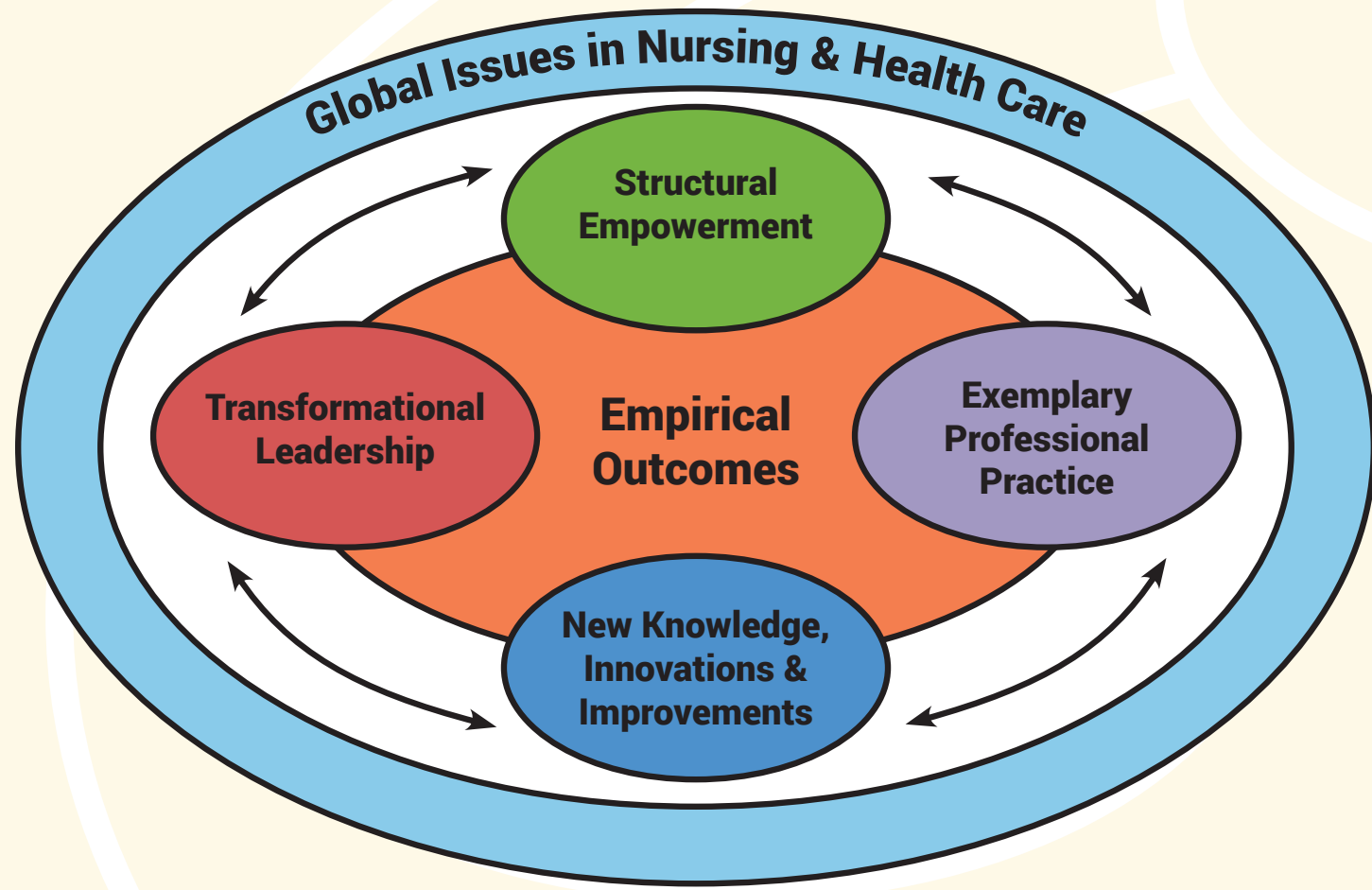


UNIVERSITY OF IOWA HOSPITALS & CLINICS

DEPARTMENT OF NURSING SERVICES AND PATIENT CARE



CALENDAR YEAR 2021 ANNUAL REPORT



ON THE FRONT COVER

ROW 1 Michelle Jackson , medical assistant II Ceegie Davis , intra-oral/cranio surgery technician Nearoth Peterschmidt , BSN, RN, staff nurse Stephanie Evans , DPT, PT, senior physical therapist	ROW 2 Jennifer Enriquez-Lawler , LMSW, social worker III Mark Mahler , EMT-PM, REMT-P, FP-C, flight paramedic Yolanda Brown , BA, nursing assistant Ashley Black , behavioral health consultant	ROW 3 Jeannette Wagner , surgical technologist Jennifer Paulsen , BSN, RN, CPN, staff nurse Obadiah Lee , BA, RRT, senior respiratory therapist
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Introduction

On behalf of the Department of Nursing Services and Patient Care at University of Iowa Hospitals & Clinics, I am delighted to present the Calendar Year 2021 Annual Report.

The report is centered around the American Nurses Credentialing Center (ANCC) model for the Magnet Recognition Program®. The model was designed to guide both nursing practice and research and is comprised of the following five components:

- 1. Transformational Leadership** – Visible, accessible, and responsive leaders who communicate expectations and develop a pipeline of future leaders; strong nursing mission, vision, values, philosophy of care, and professional practice model; nursing leaders at all levels who demonstrate advocacy and support on behalf of interprofessional team members and patients; and the chief nurse executive (CNE) is an organizational decision maker and influences change beyond nursing
- 2. Structural Empowerment** – Nurses throughout the organization are involved in shared governance and decision-making structures and processes that address opportunities for improvement and establish standards of practice; completion of ongoing educational needs assessments; evidence of continuing professional development and tuition reimbursement programs; access to web-based resources and support for nursing certification; and participation in local, regional, national, and international meetings and conferences
- 3. Exemplary Professional Practice** – Professional practice model that provides the framework for nurses, nursing care, and interprofessional patient care and illustrates the alignment and integration of nursing practice with the mission, vision, values, and philosophy of care; and programs and policies that support caregiver stress, diversity, clinician rights, confidentiality, care for the impaired caregiver, and methods to address interprofessional conflict
- 4. New Knowledge, Innovations & Improvements** – Evidence-based practice and research are integrated into clinical and operational processes as demonstrated by at least one nurse serving as a voting member of the Institutional Review Board (IRB) and a minimum of two completed nursing research studies and one ongoing research study during each designation timeframe
- 5. Empirical Outcomes** – Nurses throughout the organization contribute to patient, nursing workforce, organizational, and consumer outcomes

Organizations that have attained Magnet® designation are recognized as being at the pinnacle for nursing excellence due to the strict criteria set forth by ANCC that must be met or exceeded prior to each designation. Achieving Magnet® designation results in immeasurable benefits to the organization, some of which include attracting and retaining brilliant employees; improving care, safety, and satisfaction; fostering a collaborative culture; advancing nursing standards and practice; growing business and financial success; and validating and recognizing nursing excellence.

