

CURRICULUM VITAE

Katie Knox, PhD, RN, CHSE
Clinical Assistant Professor
Director of Simulation and Interprofessional Education
Nursing Clinical Education Center (NCEC) Co-Director
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EDUCATION AND TRAINING

Year	Degree	Institution/Location
December 2021	Doctor of Philosophy in Nursing Dissertation: Iowa Online Nurse Residency Program Outcomes Reporting Advisor: Sandra Daack-Hirsch PhD, RN, FAAN	University of Iowa, Iowa City, IA
May 2011	Master of Science in Nursing	University of Iowa, Iowa City, IA
May 2006	Bachelor of Science in Nursing	University of Iowa, Iowa City, IA

LICENSURE AND CERTIFICATION

License	Source	License
Years 2006- current	Iowa Board of Nursing	Registered Nurse #114987
Certification 2025-2028	Society for Simulation in Healthcare (SSH)	Certified Healthcare Simulation Educator (CHSE)
May 2006	Certificate in Aging, University of Iowa, Iowa City, IA	Certificate

PROFESSIONAL EXPERIENCE

Academic Appointments

Years	Position	Institution/Location
January 2022- current	Assistant Professor (Clinical)	University of Iowa College of Nursing, Iowa City, IA
August 2014- January 2022	Lecturer (Instructional Track)	University of Iowa College of Nursing, Iowa City, IA

Administrative Appointments

Years	Position	Institution/Location
July 2021-current	Co-Director of the Nursing Clinical Education Center (NCEC) Director of Simulation and Interprofessional Education	University of Iowa College of Nursing, Iowa City, IA

Clinical Appointments

Years	Position	Institution/Location
September 2011-August 2014	Staff Development Instructor	University of Iowa Hospitals and Clinics, Iowa City, IA
July 2011, January 2012-May 2014	Adjunct Clinical Instructor	University of Iowa Hospitals and Clinics, Iowa City, IA
May 2006-August 2014	Staff Nurse, Medical-Psychiatry Unit	University of Iowa Hospitals and Clinics, Iowa City, IA
2008	Adjunct Clinical Instructor	Kirkwood Community College, Cedar Rapids, IA

HONORS AND AWARDS

2025	Distinguished Educator in Gerontological Nursing awarded by the National Hartford Center for Gerontological Excellence. Selected for recognition based on leadership, innovation, and commitment to advancing gerontological nursing education.
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GRANTS AND SPONSORED PROJECTS

1/2025-1/2026	VRPatients In-Kind Vendor Grant through the International Nursing Association for Clinical Simulation in Learning (INACSL) PIs: K. Knox , J. Hosking, T. Bechtel, S. Thomas Funded by VRPatients
2/2021-2/2022	Advancing Methods of Measurement and Education for Communication in Dementia Care. PIs: C. Shaw and H. Bair; Co-I: K. Knox Collaborator- Simulation Expert Funded by Woodrow W. Morris Gerontology Research Award for Faculty, \$5,000
5/2021-5/2022	Advancing Methods of Measurement and Education for Communication in Dementia Care PIs: C. Shaw, H. Bair, K. Knox Funded by Sigma/CANs, \$5,000

SCHOLARSHIP

*=data-based

Publications

1. *Bechtel, T.J., **Knox, K.**, & Thomas, S. (in press). Integrating electronic health record into blood administration simulation for prelicensure nursing students. Teaching and Learning in Nursing. <https://doi.org/10.1016/j.teln.2025.10.020>
2. *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*, 33(8), 3089-3100. <https://doi.org/10.1111/jocn.17207>
3. Ford, K., Welton, A., & **Knox, K.** (2022). Comparing task trainers to standardized patients for gynecologic assessment skills. *The Journal for Nurse Practitioners*, 18(1), 1107-1110. <https://doi.org/10.1016/j.nurpra.2022.09.010>
4. Farag, A., Vogelsmeier, A., **Knox, K.**, Perkhounkova, Y. & Burant, C. (2020). Predictors of nursing home nurses' willingness to report medication near-misses. *Journal of Gerontological Nursing*, 46(4), 21-30. <https://doi.org/10.3928/00989134-20200303-03>

