19. \* **Bunch, J.L.** (2014). Rapid response systems: Evaluation of program context, mechanism, and outcome factors. [Dissertation]

#### **Book/book chapters, monographs, edited symposia**

1. 2021 – Present, Textbook for Rapid Response Systems 3<sup>rd</sup> Revision, Co-editor

#### **Recommendations and White Papers**

1. Durham, L., Jones, D., Subbe, C., Fox-Robichaud, A., **Bunch, J.**, ... Lighthall, G. (March, 2022). Recommendations for RRT staffing during the COVID-19 pandemic. *International Society for Rapid Response Systems*.
2. Jones, D., Durham, L., Lighthall, G., Welch, J., DeVita, M., ..., **Bunch, J.** (March, 2020). Recommendations for rapid response teams (RRTs) and critical care outreach (CCO) services in the context of the COVID-19 pandemic. *International Society for Rapid Response Systems*.

#### **Technical, research, evaluation, consultation, or accreditation reports**

1. \* **Bunch, J.** & Reisinger, H. S. (2015). *VISN 15 – Marion Tele-ICU survey: Pre-implementation and 4 month follow-up* (Marion Tele-ICU Workgroup).
2. \* **Bunch, J.** & Reisinger, H. S. (2014). *VISN 15 Tele-ICU survey: Pre-implementation* (National Tele-ICU Workgroup).
3. \* **Bunch, J.** & Reisinger, H. S. (2014). *VISN 23 Tele-ICU survey* (National Tele-ICU Workgroup).

#### **Editorials, Opinion Editorials (OpEds), letters to the editor**

1. Fox-Robichaud, A. E., & **Bunch, J. L.** (2024). The value of nursing intuition. *Intensive and Critical Care Nursing*. 83, 103714-103714.

2. **Bunch, J.**, Jones, D., & Psirides, A. (2023). Are we deskilling or reskilling our hospital ward clinicians? *Internal Medicine Journal*, 53(4), 640-643.
3. **Bunch, J.** (2021). “Are studies using exception under informed consent viable in emergency medicine and trauma response research to increase enrollment?”. *Resuscitation*. doi:10.1016/j.resuscitation.2021.09.018. [invited]

### **Instructional materials**

1. Olmsted, C., H., Manges, K. A., Buck, J. H., Fulton, D. P., Rodriguez Villalvazo, Y., & **Bunch, J.** (2015). *Cognitive Biases for Healthcare Professionals*. [Training Module].
2. **Bunch, J.** Thomas, J. T., & Reisinger, H. S. (2014). *VHA Tele-ICU National Implementation Toolkit Revision*. Presented to VA Tele-ICU Executive Committee, Fall 2014.

## **Scientific and Educational Research Grants**

### **Intramural Research Grants**

2022-2023, Frontline Nursing Management during COVID-19, Principal Investigators Patricia Groves and Jacinda Bunch, Co-Principal Investigator, Sigma Theta Tau-Gamma Chapter Grant, \$5,000

2019 – 2020, Rapid Response System Implementation within a Long-Term Acute Care Hospital (LTACH), Principal Investigator, Woodrow W. Morris Gerontology Research Award for Faculty, \$5,000

2016 – 2017, Longitudinal Analysis of Rapid Response System Evolution in a Community Based Hospital, Principal Investigator, Sigma Theta Tau, Gamma Chapter Seed Grant, \$4,752.66

2015 – 2016, Assessing the Feasibility of a Patient Safety Simulation Experiment, Principal Investigator Patricia Groves, Dean’s Research Award, \$50,960

### **Extramural Research Grants**

2022-2023, Frontline Nursing Management during COVID-19, Principal Investigators Patricia Groves and Jacinda Bunch, Co-Principal Investigator, Midwest Nursing Research Society Seed Grant, \$7,500

2019 – 2020, Simulation in Motion – Iowa Needs Assessment for Iowa Emergency Medical Responders, Rural Hospitals, and Critical Access Hospitals, Principal Investigator, (Academic Year 20%, Summer 50%), Helmsley Charitable Trust, \$250,000

## **Foundation Grants**

1. Advancing Frontline Emergency Education, Max & Helen Guernsey Charitable Foundation, Co-Lead, 1 year, \$30,000

2021 – 2024, Simulation in Motion – Iowa (SIM-IA), Principal Investigators Jacinda Bunch and Cormac O’Sullivan, Co-Principal Investigator (Yr 1 50%, Yr 2 40%, Yr 3 & Yr 4 20%), Helmsley Charitable Trust, \$7,989,185