It is truly an honor to share a brief glimpse into some of the amazing work being done by individuals and interprofessional teams within the Department of Nursing Services and Patient Care that is directly aligned with the Magnet® model. I hope you are able to take a few moments to enjoy the content featured in the Calendar Year 2021 Annual Report.

Sincerely,

Kimberly D. Hunter, DNP, MBA, RN, NEA-BC
Chief Nurse Executive
University of Iowa Hospitals & Clinics

TRANSFORMATIONAL LEADERSHIP

Award-Winning Transformational Leaders

Transformational leaders meet future health care demands with vision, influence, clinical knowledge, and expertise related to professional practice. Among the many transformational leaders at UI Hospitals & Clinics are those recognized in 2021 through prestigious internal and external awards.

FELLOW OF THE AMERICAN ACADEMY OF NURSING

Lou Ann Montgomery, PhD, MAN, RN, NPD-BC, RN-BC, FAAN, director, nursing services

This award is considered the highest honor in the nursing profession. Montgomery’s seminal contributions to nursing include conducting landmark research and implementing evidence-based practices for family support and sibling visitation; providing visionary leadership and partnering with numerous academic nursing programs, including co-founding the UI Nursing Collaboratory; and building a creative, foundational infrastructure for onboarding new graduate nurses and advancing the professional development of nurses.



ANN WILLIAMSON AWARD FOR LEADERSHIP AND INNOVATION IN NURSING AND PATIENT CARE

Kara Prickett, MSN, RN, NPD-BC, nursing practice leader

This award recognizes a nurse, nurse leader, or clinical professional who has demonstrated an exceptional ability to lead and has an outstanding reputation for servant leadership and innovation. Prickett led development of the Nursing Education (NEd.) app that provides just-in-time, point-of-use training to nursing staff to quickly review need-to-know educational information. Prickett also refreshed everyday nursing education events and operations with creativity and technology.



THE PHIL AWARD, RESPIRATORY CARE

Jennifer Brown, RRT, senior respiratory therapist

The PHIL (Pulmonary Health and Illnesses of the Lung) Award recognizes excellence in respiratory therapy. Brown was nominated by a colleague for going the extra mile to make a difference in the lives of patients—for example, ensuring a patient in the Cardiovascular Intensive Care Unit was bathed, shaved, and dressed prior to the arrival of the patient’s spouse, which created a special, meaningful moment for the couple.



THE DAISY LIFETIME ACHIEVEMENT AWARD™

Laura Cullen, DNP, RN, FAAN, associate research scientist/engineer

This award is given to nurses who have devoted their life’s work to the compassionate care of others. Cullen is recognized by the global nursing community for pioneering research and publications on evidence-based practice, the process of applying clinical findings to patient care, and clinical decision-making. Cullen co-authored the Iowa Model, co-created the Iowa Implementation for Sustainability Framework, and co-authored the book *Evidence-Based Practice in Action*.





Transforming Nursing Certification: Stepping Up with New Success

The Department of Nursing Services and Patient Care supports and encourages all eligible nurses—from direct care to leadership—to obtain professional certification and recertification in their chosen nursing specialty or role.



Heather Eastman, MSN, RN, PEDS-BC, nursing practice leader

In late 2020, the Children’s and Women’s Services (CWS) division purchased access to a platform for studying and preparing to take numerous professional nursing certification exams. Under the transformational leadership of Heather Eastman, MSN, RN, PEDS-BC, nursing practice leader, CWS experienced an immediate increase in nurses successfully using this platform to prepare and pass eight CWS-related exams. The mobile device-friendly platform provides each participant with 24/7 access to high-quality, evidence-based, comprehensive, up-to-date content.



Lou Ann Montgomery, PhD, MAN, RN, NPD-BC, RN-BC, FAAN, director, nursing services

Lou Ann Montgomery, PhD, MAN, RN, NPD-BC, RN-BC, FAAN, director, nursing services, learned of this success and advocated to nursing leadership to extend the purchase to serve the entire department. With widespread platform access since spring 2021, the Department of Nursing Services and Patient Care has seen the same improvement, and content is available for 20 exams. As of Oct.15, 2021, 351 review courses had been accessed through the platform. Montgomery also convened a group of 19 certification champions across service lines and roles to help nurses with the platform and use other resources to achieve certification success.

Additional study resources continue to be available for those not wanting a platform approach. These include review courses and study materials from a lending library.

As of Sept. 30, 2021, the professional certification rate for all nurses across UI Hospitals & Clinics was nearing 50% (49.69%) due to efforts of many transformational leaders championing professional certification.

351

review courses accessed through platform

122

courses completed

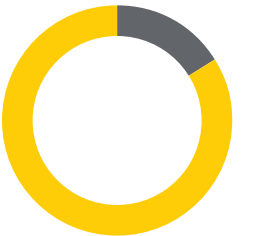
19

certification champions

49.69%

certification rate

Improve, Influence, and Inspire: Hunter Takes Reins as Chief Nurse Executive



84%

nursing response rate to
fall 2021 engagement survey

5,600+

employees in the Department of
Nursing Services and Patient Care

Kimberly Hunter, DNP, MBA, RN, NEA-BC, became chief nurse executive (CNE) on April 15, 2021. As CNE, Hunter leads the UI Hospitals & Clinics Department of Nursing Services and Patient Care and provides administrative oversight to nursing services, the Care Coordination division, the Department of Rehabilitation Therapies, and the Department of Respiratory Care.

Even though learning the day-to-day business and culture at UI Hospitals & Clinics will continue to take time and collaboration, Hunter immediately hit the ground running. Hunter has worked with individuals and interprofessional teams throughout the Department of Nursing Services and Patient Care to identify opportunities for improvement and to influence and inspire everyone to outperform their perceived capabilities in order to achieve remarkable patient, clinician, and organizational results.

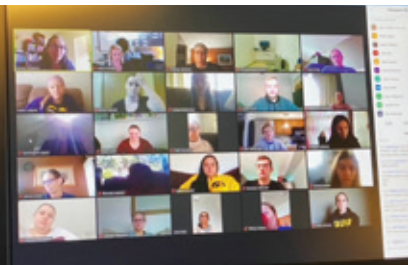
As Hunter spent time gathering information and performing an assessment, certain themes emerged: employee engagement, leadership development, staffing, and patient outcomes. The fall 2020 employee engagement results were shared, and nursing leaders met often to identify strategies and actions to increase engagement and provide support for frontline managers before the fall 2021 survey. Collectively, these efforts resulted in an increased nursing response rate from 72% to 84%.

Assessment efforts are currently underway in the area of leadership development to determine what will best meet the needs for both new and experienced nursing leaders. Recruitment and retention have been priorities as have patient safety and the patient experience.

Hunter quickly set the direction, determined priorities, and began supporting both individuals and teams in achieving the priorities. The Department of Nursing Services and Patient Care is extremely well-positioned as we move into what is sure to be a successful 2022!



Professional Development Opportunities Abound



Nursing Education offers numerous programs to enhance the professional development of all levels of nurses and interprofessional team members. Programs are free of charge or low-cost, and most programs grant continuing nursing education credits. Some programs can be used to meet requirements for direct care nurses applying for the Professional Recognition Program.