Presentations

National

1. Blackwell, B., & **Knox, K.** (2024, August 5). *IncluDE Webinar: DEI Rubric*. International Nursing Association for Clinical Simulation and Learning (INACSL). Recorded webinar.
https://learning.inacsl.org/products/dei-rubric-recorded-webinar#tab-product_tab_overview
2. *Bair, H., **Knox, K.**, & Shaw, C. (2023, January). *Simulation Using Manikins and SPs Reproduced Communication Patterns Similar to Actual Clinical Practice*. Society of Simulation in Healthcare, Annual Meeting; Orlando, FL, peer reviewed poster presentation.
3. *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.
4. *Kendall, L.N., Ashlock, J. & **Knox, K.** (2022, June 16). *Infusion Reaction Simulation: An Innovative Approach to Emergency Preparedness for Nursing Students* [peer reviewed, poster]. International Nursing Association for Clinical Simulation and Learning (INACSL); Milwaukee, WI.
5. *Jackson, L., Shaw, C., **Knox, K.**, & Bair, H. (March 2022). *Developing and Validating Clinical Simulations for Education and Research Purposes*. Midwest Nursing Research Society Annual Meeting, Schaumburg, IL, student poster competition.
6. *Hosking, J. & **Knox, K.** (2021, September 9). *Evidence-Based Practice Self-Efficacy Post-Nurse Residency* [invited, pre-recorded oral presentation with live Q&A]. Vizient Virtual Clinical Workforce and Nurse Residency Program Conference.
7. *Hosking, J. & **Knox, K.** (2021, April 14-15). *Long term EBP Self-Efficacy of former nurse residents* [peer reviewed, pre-recorded oral presentation]. 28th National Evidence-Based Practice Virtual Conference. Coralville, IA.
8. Hosking, J. & **Knox, K.** (2020, February). *Entry-to-practice nurse residency accreditation*. [invited, webinar]. Vizient Nurse Residency Program.
9. **Knox, K.** & Weathers, N. (April 2019). *Case study: Nurse residency program outcomes at one hospital* [student poster]. Midwest Nursing Research Society (MNRS) Annual Meeting, Kansas City, MO.
10. Hosking, J. & **Knox, K.** (2017, June). *Transitions, teamwork, and technology- Evolution of a simulation-enhanced nurse residency program*. [peer reviewed, E-poster]. International Nursing Association for Clinical Simulation (INACSL) Conference, Washington, D.C.
11. *Hosking, J. & **Knox, K.** (2017, February). *Influencing nursing practice: New graduate nurses engaged in EBP*. [peer reviewed, podium]. Sigma Theta Tau International Biennial Convention, Indianapolis, IN.
12. Hosking, J., **Knox, K.**, Valde, J. G., Cullen, L., Tucker, S., Montgomery, L. A., Williamson, A., Bohr, N., & Perkhounkova, E. (2016, April). *Benefits of an evidence-based practice curriculum and project completion in a nurse residency program related to EBP self-efficacy*. [peer reviewed, poster]. National Evidence-Based Practice Conference, Coralville, IA.
13. Accepted for SimOps Delivers 2023: Virtual Instruction Video: Step-by-step: Results when suctioning.

State/Regional

1. Bechtel, T. & **Knox, K.** (2024, June 27). *Engaging the Masses: Large Scale Simulations* [invited, podium]. SIM-Midwest; Simulation in Motion-Midwest Consortium in Iowa City, Iowa.
2. Femino, L. & **Knox, K.** (2023, December). University of Iowa College of Nursing State of Simulation: Presentation to OhioHealth. [Invited, online presentation]

Local

1. **Knox, K.** (2023, November 8). *Nursing Clinical Education Center: About and Updates*. Presented for the University of Iowa College of Nursing Brown Bag Lunch Learning Series [invite, hybrid presentation].
2. **Knox, K.** & Femino, L. (2021, November 10). *University of Iowa College of Nursing Faculty Lecture Series: Active Learning in the Classroom* [invited, online presentation].
3. Hosking, J. & **Knox, K.** (2019, June). *Evidence-Based Practice for nurse residents: It takes confidence, resources, and support* [invited, podium]. University of Iowa Hospitals and Clinics, Department of Nursing Evidence-Based Practice Grand Rounds.

Media

Simulation. Guest on Beyond Nurse Residency Podcast hosted by Nicole Weathers (2024, June 1) <https://www.buzzsprout.com/2240285/14873570>. 78 downloads (as of June 1, 2025).

SERVICE

Professional Service

Years

Activity

International Nursing Association for Clinical Simulation in Learning (INACSL)

2015-current

Member

August 2023-current

Volunteer member of the INACSL IncluDE (diversity) committee

August 2023-current

Subcommittee member of DEI Rubric team

June 2025-current

Subcommittee member of DEI Resources Repository team

Society for Simulation in Healthcare

2020-current

Member

Sigma (Sigma Theta Tau), Gamma Chapter

2006-current

Member

2016-2024

Board member, Secretary, elected position

2024-current

Board member, Scholarship Committee, volunteered

Iowa Healthcare Simulation Network

July 2024-current

Co-leader and member

Consultations: Simulation

Years

Activity

February 2025

30-minute consultation with University of Iowa Health Care Evidence-Based Institute Participant Jenna Diebolt. Project title: Using Flexible and accessible technology (such as VR) for Nurse Clinician Competencies.

October 2024

30-minute consultation with University of Iowa Health Care Evidence-Based Institute Participant Jody Fiepel. Project title: Hot Wash Debriefing Following Rapid Responses and Codes.

June 2022 & December 2022	Simulation education consultation with Iowa Valley Community College nursing faculty, 8 hours on site, 4 hours in the NCEC.
December 2023	OhioHealth simulation consultation about integration of electronic health records into simulation, 1-hour online consultation.