### Education Grants

2023, Friday Night in the ER, University of Iowa College of Nursing, \$8,000

### Unponsored Scientific / Educational Research and Other Projects

2021 – 2022, Peer to Peer – Patient Deterioration Speakers Board, Collaborator, Hill Rom

2017, Rapid Response Team Evaluation II, Principal Investigator Saket Girotra, Investigator, Pilot data collection for R01 submission

### Research and Clinical Presentations

#### International

1. 2023, **Bunch, J. L.**, *Enhancing response to medical emergencies in rural areas through mobile simulation*. Rapid Response Systems and ICU Patient Safety and Quality, Australian and New Zealand Intensive Care Society (ANZICS), Darwin, Australia. [Invited].
2. 2023, **Bunch, J. L.** *Why is there a problem? RESCUE: Rapid Response Teams: The Essentials*. [Course]
3. 2019, **Bunch, J. L.** *Audit of RRS: Methodology, learning and improvement*. 15<sup>th</sup> Annual International Conference on Rapid Response Systems & Medical Emergency Teams, Singapore. [Invited]
4. 2019, **Bunch, J. L.** *Innovative approaches in early detection of the deteriorating patient: Enhancing interdisciplinary teamwork to improve RRS*. 15<sup>th</sup> Annual International Conference on Rapid Response Systems & Medical Emergency Teams, Singapore. [Invited]
5. \* 2019, **Bunch, J. L.**, Dukes, K., Schacht Reisinger, H., & Girotra, S. (2019, April). *Learning from Multiple clinical perspectives: A qualitative pilot study of a rapid response system in the midwest United States*. Poster session presented at 15<sup>th</sup> Annual International Conference on Rapid Response Systems & Medical Emergency Teams, Singapore. [Poster]
6. \* 2108, **Bunch, J. L.** *Evaluating RRS quality: Understanding contextual & cultural factors*. The 14<sup>th</sup> Annual International Conference on Rapid Response Systems & Medical Emergency Teams, Manchester, UK. [Invited]
7. \* 2108, **Bunch, J. L.**, Dukes, K., Guetterman, T., Harrod, M., Krein, S., Kellenberg, J., Lehrich, J., Reisinger, H., Kronik, S., Chan, P. S., Nallamotheu, B. K., & Girotra, S. *A qualitative study of rapid response teams in the United States*. Poster session presented at 14<sup>th</sup> Annual International Conference on Rapid Response Systems & Medical Emergency Teams, Manchester, UK. *Selected as Best of Abstracts*
8. 2011, Cram, E., **Bunch, J.** *Using simulation to practice TeamSTEPPS*. Clinical Program.

Human Patient Simulation Network, Tampa, FL

### National

1. \* **Bunch, J. L.**, & Rechkemmer, B. (2024). SIM-IA: Bringing emergency education to life. 31<sup>st</sup> National Evidence Based Practice Conference, Iowa City, IA, USA
2. Liebzeit, D., Krupp, A., **Bunch, J.**, Buck, H. (2022). *Rural Age-Friendly Ecosystems: A Scoping Review with Recommendations for Age-Friendly Communities*. Gerontological Society of America. Indianapolis, IN. Late-breaking Research. [Poster]
3. 2021, **Bunch, J. L.** *Continuing to improve teamwork and communication during pandemic challenges*. 28<sup>th</sup> National Evidence Based Practice Conference – Advancing Patients and Nurses as Leaders. Virtual. [Invited]
4. \* 2020, Groves, P. S., Williams, J., & **Bunch, J. L.** *Creating space to foster patient and family trust: A key role of hospital nurses in safety co-production*. 2020 QSEN International Forum, Quality and Safety Education for Nurses, Philadelphia, Pennsylvania. (conference cancelled) [Podium]
5. \* 2019, Dukes, K., **Bunch, J. L.**, & Girotra, S. *Rapid response system collaboration: Bedside nurses and rapid response teams*. 2019 Society for Applied Anthropology Annual Meeting: *Engaging Change in Turbulent Times*. Portland, OR. [Podium]
6. \* 2018, Dukes, K, **Bunch, J. L.**, & Girotra, S. *Hospital rapid response system evaluation: A qualitative study*. 2018 Society for Applied Anthropology Annual Meeting: *Methods and Practices in Health and Health Research*. Philadelphia, PA. [Podium]
7. \*2018, Girotra, S., Dukes, K., **Bunch, J. L.**, Guetterman, T., Harrod, M., Krein, S., Kellenberg, J., Lehrich, J., Reisinger, H., Kronik, S., Chan, P. S., & Nallamotheu, B. K. *Rapid response teams at top-performing hospitals for in-hospital cardiac arrest: A qualitative study*. Quality of Care and Outcomes Research (QCOR) 2018 Scientific Sessions, American Heart Association. Arlington, VA. [Poster]
8. 2014, **Bunch, J.**, Groves, P. *Integrating quality and safety concepts into undergraduate and graduate nursing education*. VAQS Quality and Safety Institute, Denver, CO. [Poster]
9. 2013, **Bunch, J.**, Cram, E. *Developing quality and safety competencies in RN–BSN distance education*. QSEN National Forum, Atlanta, GA. [Poster]
10. 2013, Cram, E., **Bunch, J.** *Refining a clinical experience for undergraduates to develop QSEN competencies*. QSEN National Forum, Tucson, AZ. [Poster]