Marissa Johnson

Improving Infant Feeding Processes to Advance Neonatal Outcomes

Marissa L. Johnson, MSN, RN, CNL, RNC-LRN
Clinical Practice Leader, NICU

**NURSING
GRAND ROUNDS**
(JAN. 1 – SEPT. 30, 2021)

3 sessions

167 attendees

**NURSING RESEARCH
AND EBP GRAND
ROUNDS**
(JAN. 1 – SEPT. 30, 2021)

2 sessions

81 attendees

**CONTINUING
EDUCATION CLASSES**
(JAN. 1 – SEPT. 30, 2021)

259 courses

4,442 attendees
646 external attendees
3,796 internal attendees

**CLINICAL LEADERSHIP
DEVELOPMENT
ACADEMY**

21 participants
(2020–2021 cohort)

22 participants
(2021 cohort)

**LEADERSHIP
LEARNING-AT-LUNCH**
(JAN. 1 – SEPT. 30, 2021)

8 sessions

335 attendees

**STAFF NURSE
LEADERSHIP
DEVELOPMENT SERIES**
(JAN. 1 – NOV. 1, 2021)

85 Charge Nurse
Workshop attendees

91 Influencing Change
Workshop attendees

45 Staff Nurse
Leadership Workshop
attendees

**SHARED GOVERNANCE
WORKSHOP 2021**

366 attendees

221 total attendees

Comfortable with the Unknown

“You have to be willing to go the extra mile to have great patient outcomes. Patients are our focus.”

JENNIFER SMITH, BSN, RN, CNOR, STAFF NURSE



After more than 12 years at UI Hospitals & Clinics, Jennifer Smith, BSN, RN, CNOR, staff nurse, knows a thing or two about caring for others. When COVID-19 emerged, Smith put previous experience into practice.

“Change is inevitable,” says Smith. “What’s going to get you through is how you respond to the situation.” Smith says part of being an operating room nurse is becoming comfortable with the unknown.

“Nonverbal communication is key,” says Smith. “Being an OR nurse involves the skill, thinking about next steps, and reacting quickly to eight different things at once.” As the pandemic continues, Smith knows open communication is critical and is quick to share updates to keep team members informed when functioning as the charge nurse.

“You have to be willing to go the extra mile to have great patient outcomes,” Smith says. “Patients are our focus.” Smith knows surgery can be a scary thing for people at any time, particularly during COVID-19, but Smith is there to put their minds at ease.

“I love helping patients and giving them some of the confidence that I have,” Smith says. “Stepping forward, knowing that you can safely take care of the patients, changes the outlook for a lot of people.”

Smith was recognized and featured in a photo essay compiled by the *American Journal of Nursing* to highlight moments in nursing and midwifery care that occurred in 2020, which was initially set to be the Year of the Nurse and Midwife before COVID-19 became 2020’s biggest story.

McSpedon, C. (2021). A look back at the Year of the Nurse and the Midwife. *American Journal of Nursing*, 121(5), 47-52. <https://doi.org/10.1097/01.NAJ.0000751108.03578.51>

Show of Support Team

Diffusing potentially turbulent situations inside the hospital is one of the most delicate challenges some UI Hospitals & Clinics employees face. One way that challenge is made easier is by using the Show of Support (SOS) team. Over recent years, data has shown an increase in Code Greens (disruptive behavior by patients), but a decrease in restrictive outcomes, or situations in which an intervention of seclusion or restraint is necessary. The SOS team was developed to handle those episodes that may be resolved with verbal de-escalation or non-restrictive interventions.

The SOS team functions as a preliminary response team tasked with diffusing situations before a Code Green response is necessary. The team is comprised of a rotating pool of clinicians from Safety and Security and Behavioral Health Services, with one member from each department responding to a call at any one time.

During fiscal year 21, there were 310 SOS calls; 85% resulted in non-restrictive outcomes for the patient, and for 22%, the SOS team assisted in medication administration. The Emergency Department and the Internal Medicine Unit were the highest utilizers of the SOS team in fiscal year 21.

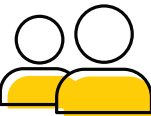


BEHAVIORAL RESPONSE LEVELS



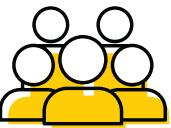
UNIT LEVEL

- Confused/delirious
- Irritable (easily annoyed/angered)
- Not following directions



SHOW OF SUPPORT

- Verbal threats to harm self/others
- Impulsive (quick to overreact)
- Staff concerned patient will escalate further



CODE GREEN

- Physical violence seems imminent
- Property destruction
- Elopement



6,000

morning labs per month

150

blood cultures per month

Adult Inpatient Phlebotomy: An Integral Component of the Department of Nursing Services and Patient Care

In September 2020, the adult inpatient phlebotomy team transitioned to the Department of Nursing Services and Patient Care from the Department of Pathology. The inpatient phlebotomy team covers all adult inpatient units across the Medical-Surgical Services, Intensive and Specialty Services, and Behavior Health Services divisions, drawing morning labs between 4 a.m. and 12:30 p.m., seven days a week. Since transitioning to the Department of Nursing Services and Patient Care, the vacancy rate for the adult inpatient phlebotomy team has decreased to 18%.

In March 2021, a phlebotomy training program for nursing assistants and medical assistants was developed. Since this initiative launched, the inpatient phlebotomy team has trained 13 clinicians from inpatient, ambulatory, and research arenas.

The adult inpatient phlebotomy team draws an average of 6,000 morning labs and 150 blood cultures for patients each month. In addition, the team implemented proactive unit rounding and courtesy lab draws on top of the scheduled morning labs.



Celebrating 100 Years of Social Services

The year 2021 marked the 100th anniversary of social workers playing an integral role at UI Hospitals & Clinics.

Jennifer Enriquez-Lawler, LMSW, social worker III



Alycia Karsjens, LMSW, social worker I



Social workers recognize the importance of empathy, critical thinking, and collaboration to support patients and families through the different stages of their care. Over the years, the Social Services team joined the Department of Nursing Services and Patient Care but never missed a beat in consistently providing exceptional care and assistance to patients across the care continuum from inpatient to outpatient or the Emergency Department to behavioral health settings. As time marched on, the need for a strong, solid team continued to grow as did the need for increased services.

The hospital's 1926 Social Services annual report mentioned the number of team members: a part-time head social worker, full-time assistant, part-time student assistant, and a secretary working with over 600 patients. Today, the social work team, part of the Care Coordination division, consists of over 100 social workers working with over 800 adult and pediatric inpatients on a daily basis in addition to being available to thousands more who are being seen in the Emergency Department or outpatient clinics.

"As the social worker, we pull all the pieces together to ensure a safe discharge," explains Jennifer Enriquez-Lawler, LMSW, social worker III, who works with patients from across Iowa. "We take recommendations from the medical team, physical and occupational therapy, and dietary along with looking at what their home life is like and what is available in their community."

