

Mackenzie Kane, MSN, RN

Education

Master of Science in Nursing
University of Iowa, Iowa City, IA 2008 - 2010

Bachelor of Science in Psychology
University of Iowa, Iowa City, IA 2000 - 2004

Academic Appointments

Assistant Professor of Practice, University of Iowa College of Nursing, Iowa City, IA 2014 - Present

Teaching Experience

Nursing Pharmacological Interventions II- Co-teach this undergraduate course averaging 80 students per semester, covering pharmacology, pathophysiology, and nursing interventions Fall 2024 - Present

- **Active Learning Strategies:** Utilizing interactive teaching methods, such as case studies, games, and simulations, to enhance student engagement and understanding.
- **Critical Thinking Development:** Teaching students to analyze medication actions, side effects, and interactions to support safe and effective patient care.
- **Real-World Applications:** Incorporating guest speakers and patient stories to connect pharmacological concepts to practical clinical scenarios.
- **NCLEX Preparation:** Designing next-generation NCLEX-style questions and assessments to improve critical reasoning and test-taking skills.
- **Evidence-Based Practice:** Promoting the integration of current research and guidelines into medication administration and nursing interventions.
- **Patient-Centered Care Focus:** Emphasizing individualized care plans that address cultural considerations, patient education, and health literacy.
- **Technology Integration:** Teaching students to use electronic health records and clinical decision-support tools for medication management.

- **Foundational Knowledge Reinforcement:** Building a strong understanding of pharmacokinetics, pharmacodynamics, and pathophysiology to support clinical interventions.

Mental Health Nursing Practicum- Teach in a clinical practicum course with an average of 32 students, providing hands-on care and support in a fast-paced, academic acute care environment specializing in geriatric psychiatry.

Fall 2024 - Present

- **Trauma-Informed Education:** Incorporating principles of trauma-informed care to guide students in understanding and addressing complex patient histories.
- **Therapeutic Communication:** Training students to use active listening, empathy, and therapeutic techniques to build trust and rapport with patients.
- **Clinical Judgment Development:** Guiding students in assessing, prioritizing, and implementing care plans for patients with acute and chronic mental health needs.
- **Interprofessional Collaboration:** Encouraging teamwork with psychiatrists, social workers, and occupational therapists to model holistic care approaches.
- **Safety Protocol Training:** Teaching de-escalation strategies, patient safety monitoring, and risk assessments for managing behavioral health crises.
- **Reflective Practice:** Facilitating post-clinical debriefings to promote self-awareness, professional growth, and resilience in future nursing practice.
- **Advocacy and Ethics:** Instilling the importance of patient advocacy, ethical decision-making, and respect for geriatric patients' autonomy and dignity.
- **Mindfulness Integration:** Encouraging students to practice mindfulness techniques to manage their stress and model self-care for their patients.

Introduction to Clinical Concepts Teach in an introductory clinical course, guiding students in the development of essential psychomotor skills such as IV placement and medication administration, while providing foundational support in a dynamic learning environment.

Spring 2014 - Fall 2024

- **Psychomotor Skill Development:** Instruct students in foundational nursing procedures, including IV placement, medication administration, and basic wound care, ensuring safe and effective technique.
- **Faculty Mentorship:** Mentor new faculty members, promoting collaborative teaching strategies, fostering a supportive learning environment, and ensuring instructional consistency across the curriculum.
- **Student Engagement:** Foster a positive and interactive classroom environment to support the transition from theory to clinical practice.

Basic Clinical Concepts Co-teach a clinical course focused on core nursing concepts, utilizing high-fidelity simulations to engage students in advanced nursing skills and case-based learning to enhance clinical reasoning and critical thinking.

Spring 2014 - Fall 2024

- **High-Fidelity Simulation Integration:** Lead high-fidelity simulations to enhance students' proficiency in advanced nursing skills, including patient assessment, airway management, and emergency response.
- **Case-Based Learning:** Guide students through complex case scenarios to strengthen critical thinking, decision-making, and clinical reasoning skills.
- **Foundational Nursing Knowledge:** Provide clear, structured instruction on core clinical concepts to build a strong foundation for advanced nursing practice.

Adult Medical-Surgical Clinical Practicum Instruct in an adult medical-surgical clinical practicum, supporting eight students in managing complex patient conditions while promoting mindfulness, emotional resilience, and awareness of diversity, equity, and inclusion in healthcare practice.