### State/Regional

1. \* **Bunch, J. L.**, Gedney-Lose, A., Sharp, B., Jaboob, S., & Groves, P. S. (2024). *The experience of front-line managers during COVID-19*. MNRS: Advancing the Implementation of Nursing Science. Minneapolis, MN, USA.

2. Bunch, J. L. (2024). *Friday Night at the ER* (Part 1 and Part 2). SIM Midwest Conference: Stronger Together – Improving Healthcare Outcomes with Simulation, Iowa City, IA, USA.
3. 2023, **Bunch, J. L.**, Wellnitz, K., & Eastman, H. *From EMS to the ICU: Use of simulation to enhance pediatric patient care*. Children and Women’s Services Nursing Conference 2023, Iowa City, Iowa. [Invited].
4. 2023, **Bunch, J. L.**, *Supporting and encouraging research partnerships with your simulation program*. Stronger Together – Improving Healthcare Outcomes with Simulation, Simulation in Motion – Midwest Consortium, Sioux Falls, South Dakota.
5. 2021, **Bunch, J. L.** *Continuing to improve teamwork and communication during pandemic challenges*, Iowa City VA Nurses Celebration Week. Virtual. [Invited]
6. \* 2020, Groves, P. S., Williams, J. K., & **Bunch, J. L.** *A nurse sensemaking process for responding to patient- and family- reported safety concerns in the hospital*. 44th Annual MNRS Research Conference, Midwest Nursing Research Society, Schaumburg, IL. [Virtual Poster]
7. \* 2019, Dukes, K., **Bunch, J. L.**, Schacht Reisinger, H., & Girotra, S. *Factors for activating rapid response identified in a qualitative pilot*. Division of Internal Medicine Meeting, University of Iowa Health Care, Iowa City, Iowa. [Guest Speaker]
8. \*2016, **Bunch, J. L.**, Groves, P., Cawiezell, J. & Perkhounkova, Y. *Rapid response systems: Evaluation of program context, mechanism, and outcome factors in a community hospital*. 4th Annual Quality and Patient Safety Symposium, Iowa City, IA. [Poster]
9. 2015, **Bunch, J.** & Olmsted, C. *Quality improvement in surgical interdisciplinary care teams*. The 6<sup>th</sup> Annual Hospital Medicine Update, Society of Hospital Medicine, Cedar Rapids, IA. [Poster] Runner up for best poster.
10. 2015, Olmsted, C., Manges, K., **Buck, J.**, Fulton, D., Villalvazo, Y., & **Bunch, J.** *Cognitive biases and patient safety: An interdisciplinary educational toolkit*. 3rd Annual Quality and Patient Safety Symposium, Iowa City, IA. [Poster]
11. 2015, Olmsted, C. & **Bunch, J.** *Quality improvement in surgical interdisciplinary care teams*. 3rd Annual Quality and Patient Safety Symposium, Iowa City, IA. [Poster]
12. 2014, Groves, P., **Bunch, J.** *Best practices: Teaching quality and safety education*. Iowa Association of Colleges of Nursing Fall Faculty Development Conference, Newton, IA. [Presentation]
13. 2014, **Bunch, J.** *Incorporating teamwork skills into everyday practice: The TeamSTEPPS (Strategies and Tools to Enhance Performance and Patient Safety) approach (III)*. 2nd Annual Quality and Patient Safety Symposium, Iowa City, IA [Presentation]
14. 2014, Cram, E., Montgomery, L., **Bunch, J.**, Sebolt, T., Carpe, J. *Dedicated Educational Units (DEU): The experiences of students and instructors*. Iowa Association of Colleges of