Alycia Karsjens, LMSW, social worker I in the Emergency Department, is always ready to assist patients and their families. "I take pride in trying to be the calming force," Karsjens says.

100

YEARS OF SOCIAL WORK

19212021

THANK YOU
SOCIAL WORKERS!

DAYNA ADAMS

EVELYN AMIGON

LISA AUSTIN

CASEY BAUSTIAN

BRENDA BOESE

KELLY BREDFIELD

NICHOLLE BRITT

MARY BRUNN

MEGAN CABALLERO

LAUREN CAMPBELL

ANGELA CAREY

MEGAN CARNEY

KELLY CARR

JILL MARIE CARROLL

LANGE CLEMON

LEAH COLSCH

LORI CROSSER

KATY DEMEULENAERE

LYDIA DOUGLAS

KARI DUDLEY

JENNIFER DUFFY

LISA DYE

BRITINI ENGRAV

JENNIFER ENRIQUEZ LAWLER

RACHEL FUNK

MARGIA GILBERT

ERICA GRYP

AUDREY HALDEN

CAMERON HANSON

AMY HERSHBERGER

NICOLE ITO

ASHLEY JACKSON

MIRANDA JUAREZ

ALYCIA KARSJENS

LYN DEE KEALEY

ERIN KING

DANIELLE KRAMOLISCH

ALLYSON LARSEN

SARAH LAWSON

KERSTIN MARININ

PAIGE MARTIN-STANLEY

AMY MASON

EMILY MATHEWS

TIERNY MCALLISTER

NICOLE MCGLYNN

CARRIE MEANS

AUDRA MERCURE

LANCE MILLER

ERICA MORRIS

CHERYL NIELSEN

WHITNEY PAUL

MONTANA POPP

SARAH PROCHASKA

BRITTNEY PRUTER

STEPHANIE RAUCKHORST

KATIE RIES

ABIGAIL ROACH

JOSEPH ROBINSON

IRVIN RODRIGUEZ

LORI ROETLIN

TIFFANY ROTH

ABBY RUSCH

DANIELLE SCHULTE

KATHY SHEY

ERIN SIEH

KATIE SIEREN

COURTNEY VASSILIADIS

CARA VOLL

HEATHER VOSHELL

CARISSA WEMMIE

JOHN WERNER

SUE WITTE

ADAM YACK

ELIZABETH YANG

AUTUMN YARGER

ABIGAIL YODER

NOT PICTURED: ROXANNE ALTOIEDI, ANAHI ARAGON, BRIANA BOWEN, JESSICA BRIERTON, DOUG BULGER, MEGAN BURNS, TARRAH CASSENS, BLANCA CONTRERAS JACOB, ELLIE CROPPER, ELLEN GRAY, JENNIFER HAHN, LEAH HOUSER, WHITNEY JUST, ELIZABETH KAPP, MELISSA KEEN, KATIE LEE, AMY LEMKE, STEPHEN LOUTSCH, CHERYL LUTZ, CLAUDIA MAST, KELSEY MAY, JASON MILLER, KELLY MILLER, MICHELLE O'LEARY, JESSICA ROYAL, CATHERINE VANDER ZEE, JESSICA WILLIAMS

UNIVERSITY OF IOWA

HEALTH CARE

100+
social workers

800+
adult and
pediatric
inpatients
served each day



Discharge Lounge

The Discharge Lounge opened on Jan. 26, 2021, under the joint leadership of the Department of Nursing Services and Patient Care, Guest Services, and the Office of the Patient Experience. The goal is to utilize this space to facilitate early discharges and timely throughput of adult patients. The Discharge Lounge is open Monday through Friday from 9 a.m. to 5 p.m. and was made possible through the financial support of Volunteer Services at UI Hospitals & Clinics.

Some specific criteria and processes for using the Discharge Lounge include:

- Adult self-ambulating, self-care medical, or surgical patients who were observation, acute, or intermediate patients and are discharging to home and awaiting transportation
- Patient able to self-administer medications
- Discharge orders are written, fully executed, and home-going prescriptions are picked up prior to the patient being taken to the Discharge Lounge

When an eligible patient is identified, the unit nursing staff communicate to the Discharge Lounge to confirm there is an open chair for the patient and confirm the anticipated patient pick-up time. Once the patient is approved to use the Discharge Lounge, the nurse will have a conversation with the patient regarding the reason for the move.

The Discharge Lounge staff greet the patient, help them into a recliner, and ask when they expect their transportation to arrive. A blanket, bottled water, and diversional activities are offered to the patient.

SUCCESSES (JAN. 26 – OCT. 26, 2021)

18 UNITS

have sent patients to the Discharge Lounge; the Medical-Surgical Cardiology Unit, Medical-Surgical Hematology/Oncology/Urology Unit, and Short Stay Unit led the way

317 PATIENTS

have used the Discharge Lounge

Use of the Discharge Lounge has freed up inpatient beds

350 HOURS EARLIER

than expected, which has supported throughput from the Emergency Department and Post-Anesthesia Care Unit

SAMPLE SCRIPTING

"We have all of your discharge teaching completed, and you have your discharge paperwork. We know that your ride to take you home is coming soon, so we are going to have you wait for them in our Discharge Lounge. There will be hospital staff available in the lounge. We will be sure to communicate this with the driver, who is coming to pick you up. Thank you!"

Worth Every Mile: Commuting to UI Hospitals & Clinics

Rick Poore, RN, perioperative staff nurse, travels from Waterloo to Iowa City to work in the operating room as part of the surgical team caring for ear, nose, and throat patients. It is more than 80 miles each way, but Poore doesn't mind.

"People are sometimes surprised when they hear how far I drive to work each day," says Poore. "But it's not a big deal. The drive in gets me ready for the workday, and the drive back lets me unwind so that when I step through the door at home, I am able to focus on my family."



Rick Poore, RN, staff nurse,
and Hannah Delveau, BSN,
RN, staff nurse

Poore previously worked in Waterloo, but when Poore started looking for a place of employment that offered a supportive yet challenging work environment, UI Hospitals & Clinics rose to the top.

More than four years after making the switch, it remains one of Poore's best decisions.