Spring 2014 – Fall 2023

- **Complex Patient Management:** Support students in managing patients with multi-faceted medical and surgical conditions, encouraging clinical judgment and evidence-based care.
- **Mindfulness and Resilience:** Integrate mindfulness techniques into clinical practice to help students build emotional resilience and manage the stresses of nursing practice.
- **Diversity, Equity, and Inclusion (DEI):** Advocate for an awareness of DEI principles and implicit bias in healthcare settings, emphasizing culturally competent care and patient advocacy.
- **Clinical Skill Refinement:** Provide direct supervision and feedback to ensure the safe and effective performance of nursing interventions in dynamic patient care settings.

Mentoring

BSN Student Mentor – Honors Project

Spring 2025

- Guided a BSN student on an honors project focused on nurse burnout, fostering research and critical thinking skills.
- Provided individualized support for prioritization, critical thinking, and test-taking strategies.
- Addressed skill gaps in psychomotor skills with hands-on and targeted assistance.
- Fostered resilience and confidence in students through emotional support and stress management techniques.

Academic Success Coaching, College of Nursing, University of Iowa, Iowa City, IA Fall 2023 - Present

- Provided individualized support for prioritization, critical thinking, and test-taking strategies.
- Addressed skill gaps in psychomotor skills with hands-on and targeted assistance.
- Fostered resilience and confidence in students through emotional support and stress management techniques.

Clinical Appointments

Staff Nurse, 2JPE Geriatric Psychiatry, *University of Iowa Hospitals and Clinics, Iowa City, IA* November 2024 - Present

Staff Nurse, 7JCP Respiratory and Comprehensive Care & Palliative Care Unit, *University of Iowa Hospitals and Clinics, Iowa City, IA* 2015 – November 2024

Sexual Assault Nurse Examiner (SANE), *University of Iowa Hospitals and Clinics, Johnson County, IA* 2019 - 2023

Staff Nurse, 8JCP Burn and Trauma Unit *University of Iowa Hospitals and Clinics* 2010 - 2014

Presentations

Keynote Address, "*Oh, the Patients You Will Meet*," Iowa Association of Nursing Students Convention, Des Moines, IA, October 2024

Invited Lecturer, *Burns*, Nursing Pharmacology and Interventions II, University of Iowa College of Nursing, Iowa City, IA Spring 2015 - Fall 2023

Invited Lecturer, *Pulmonary*, Nursing Pharmacology and Interventions II, University of Iowa College of Nursing, Iowa City, IA Spring 2022 - Fall 2023

Invited Lecturer, *Gastrointestinal Alterations*, Critical Care Nursing, University of Iowa College of Nursing, Iowa City, IA Fall 2023

Invited Lecturer, *End of life care*, Critical Care Nursing, University of Iowa College of Nursing, Iowa City, IA Fall 2023

Presenter, "*Reducing Nurse Burnout*," American Burn Association Conference, Palm Springs, CA April 2013

Honors and awards

Nominee, Collegiate Academic Teaching Award - *University of Iowa, College of Nursing* November 2024

- Recognizes faculty who demonstrate exceptional teaching that surpasses standard expectations, inspiring students through innovative methods and meaningful mentorship. Nominees exhibit teaching excellence, contribute significantly to the College of Nursing’s educational mission, and enhance their instruction through scholarly or creative works.

DAISY Award – *University of Iowa Hospitals and Clinics* January 2018

- An international recognition program that honors extraordinary nurses for their compassionate care, clinical excellence, and commitment to making a meaningful difference in the lives of patients and their families.

Professional Certifications & Licensures

Registered Nurse , License #126296 – <i>Iowa Board of Nursing</i>	2010 – Present
Advanced Cardiac Life Support (ACLS)	2010 - Present
Management of Aggressive Behaviors (MOAB)	2025
Basic Life Support (BLS)	2010 - Present
End-of-Life Nursing Education Consortium (ELNEC)	2016
Advanced Burn Life Support (ABLS)	2011

Professional service

Committee member , Trauma-Informed Care Initiative, volunteer, University of Iowa Health Care	2024 - Present
Committee member , Quality of Life Committee volunteer, University of Iowa Hospitals and Clinics	2022 - Present
Deposition for SANE Case – Washington County Attorney, Washington County, IA	May 2021
Admissions Committee , <i>volunteer</i> – University of Iowa College of Nursing	2019 - 2023
Group Facilitator, Interprofessional Learning Program , <i>volunteer</i> – University of Iowa	Spring 2020

Research experience

Reducing Nurse Burnout- Co-Researcher, <i>University of Iowa Hospitals and Clinics</i>	2010 - 2013
<ul style="list-style-type: none"> • Evaluated burnout impacts on burn nurses; implemented evidence-based interventions. 	