Nursing Fall Faculty Development Conference, Newton, IA. [Presentation]

15. \* 2013, Groves P. S., & **Bunch, J L.** *The relationship between safety culture and patient outcomes: Results from pilot meta–analyses.* 2013 Annual MNRS Research Conference, Midwest Nursing Research Society, Chicago, IL. [Poster]
16. 2012, **Bunch, J.**, Cram, E. *Baccalaureate teaching innovation to strengthen interdisciplinary teamwork and communication skills for patient safety.* QSEN National Forum, Tucson, AZ. [Presentation]
17. 2011, **Bunch, J.**, Cram, E. *Building QSEN competencies in simulation.* QSEN National Forum, Milwaukee, WI. [Presentation]
18. 2011, **Cram, E.**, **Bunch, J.** *Redesign of a core clinical course to develop QSEN competencies with BSN students.* QSEN National Forum, Milwaukee, WI. [Presentation]

### Local

1. 2023, **Bunch, J.**, *SIM-IA: Improving rural emergency medical care through mobile simulation.* Science Café, University of Iowa College of Public Health, Mount Vernon, Iowa.
2. 2023, **Bunch, J. L.**, & Rechkemmer, B. *Mobile Simulation (SIM-IA) in the Promotion of Women and Children’s Health,* Center for Surgical and Procedural Services (CPSS), University of Iowa Hospitals and Clinics. [Invited]
3. 2021, **Bunch, J. L.**, & O’Sullivan, C. *Mobile Simulation (SIM-IA) to Improve Patient Outcomes,* UIHC Simulation Conference, University of Iowa Hospitals and Clinics. [Invited]
4. 2021, **Bunch, J. L.**, & O’Sullivan, C. *Simulation in Motion – Iowa (SIM-IA),* Kiwanis Club of Iowa City, Iowa City, IA. [Invited]
5. 2021, **Bunch, J. L.**, & O’Sullivan, C. *Simulation in Motion – Iowa (SIM-IA),* University of Iowa Center for Advancement, Iowa City, IA. [Invited]
6. 2021, **Bunch, J. L.** *Continuing to improve teamwork and communication during pandemic challenges,* Nurses Week Celebration, Iowa City Veterans Administration Health Care System, Iowa City, IA. [Invited]
7. 2021, Rasmussen, K. M., **Bunch, J. L.**, Bechtel, T. J., & Keuhnle, F. R. *SANE Nursing. Caring for Vulnerable Populations: Progressive Nursing Day 2021.* College of Nursing, University of Iowa College of Nursing, Iowa City, IA. [Panel]
8. \* 2020, Groves, P.S., Williams, J., & **Bunch, J. L.** *Keeping patients safe: Creating space and making sense.* Guest Speaker. Nursing Research and EBP Grand Rounds. University of Iowa Health Care, Iowa City, Iowa. (cancelled due to COVID-19) [Grand Rounds]
9. \* 2019, **Bunch, J. L.** *Rapid response systems: Understanding outcomes through context*

*and mechanism factors.* Boone Hospital Center Acute Care Nursing Conference. Columbia, MO. [Invited]

10. \* 2019, Dukes, K. C., **Bunch, J. L.**, Schacht-Reisinger, H., & Girotra, S. *To call or not to call: Factors for activating rapid response identified in a qualitative pilot study.* 2019 Nurse Research Day, Iowa City, IA. [Poster]
11. \* 2019, **Bunch J. L.**, Dukes K, Reisinger HS, Girotra S. *Learning from multiple clinical perspectives: A qualitative pilot study of a rapid response system in the Midwest United States.* Nurse Research Day, Iowa City, IA. [Poster]
12. \* 2019, Dukes, K. C., **Bunch, J. L.**, Schacht-Reisinger, H., & Girotra, S. *To call or not to call: Factors for activating rapid response identified in a qualitative pilot study.* 2019 Health Sciences Week, Iowa City, IA. [Poster]
13. \* 2019, **Bunch J. L.**, Dukes K, Reisinger HS, Girotra S. (2019, April). *Learning from multiple clinical perspectives: A qualitative pilot study of a rapid response system in the Midwest United States.* Health Sciences Research Day, Iowa City, IA. [Poster]
14. 2019, **Bunch, J. L.** *Using an interactive learning classroom (ALC).* Research College of Nursing, Kansas City, MO. [Faculty Workshop]
15. \* 2018, **Bunch, J. L.** *Evaluation of program context, mechanism, and outcome factors in a community hospital.* Research and Evidence Based Practice Council. Columbia, MO. [Invited]
16. \* 2018, **Bunch, J. L.**, Dukes, K. C., Guetterman, T., Harrod, M., Krein, S., Kellenberg, J., Lehrich, J., Schacht-Reisinger, H., Kronick, S., Chan, P. S., Nallamotheu, B. K., Girotra, S. *A qualitative study of rapid response teams in the United States.* 2018 Health Sciences Week, Iowa City, IA. [Poster]