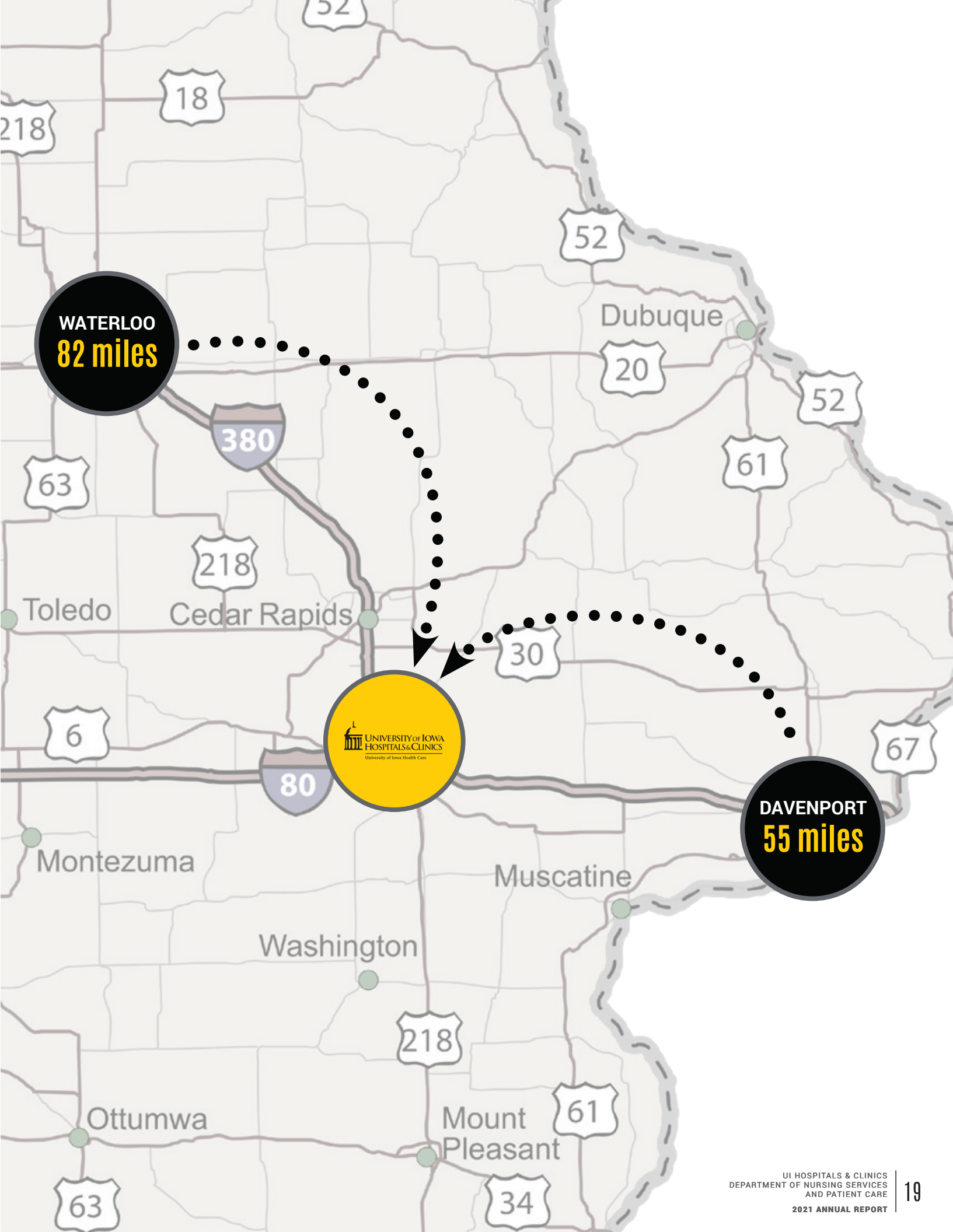
"We self-schedule, so we can rotate which day we want off. If I have a doctor's appointment, I can schedule my days around that," Poore says. "It's that kind of structured team support that really goes a long way in finding a job you love."

Hannah Delveau, BSN, RN, staff nurse on the Medical-Surgical Hematology/Oncology/Urology Unit, feels the same way.

"When I was going to school, I thought to myself that it was ridiculous to drive an hour [from Davenport] to work. In fact, UI Hospitals & Clinics wasn't even on my radar to apply for a job, but I went there for my preceptorship before I got my degree. I think it was only my first or second day on the job, and I realized I didn't want to work anywhere else."

The welcoming atmosphere, opportunities to learn, and encouraging growth appealed to Delveau.

"Managers are so flexible and understanding. They really mentor you as you go about your day, which has been wonderful," Delveau says. For nurses who commute, the intangible benefits are worth so much more. The hospital's reputation attracts talent, and their co-workers make them feel welcome.



Bridging the Communication Gaps from Preop to Phase II



Lori Jenkins, BSN, RN, CNOR, CAPA, nursing practice leader

Lack of a standard process or tool to communicate patient information and parental concerns from the preoperative (preop) setting to the Post-Anesthesia Care Unit (PACU) may result in suboptimal patient care. Inconsistent processes or tools can lead to incomplete handoffs between surgical and anesthesia colleagues, followed by incomplete movement of information downstream during handoff between PACU nurses and second-stage recovery prior to discharge nurses (phase II).

Lori Jenkins, BSN, RN, CNOR, CAPA, nursing practice leader; Laura Wittmann, BSN, RN, staff nurse; and Julie Williams, MHA, BSN, RN, CAPA, interim associate director, nursing services, led a project to develop a tool to improve communication of patient information from the preop setting to PACU, provide prompts to obtain more complete PACU handoffs from surgery

and anesthesia colleagues, and provide structure for nurse-to-nurse handoffs downstream from PACU. These efforts focused on improving safety, efficiency, and patient and parent satisfaction.

Select project activities included pre-pilot audits to determine current communication processes between settings and clinician surveys pre- and post-pilot regarding communication gaps and handoff challenges. The pre-pilot feedback was then used to develop a communication tool that was piloted and refined based on user feedback.

The tool was successfully piloted and adopted by clinicians, and the post-pilot surveys indicated that clinicians felt the quality of handoffs improved. Post-pilot audits revealed sufficient use of the tool to provide patient and parent information from the preop setting and improved quality of handoffs on PACU arrival.

Jenkins disseminated project information and results externally to colleagues attending the 2021 American Society of PeriAnesthesia Nurses (ASPA) National Conference, which was held virtually in April 2021.

56%

(n=9) strongly agreed and 44% (n=7) agreed that nursing handoff from preop to PACU improved

69%

(n=11) strongly agreed and 25% (n=4) agreed that nursing handoff from PACU to phase II improved

The DAISY Team Award™: Emergency Department

The DAISY Team Award™ honors collaboration between two or more people, led by a nurse, who identify and meet patient and/or family needs by going above and beyond the traditional role of nursing. The highly deserving team honored in 2021 with this prestigious award was the Emergency Department (ED).

While commitment to emergency medicine is evident in the care provided to patients every day, each ED team member's dedication to the department was highlighted in early summer 2021. A violent incident occurred in the ED waiting room, where there were over 40 patients and visitors. The ED team immediately called 911, evacuated the area, and locked down the unit. Once the individual was subdued, the ED team began providing medical care. The waiting room and triage reopened an hour after the incident. The team never stopped working and ensured minimal interruptions to patients.

The ED team was deeply impacted by the incident, but the team supported each other and used the event as a springboard for change. Team members checked on each other multiple times a day and ensured peers could attend debriefings. They cried together and assisted each other on the job and outside of work. The team used the situation to highlight opportunities to improve security and

patient care. Nursing staff implemented twice-daily interprofessional huddles that begin with a motivational word of the day—responsibility, accountability, determination, contribution, resilience, perspective, faith, for example—followed by a unit overview, which led to a collaborative atmosphere and positive mindset, and ensured that all disciplines know current ED state.

That fateful night showcased the extreme situations that ED staff sometimes encounter. More important, it highlighted the professional way the team responds to situations, how they support each other, how determined they are to improve the ED, and how they always put the patient first.