Editorial and Peer Review Activities

Years	Activity
May 2022-current	Peer reviewer for the <i>Journal of Professional Nursing</i> , simulation expert
2024-current	Society for Simulation in Healthcare (SSH) Annual Conference Content Reviewer. Content reviewer for in-person course proposals (2024: 5 reviews). Content reviewer for research abstracts (2024: 12 reviews). Content reviewer for educator course proposals (2025: 10 reviews)

University Service

August 2024, 2025	Volunteered for OnIowa! Orientation event facilitating student registration at the IMU.
2021-current	Invited to participate in UI Healthcare STEM activities for a variety of learners. Activities occur approximately twice yearly.
March 2022	Invited to present at the Community Leadership Program Healthcare Day, sponsored by UI Healthcare. Approximately 12 leaders from Iowa City businesses participated in the event.

Collegiate Service

Committees and Sub Committees

October 2025-current	Member of the BSN MSN-EIP Curriculum Subcommittee.
September 2025-current	Member of search committee for BSN multi-hire Nursing Faculty requisition.
May 2025-September 2025	Member of search committee for Instructional Track BSN Instructional Track-Mental Health, Pediatric, and NCEC requisition.
May 2024-October 2024	Member of the search committee for the Associate Dean for BSN & Graduate Entry Program, appointed.
February 2024	Volunteer at Progressive Nursing Day to sit on panel of certified nurses to answer student questions.
August 2023-current	College of Nursing and UI Health Care Education Collaboratory group, appointed.
October 2023-October 2025	College of Nursing Undergraduate Curriculum Champions Committee, appointed.
August 2023	Invited to join the Council on Faculty to plan Faculty and Staff retreat activities.
Fall 2023	Member of the search committee for Medical-Surgical Instructors and Community Public Health Instructor, appointed.
July 2021-current	Member of Simulation Interest Group, a shared governance group with joint membership from UI Health Care and UI College of Nursing, invited.
July 2021-current	Support undergraduate student recruitment activities including Hawkeye Visit Days and Head-to-Toe events as a requested representative of the NCEC. Involves student tours, hands-on activities.
July 2021- current	Iowa Online Nurse Residency Program (IONRP) Executive Board Meetings (held annually) as an expert in transition to practice for nurses, appointed.

TEACHING

UI College of Nursing Course Instruction

Year	Role	Number of Students
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Introduction to Clinical Concepts for Nursing

8/2024-12/2024	Team Teacher	8
1/2025-5/2025	Team Teacher	6
8/2023-12/2023	Team Teacher	16
9/2019-5/2021	Team Teacher	8

Basic Clinical Concepts for Nursing

1/2025-5/2025	Team Teacher	16
5/2024-6/2024 (Summer 6-week MSN-EIP)	Team Teacher	22
5/2023-6/2023 (Summer 6-week MSN-EIP)	Team Teacher	15
1/2021-5/2021	Team Teacher	8
1/2020-8/2020	Lead Instructor	72-80
8/2020-12/2020	Lead Instructor (lead 4 faculty)	72-80

Advanced Clinical Concepts

1/2025-5/2025	Lead Instructor	84
8/2020-8/2023	Course Development and Lead Instructor (lead 3 faculty)	90/semester

Clinical Simulation Laboratory I

8/2018-5/2019	Lead Instructor	80 students
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Senior Internship

8/2018-12/2018	Team Teacher	6 students
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Nursing Pharmacological Interventions I

1/2017-5/2018	Team Teacher	72/semester
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Clinical Simulation Laboratory II

8/2015-12/2019	Team Teacher	8 students/section
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Adult Medical-Surgical Practicum

8/2015-5/2016	Team Teacher	8 students/semester
8/2016-5/2018	Course Supervisor (supervised 8 faculty)	72 students/semester

Special Studies in Nursing (Online RN to BSN course)

1/2011-5/2011	Graduate Teaching Assistant	Unknown
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Mentoring and Advisement**Year****Simulation Team Lead Project**

Fall 2025-Spring 2026

Student & Project

Amanda Richardson, Project and Simulation Course Lead
 Project title: Integration of Team Lead Role in Undergraduate Simulation Courses, goal is presentation and publications after completion of project

Role

Role: Advisor and member of project team

BSN Honors Project

Spring 2019

Cassandra McGee, BSN student
 Project title: Medication Administration Practices for

Role: Advisor

	Patients with Psychiatric Disorders, completed project presentation to classmates	
Fall 2018	Abby McClain, BSN student Project title: Impacts of Previous Patient Care Experience for Nursing Students, completed literature review and survey.	Role: Advisor
MSN Project		
Fall 2022	Kelly Karloff, MSN Student at Mt. Mercy University Project title: Implementing Cultural Competency in Nursing Education, completed project presentation.	Role: Advisor
<u>Other Teaching</u>		
Fall 2024-current	Interprofessional Education (IPE) College of Nursing Representative (0.25 FCE), IPE Steering Committee Member.	
Fall 2024	Develop Mental Health Simulation for MSN-EIP students (0.17 FCE)	