### Mass media

1. Nelson, E. (2022, Nov 12). Mobile simulation program helping save Iowa lives. *University of Iowa.* <https://stories.uiowa.edu/sim-ia-training-prepares-clarence-ems-team-for-pediatric-emergency>
2. Crawford, K. (2022, July 12). University of Iowa program prepares Iowa EMTs for RAGBRAI. *Iowa Public Radio.* [https://www.iowapublicradio.org/health/2022-07-12/university-of-iowa-program-prepares-iowa-emts-for-ragbrai?\\_amp=true](https://www.iowapublicradio.org/health/2022-07-12/university-of-iowa-program-prepares-iowa-emts-for-ragbrai?_amp=true)
3. Siouxland News. (2022, July 11). Local first responders receive simulated education sessions ahead of RAGBRAI. *CBS14 Fox44.* <https://siouxlandnews.com/news/local/local-first-responders-receive-simulated-education-sessions-ahead-of-ragbrai>
4. Hynds, T. (2022, July 11). Watch Now: University of Iowa simulator provides medical training to area responders. *Sioux City Journal.* [Video Interview] [https://siouxcityjournal.com/news/local/watch-now-university-of-iowa-simulator-provides-medical-training-to-area-responders/video\\_7d75a477-ba67-50be-a2d9-377a49a9c477.html](https://siouxcityjournal.com/news/local/watch-now-university-of-iowa-simulator-provides-medical-training-to-area-responders/video_7d75a477-ba67-50be-a2d9-377a49a9c477.html)

5. Fundermann, S. (2022, July 11). ‘Simulation in Motion’ truck helps train EMS and first responders. *KTIV*. <https://www.ktiv.com/2022/07/11/simulation-motion-truck-iowa-now-has-three-simulation-motion-trucks/>
6. Thomas, K. (2021, February 23). U Iowa College of Nursing receives \$8 million grant for rural simulation training program. *Daily Nurse*. <https://dailynurse.com/u-iowa-college-of-nursing-receives-8-million-grant-for-rural-simulation-training-program/>
7. Angelo, J. (2021, February 9). Need to know with Jeff Angelo [Radio broadcast]. *iHeart Radio*. <https://whoradio.iheart.com/featured/jeff-angelo-on-the-radio/>
8. Iowa Hospital Association. (2021, February 8). Today’s newsstand: Iowa news: New partnership will allow Iowa to help improve healthcare statewide. *IHA Online*. <https://www.ihaonline.org/blog/2021/02/08/todays-newsstand-10/>
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12. Snee, T. (2021, February 3). New partnership will allow Iowa to help improve health care across the state. *Iowa Now*. <https://now.uiowa.edu/2021/02/college-nursing-helmsley-trust-partnership-simulation-motion-iowa>

## **SERVICE**

### **Professional Service**

Society for Simulation in Healthcare  
 2023 – Present, Member  
 2010 – 2013, Member

International Association of Forensic Nurses (IAFN)  
 2020 – Present, Member

Iowa Emergency Medical Services Association (IEMSA)  
 2019 – Present, Member

International Society for Rapid Response Systems (iSRRS)

2023 – 2025, President-Elect, Elected  
 2021 – Present, Secretary, Elected  
 2020 – Present, Webinar Director, Invited  
 2015 – Present, Advisory Committee, Elected  
 2015 – Present, Member

Midwest Nursing Research Society (MNRS)