44

rooms

5

triage spaces

145

patients/day on average

145+

nurses, paramedics, and nursing assistants

38

attending physicians

4

pharmacists



New Inpatient Psychiatry Unit Creates Positive Experience

A new inpatient psychiatry unit, opened on March 24, 2021, offers a different look and an updated model of care focused on preventing problem behaviors. The unit was specifically designed to feature new amenities that help create a more positive experience for both patients and clinicians, including:

- A brighter space with more natural light
- New exercise equipment
- All private rooms
- Two sensory/destimulation rooms
- A new position, behavioral health consultant (BHC), which refers to individuals who have a specialized skill set in multiple therapeutic modalities such as dialectical behavior therapy, applied behavior analysis, and rational behavior therapy

One side of the unit has 13 beds for patients older than 14 years of age in need of treatment for eating disorders. The other side of the unit is 12 beds for patients primarily needing treatment for mood disorders.

As other hospitals and health systems throughout Iowa have closed similar units, this move represents UI Hospitals & Clinics' devotion to the mental health of Iowans and continued commitment to all patients seen within the facilities.

25-bed

inpatient psychiatry unit

TYPICAL DAY:

- 4 nurses
- 5 psychiatric nursing assistants
- 2 nursing unit clerks
- 1-2 behavioral health consultants



COVID-19 Care Across the Continuum

Turning on a dime was critical when it came to UI Hospitals & Clinics’ COVID-19 response. Three key initiatives involved developing the Home Treatment Team, establishing a contact tracing process, and delivering vaccinations safely and efficiently to the Johnson County community and people of Iowa.

20,655

positive patients contacted by Home Treatment Team (March 2020 – November 2021)

HOME TREATMENT TEAM

A COVID-19 Home Treatment Team telehealth program was developed within a week of UI Hospitals & Clinics admitting its first COVID-19 positive patient in March 2020. Under the leadership of Stephanie Stewart, PhD, RN, RNC-NIC, associate director, nursing services, and Andrew Bryant, MD, clinical assistant professor, the Home Treatment Team was launched to monitor symptoms of all ambulatory COVID-19 positive patients in order to detect early physiological distress of high-risk patients at home and reduce the risk of overburden to the health care system.

In August 2020, the home treatment program transitioned to the influenza-like illness (ILI) team led by Katie Bulin, MBA, BSN, RN, CEN, nurse manager, and Robert Linnell, MPAS, PA-C, PA/ARNP/ NNP supervisor. To this day, the nurse team continues to contact all COVID-19 positive patients within 24 hours and provide education

regarding the disease while triaging symptoms and offering a telemedicine visit with a provider or in-person ILI Clinic follow-up. High-risk patients are sent a kit containing portable devices to measure oxygen levels and blood pressure in collaboration with the pharmacist team. The ILI providers collaborate with the internal medicine team if a patient requires triage to an inpatient level of care.

The program now includes resources in the electronic health record patient portal, such as Self-Checker, for patient-initiated triage and COVID-19 test scheduling. Another application available through the patient portal is Care Companion, which sends daily surveys to COVID-19 patients and gives care recommendations. Results are sent to ILI providers for follow-up based on patients’ answers. Both allow for efficient access to safe care for all patients while reserving hospital resources for the sickest patients.

CONTACT TRACING

The University Employee Health Clinic (UEHC) started employee contact tracing for infectious diseases on Aug. 3, 2020. Since then, UEHC has learned much about the COVID-19 virus and how it spreads, focusing on continuous improvement to better track potential exposures and keep the UI Hospitals & Clinics community safe.

Employees positive for COVID-19 are contact traced to ensure others have not had a high-risk exposure. Individuals with potential exposures are investigated and counseled to self-monitor or quarantine to break the chain of transmission. They also are scheduled for testing at pre-determined timeframes to catch asymptomatic positive cases. Data collected by the contact tracing team is used to help better understand and track the spread of COVID-19 within UI Hospitals & Clinics to help keep patients, visitors, and team members safe.

Average call volume in November/ December 2020 before the vaccine:

160 calls/day during clinic hours

Currently, 1 contact tracing clerk and 6 UEHC nurses

handle lead roles during clinic hours and on weekends



COMMUNITY IMMUNITY

UI Hospitals & Clinics marked a milestone in its COVID-19 vaccination journey on Feb. 3, 2021, with 1,005 first-dose vaccinations administered in one day for Johnson County residents.

This was made possible through the collaboration of many teams to convert the first floor of the Health Care Support Services Building (HSSB) in Coralville, Iowa, into an efficient and safe space to receive a vaccine. The operational efficiency and flow of the space meant that there were no lines, physical distancing could be maintained at each step, and first-dose-vaccinated individuals left with their second vaccine appointment already booked.

For the team members giving the vaccinations and the patients receiving the vaccinations, it was a meaningful day.

As of Oct. 27, 2021, UI Hospitals & Clinics has administered 39,701 COVID-19 vaccines to Iowans.

1,005

first-dose vaccinations in 1 day

39,701

vaccinations from Feb. 3 – Oct. 27, 2021



4

research studies



UI Hospitals & Clinics is **one of more than 60 hospitals** participating in Magnet4Europe: the U.S. Clinician Well-Being Study and an international twinning hospital experience

Investigators Conduct Research to Discover

UI Hospitals & Clinics leaders and clinicians understand the importance of nursing research. New studies are centered on helping clinicians and patients, despite challenges from the pandemic.

- Jodi Bloxham, DNP, ARNP, CPNP-AC, CPNP-PC, clinical assistant professor; Stephanie Stewart, PhD, RN, RNC-NIC, associate director, nursing services; Paula Levett, MS, RN, CCRN-K, nursing practice leader; and Danielle Hodge, DNP, ARNP, PNP-AC, critical care/neonatal ARNP, collaborated on a study to assess parental anxiety related to visitor restrictions during COVID-19 in the Pediatric Intensive Care Unit.
- Laura Cullen, DNP, RN, FAAN, associate research scientist/engineer; Kirsten Hanrahan, DNP, ARNP, CPNP-PC, FAAN, director, nursing services; Stephanie Edmonds, PhD, MPH, RN, nurse scientist; and Michele Wagner, MSN, RN, CNRN, nursing practice leader, developed the Iowa Implementation for Sustainability Framework, which provides guidance to clinicians who are implementing a practice change. With feedback from members of the

Nursing Practice Leader/Clinical Practice Leader Council, investigators used a four-step, iterative mixed-methods approach to evaluate and revise this framework.

- Cullen and Edmonds have also partnered with Priya Pennathur, PhD, associate professor, UI College of Engineering, to understand how triage nurses working in the Integrated Call Center navigate patient phone calls about COVID-19 with frequently updated guidance from public health officials.
- Hanrahan is the site investigator for the U.S. Clinician Well-Being Study. The purpose is to determine whether the value of positive work environments affects clinicians' well-being and patient safety and quality of care. This study is taking place at over 60 Magnet®-designated hospitals.



Innovations in Nursing & Patient Care

“Never was there a more perfect storm for innovation and change in health care. We rose to the occasion.”