2012 – Present, Member

Sigma Theta Tau

2015 – 2017, Reviewer, Undergraduate Scholarship Committee  
 2012, Chapter Key Coordinator  
 2010 – 2012, Treasurer, Gamma Chapter  
 2009 – Present, Member, Gamma Chapter  
 2007- 2009, Member Iota Chapter

Quality and Safety Education for Nurses (QSEN)

2021, Moderator, 2021 Quality and Safety Education for Nurses (QSEN) Virtual Conference. Session: Patient Safety  
 2018, Reviewer, 2018 Quality and Safety Education for Nurses (QSEN) International National Forum. Oceans of Opportunity: Evidence-based Practice to Improve Quality and Safety in Education and Practice

Cincinnati Children's Hospital

2017, Abstract Reviewer, A Research Conference on Improving the Quality and Affordability of Healthcare Through Co-Production of Healthcare Services

Academy Health

2013 – 2016, Member

International Nursing Association for Clinical Simulation and Learning

2010 – 2013, Member

American College of Healthcare Executives

2018 – 2010, Member  
 2009 – 2010, Local Programming Council Member

Golden Key International Honor Society

2007 – 2009, Member

Missouri Organization of Nurse Leaders (MONL)

2004 – 2010, Member

**Advisory Panels**

2018, Consensus Conference: The Metrics of MET. Manchester, UK

**Consultations**

2014 – 2015, *Practice*, Quality Improvement in Surgical Interdisciplinary Care Teams Project, Iowa City, Iowa City Veterans' Administration Medical Center, Co-Leader, Local

2014 – 2015, *Practice*, Clinical Alarms HFEMA Team, Iowa City Veterans' Administration Medical Center, Member, Local

2013 – 2015, *Practice*, Sentinel Event Root Cause Analysis Team (6 individual teams), Iowa City Veterans' Administration Medical Center, Local

## **University Service**

### **Committees and Task Forces**

2024 – Present, Family Issues Charter Committee, University of Iowa, Member, Appointed

2023 – Present, Faculty Senate, University of Iowa, At Large, Elected

2017 – 2018, Faculty Advisory Council on Student Retention, University of Iowa, Member, Invited

### **Standing Committees**

2017 – 2021, ICON Steering Committee, University of Iowa, Member, Invited

2010 – 2011, Evidence Based Practice Conference Planning Committee, University of Iowa Hospitals and Clinics, Iowa City, Iowa, Member, Volunteer

2009 – 2011, Staff Education Committee, University of Iowa Hospitals and Clinics, Iowa City, Iowa, Member, Volunteer

2009, House Wide Simulation Planning Team, University of Iowa Hospitals and Clinics, Iowa City, Iowa, Member, Invited

2009, Patient Safety and Nursing Grand Rounds Team, University of Iowa Hospitals and Clinics, Iowa City, Iowa, Member, Invited

### **Other University activities**

2023 – Present, Build Certificate Program, University of Iowa, Learner

2014 – Present, Safe Zone, University of Iowa, Ally

2014 – 2018, Interprofessional Education (IPE), University of Iowa, Small Group Facilitator

2014, Friday After Class, TRIO Student Support Services, Center for Diversity & Enrichment, University of Iowa, First Generation Presenter

2013 – 2014, Critical Mass, University of Iowa, Mentor

## **Collegiate Service (including College of Nursing Activities)**

**Task Forces and Ad Hoc Committees**

2023 - Present, Curriculum Taskforce (Prelicensure), University of Iowa College of Nursing, Member, Invited

2023 - Present, Curriculum Champions (Prelicensure), University of Iowa College of Nursing, Lead, Invited

2021, Pathways Taskforce, University of Iowa College of Nursing, Member, Volunteer

2012 – 2017, DAISY in Training Award Selection Committee, Member, Invited

**Standing Committees**

2018 – Present, MSN Admissions and Progression Subcommittee, University of Iowa College of Nursing, Member, Invited

2017 – Present, Teaching Team 4, University of Iowa College of Nursing, Team Leader, Appointed

2016 – Present, Council on Curriculum Committee, University of Iowa College of Nursing, Member, Elected

2015 – 2020, Undergraduate Admissions Committee, University of Iowa College of Nursing, Member, Appointed

2016 – 2017, Teaching Team 3, University of Iowa College of Nursing, Team Leader, Appointed

**Other CON activities**

2024 – Duck Days: Fostering Engagement and Community in the College of Nursing

2023 – Present, Rural Disparities and Healthcare Challenges, NURS:3111 Diversity, Equity, & Inclusion for Health Professions, Guest Speaker, Invited

2019 – Present, Active Learning Strategies in the Classroom, NURS:7801 Scholarly Role Development, University of Iowa College of Nursing, Guest Speaker, Invited

2015 – 2023, Communication in Healthcare Teams, NURS:3128 Health Assessment, University of Iowa College of Nursing, Guest Speaker

**Community Service****Health related community organizations and groups**

2024 – Present, Oxford First Responders, Oxford, IA, Training Officer

2022 – Present, Oxford First Responders, Oxford, IA, Emergency Medical Technician Member, Volunteer

2011 – Present, Emergency Medical Technician and Registered Nurse, Johnson County Medical Reserve Corps, Iowa City, IA, Member, Volunteer

**Community organization membership, leadership positions, committee or task force memberships, or other activities**

2020, COVID Triage RN, Patient Access Center, University of Iowa Hospitals and Clinics, Volunteer

2012 – 2017, School Improvement Advisory Committee (SIAC) Member, Clear Creek Amana School District, Member, Invited

2009, Influenza Vaccination Clinic, Clear Creek Amana School District, Volunteer

**TEACHING**

**Instructional Activities**

**Course Instruction**

2024, NURS:5017:0EXW Quality and Safety, Instructor, Online, MSN-EIP, 30 students

2017 – Present, NURS:4160 Leadership and Professional Engagement, Instructor, Didactic, Prelicensure, 80 students

2021, NURS:6829, Doctor of Nursing Practice Project IV, Instructor, Online

2021, NURS:6827, Doctor of Nursing Practice Project II, Instructor, Online

2020, NURS:6826, Doctor of Nursing Practice Project I, Instructor, Online

2020, NURS:6826, Doctor of Nursing Practice Project III, Instructor, Online

2018, NURS:6825, Doctor of Nursing Practice Project (Initial Group), Instructor, Online

2017 – 2018, NURS:5017:EXW, Quality and Safety, Patient Safety and Quality Improvement, Instructor, Online

2014 – 2016, NURS:3660:001, PRIII: Improving Health Systems, Patient Safety and Quality Improvement, Instructor, Didactic (TILE)

2014, 096:162:001, PRIII: Improving Health Systems, Patient Safety and Quality Improvement, Instructor, Didactic

2013, 2011, 096:136, Core Clinical Practicum, Medical–Surgical, Instructor, Dedicated Education Unit (DEU)

2012 – 2013, 096:162:EXW PRIII: Improving Health Systems, Instructor, Online

2011 – 2012, 096:200, Capstone Clinical Immersion and Microsystem Improvement Leadership, Instructor, Practicum

2009 & 2011, 096:178, Therapeutic Nursing Interventions II, Instructor, Clinical

2010 – 2011, 096:163, Information Management & Patient Care Technology in Practice, Instructor, Didactic

2010 – 2011, 096:135, Complex Concepts of Nursing Care, Instructor, Simulation

2009 – 2010, 096:134, Basic Concepts of Nursing Care, Instructor, Lab

2010, 096:177, Therapeutic Nursing Interventions I, Instructor, Lab

2009-2010, 096:180, Intensive Practicum I, Instructor, Simulation

2010, 096:183, Intensive Practicum II, Instructor, Simulation

2009, 096:127, Health Assessment Across the Life Span, Instructor, Lab

### **New Course Development**

2015, NURS:4170:001 Baccalaureate Seminar, Online

2014 – 2015, NURS:3660:001 PRIII: Improving Health Systems, Instructor, Didactic

2014, NURS:3660:001, PRIII: Improving Health Systems, Didactic

2012 – 2013, 096:162:EXW PRIII: Improving Health Systems, Online

2010 – 2011, 096:163:001 Information Management & Patient Care Technology in Practice, Didactic

### **Mentoring and Advisement**

#### **Predoctoral Mentorship**

2024-2025, Samantha Bjornson, PhD Student, Teaching Assistant, Active Learning & Didactic Classroom (NURS:4160)

2023-2024, Sugandha Aggarwal, PhD Student, Teaching Assistant, Active Learning & Didactic Classroom (NURS:4160)

2015, Jamie Brown, DNP Healthcare Systems, Undergraduate Teaching, Flipped Classroom & TILE (NURS:3660)

2015, Dan Lose, DNP Healthcare Systems, Undergraduate Teaching, Flipped Classroom & TILE (NURS:3660)