KIRSTEN HANRAHAN, DNP, ARNP, CPNP-PC, FAAN, DIRECTOR, NURSING SERVICES

4
innovations

Guest speakers sparked the spirit of frontline innovators in 2021. Rose Hedges, DNP, RN, nursing research and innovations coordinator with UnityPoint Health, presented “Nursing Innovations: Prototyping at the Point of Care” at Nursing Grand Rounds, and Dan Weberg, PhD, MHI, BSN, RN, head of clinical innovation with Trusted Health, inspired with “Nursing’s Blockbuster Moment: Innovation and the Future of Our Profession” at the Ann Williamson Leadership and Innovation Event.

The Department of Nursing Services and Patient Care was awarded \$50,000 in funds by the Office of the Chief Innovation Officer to jump start projects. UI Ventures provided mentoring and key connections.

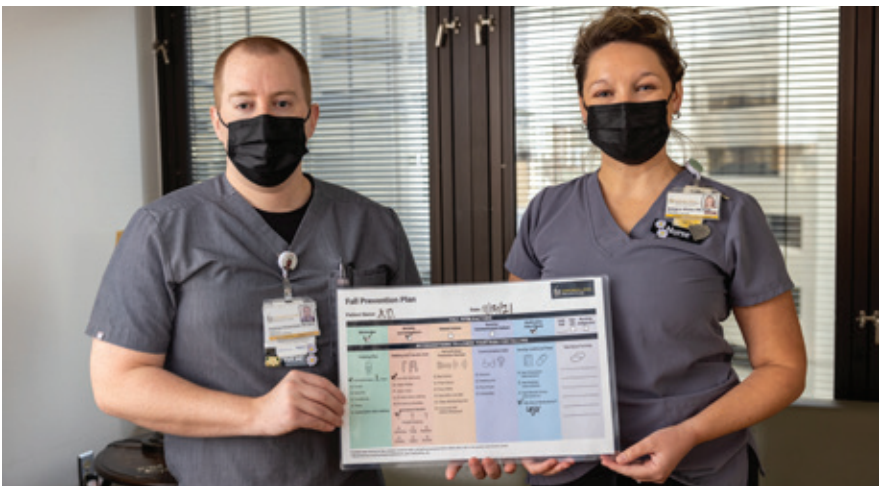
In partnership with UI Hospitals & Clinics clinicians and UI College of Engineering students, Laura Cullen, DNP, RN, FAAN, associate research scientist/engineer, and Priya Pennathur, PhD, associate professor, UI College of Engineering, developed and evaluated a device to prevent common medication errors related to roller clamps.

Abigail Holtkamp, BSN, RN, staff nurse, and Molly Kucera, MBAHC, BSN, RN, CNAMB, CNOR, interim associate director, nursing services, took the idea for a cart to safely store surgical hoods worn for total joint repair procedures to Master Tool & Manufacturing in Hiawatha, Iowa, and co-created a design and prototype for testing.

An interprofessional team, led by Julia Langin, MSN, RN, CWON, CMSRN, nursing practice leader, took a UI developed computer application, for auditing hospital-acquired pressure injuries (HAPI app) to NewBoCo (New Bohemian Innovation Collaborative) in Cedar Rapids, Iowa, for redesign, with plans to expand to other quality metrics.

Kara Prickett, MSN, RN, NPD-BC, nursing practice leader, and Nursing Education colleagues took NEd., the innovative, just-in-time education platform they developed, to Bio::Neos, a software company in Coralville, Iowa, for customer discovery and market research.





Evidence-Based Practice Improves Care

The Evidence-Based Practice (EBP) Internship and EBP Change Champion programs bring frontline clinicians to the forefront of promoting and implementing change. Through education, training, mentorship, and support, these clinicians lead teams through the EBP process and create a practice change for their local setting.

In 2021, six interns and one staff nurse mentor were celebrated for the work they accomplished:

- **Margo Cox**, BSN, RN, staff nurse: Evidence-Based Pain Assessment in Nonverbal Palliative Care Patients
- **Allison Hanson**, BSN, RN, PMGT-BC, nurse clinician, and **Seth Jackson**, BSN, RN, staff nurse mentor: A Functional Pain Scale in Adult Cardiothoracic Inpatients
- **DeeAnn Hebrink**, RN, PEDS-BC, staff nurse: Supportive Care for Children with Autism Spectrum Disorder During Venipuncture
- **Sarah Helle**, BSN, RN, CPN, staff nurse: Standardizing Pediatric Non-Oncology Acute Infusion Reaction Processes
- **Peggy Lyon**, MA, RD, LS, CNSC, dietitian II: Evidence-Based Oral Nutritional Supplements for Medical/Surgical Patients

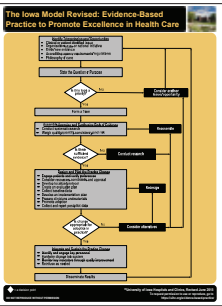
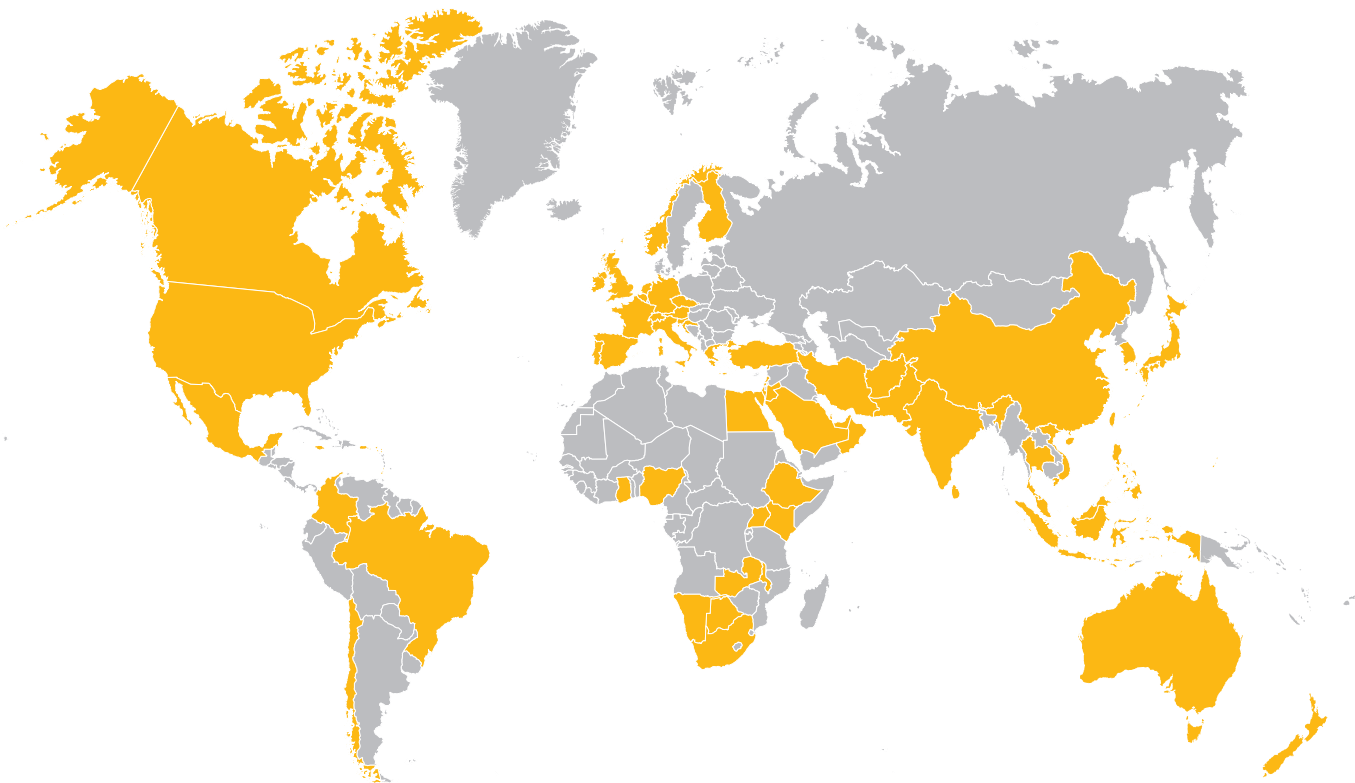
- **Emily Neeld**, BSN, RN, nurse clinician: Supporting Families Across the Lifespan: Transition of Care for Patients with Chronic Kidney Disease From Pediatric to Adult Care Services