### **Advisement**

**PhD Advising**

2021 – Present, Brittany Sharp, Surgical Teamwork, Pre-comprehensive Exam, PhD Co-Chair

**Independent Study**

2023, Brittany Sharp, Co-Advisor

**PhD Comprehensive Examination Committee**

2018, Ahmed Said Salim Al-Saaid, Comprehensive Examination Committee Member

2017 – 2018, Erica Davison, Comprehensive Examination Committee Member

**BSN Honors Projects**

2020 – 2021, Dylan Hartford, Horizontal Violence in Undergraduate Nursing Programs, Completed, Advisor

2019, Shelby Christensen, Horizontal Violence in Undergraduate Nursing Programs, Completed, Advisor

2017, Sydney Davis, Professional Engagement, Completed, Advisor

2015, Ashley Lekander, Safety and Quality Improvement, Completed, Advisor

2011, Amy Calandriello, Simulation, Completed, Advisor

2011, Emily Ehlen, Simulation, Completed, Advisor

2011, Amanda Halbur, Simulation, Completed, Advisor

2011, Kelly Ritchie, Simulation, Completed, Advisor

2011, Stephanie Johnson, Health Literacy, Completed, Advisor

2010, Jessica Sarver, Simulation, Completed, Advisor

2010, Jacqueline Jimenez, Simulation, Completed, Advisor

2010, Morgan Korber, Simulation, Completed, Advisor

2010, Lindsey Kurek, Simulation, Completed, Advisor

2010, Anna Marie Young, Simulation, Completed, Advisor

2010, Elizabeth Richardson, Simulation, Completed, Advisor

**MSN CNL Projects**

2024, Amanda Bruscher, Engagement of Nurse Leaders in the IONRP Program, MSN-CNL Committee Member

2024, Tara Friedman, Ostomy Nurse Perioperative Management of Patients Undergoing an Ostomy-forming Surgery, MSN-CNL Committee Member

2024, Amanda McCoy, Enhancing Scheduling Efficiency at UIHC Holden Comprehensive Cancer Center – Quad Cities, MSN-CNL Committee Member

2020 – 2020, Katheryn Trautman, MSN-CNL Chair

2019, Betty Mallen, Implementing Interdisciplinary Evidence Based Practice – EBP for Diabetes Care, MSN-CNL Committee Member

2019, Kimberly Moore, Improving Informational Needs in the ED to Increase Patient Satisfaction, MSN-CNL Committee Member

2019, Abby Rail, Pediatric Ventilator Weaning Protocol, MSN-CNL Committee Member

2019, Eric Frost, CNL's Role in Improving Surgical Patient Readiness, MSN-CNL Committee Member

2018, Tina Welu, Improving Efficiency of the Peri-operative Microsystem, MSN-CNL Committee Member

2018, Kristin Thayer, The Effect of an Interactive Website on IVF Patients, MSN-CNL Committee Member

2018, Leann Haiwick, Fast Track in the Emergency Department, MSN-CNL Committee Member

### **DNP Project Committee**

2024, Ellie Burris, Family Nurse Practitioner, Intravenous (IV) Start Mentorship Program: A Quality Improvement Project, In Progress, Chair

2024, Madi Holm, Family Nurse Practitioner, Improving Triage Throughput in the Emergency Room, In Progress, Chair

2024, Ryan Foulkes, Family Nurse Practitioner, Implementing the National Early Warning Score for an Enhanced Emergency Department Triage System, Completed, Committee Member

### **PhD Dissertation Committee**

2021 – Bianca Jade Levkovich, Medications and Medical Emergency Teams, Monash University, Melbourne, Australia, Completed, PhD Committee Member

2018 – Present, Ahmed Said Salim Al-Saaid, Work-Life Balance and the Role of Self-Leadership, Completed, PhD Committee Member

2019 – 2020, Hind Al Mamari, Work Engagement among Nurses in Acute Care Settings in Oman, Completed, PhD Committee Member

2018 – 2019, Dorota Bartoszczyk, Psychological Ownership in Pain Management Among Nurses on Three Oncology Units– A Focused Ethnography, Withdrawn, PhD Committee Member

2017 – 2018, Erica Davison, Discharge Planning for Patients with Heart Failure: Bedside Nurses' Motivation and Decision-Making through the Lens of Self-Determination Theory, Completed, PhD Committee Member