Additionally, eight EBP change champion and leader partner teams completed fall reduction or safe patient handling projects in ambulatory and inpatient settings. An example of one of the eight projects is highlighted below:

- EBP change champion **Andrew Robertson**, BSN, RN, staff nurse, and practice partner **Brittany Wetjen**, BSN, RN, OCN, assistant nurse manager, created an innovative decision support tool to engage patients in preventing falls on the Medical-Surgical Hematology/Oncology/Urology Unit

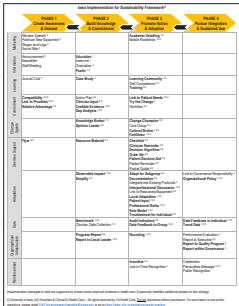
Nursing Research and Evidence-Based Practice

UI Hospitals & Clinics nurses and interprofessional teams generate new knowledge through research and disseminate findings for global impact. Applying evidence requires adaptation and innovation to improve healthcare for patients and the community. UI Hospitals & Clinics’ reputation as world leaders in evidence-based practice (EBP) is demonstrated by reach of the Iowa Model and Iowa Implementation Framework.



IOWA MODEL (2001-2021)

9,750 requests
50 states
63 countries
1,241 citations



IOWA IMPLEMENTATION FRAMEWORK (2013-2021)

5,824 requests
50 states
59 countries
125 citations

ACTIVE DISCOVERY LED BY THE DEPARTMENT OF NURSING SERVICES AND PATIENT CARE (2021)

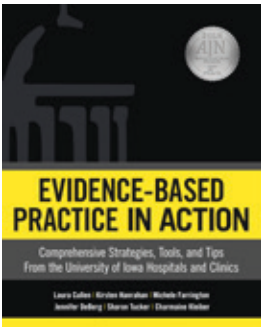
- 20 research studies
- 32 EBP projects
- 8 EBP Change Champion projects
- 4 innovations



28TH NATIONAL EVIDENCE-BASED PRACTICE CONFERENCE (APRIL 14–15, 2021)

- 1st virtual event with hybrid of live and recorded sessions
- 340 participants
- Over 80 posters and 20 recorded video presentations
- 156,483 sponsor impressions
- 1,527 total webpage views
- 1,189 messages exchanged by participants
- 1,123 profile views
- 731 attendee interactions
- 239 recommends
- 87% loved the app platform
- 75 photos posted with 357 likes

EVIDENCE-BASED PRACTICE IN ACTION (2018-2021)



- 828 library holdings
- 19,231 total downloads
- 49 states
- 41 countries
- 55 citations
- The second edition of *EBP in Action*, loaded with examples of EBP led by UI Hospitals & Clinics clinicians, will be released in summer 2022.



EMPIRICAL OUTCOMES

NICU Neuroprotection: Interventions Supporting the Developing or Injured Brain

IN FISCAL YEAR 21

5.7

average days to first eligible skin-to-skin holding (down from 9.2 days in fiscal year 20)

80.4%

of patients >36 weeks were held skin-to-skin during their admission (up from 79.2% in fiscal year 20)

Neuroprotection in the Neonatal Intensive Care Unit (NICU) uses four pillars of care: supporting a healing environment, individualizing infant care, strengthening and supporting families, and working collaboratively. Evidence-based interventions include skin-to-skin holding, positive feeding experiences, and infant reading. Skin-to-skin holding, which involves a parent holding their diapered infant on their bare chest, is associated with improving infant’s quality of movements, decreasing infant stress signals, improving breastfeeding rates, decreasing pain scores, and promoting parental-infant bonding, psychological well-being, and parental involvement.



Positive infant feeding experiences are achieved through sensitive oral approaches, developmental readiness scoring, drops of milk or non-nutritive breastfeeding during tube feedings, following infant stress cues, and utilizing reliable feeding systems. Providing a positive feeding experience decreases an infant’s risk for feeding refusals, oral aversion, texture disapproval, and oral-motor problems.

IN FISCAL YEAR 21

21.4

average days to achieve full oral feeding (down from 21.8 days in fiscal year 20)

97%

of patient discharges without a nasogastric or gastrostomy tube (up from 90.1% in fiscal year 20)



Reading to infants is beneficial, even for those born very early. From 26 weeks on, infants can perceive and react to auditory information. By 35 weeks, auditory processing helps learning and memory. Reading strengthens neural connections; promotes social, emotional, and language development; supports language and reading outcomes; and promotes parent-child interactions. Reading provides cognitive nutrition where language-rich interactions are integral to an infant’s brain development. It is one of many neuroprotective interventions that improves outcomes for UI Stead Family Children’s Hospital’s smallest patients.

To celebrate national literacy and NICU awareness month in September, the NICU participated in their first-ever Babies with Books Read-a-Thon, an annual worldwide event promoting reading. During this event, babies 27 weeks and greater were read to for specific, evidence-based times to promote auditory stimulation. Parents, team members, and trained volunteers read to patients. UI Stead Family Children’s Hospital ranked 21st out of 120 participating NICUs with 837 reading sessions for approximately 9,938 minutes during the 10-day challenge.



Strong Educational Infrastructure Promotes Competence and Confidence Among Nursing Staff

Nursing practice leaders in Nursing Education are dedicated to onboarding new nursing staff and supporting their successful transition and ongoing professional development. These talented nurse educators have nimbly pivoted when challenged with pandemic restrictions, which impacted teaching strategies and unpredictable class volumes. As a result, UI Hospitals & Clinics achieved and sustained national accreditation for two transition-to-practice programs and increased participation of nurses in the Professional Recognition Program.

ONBOARDING

During fiscal year 21, there were 1,249 new hires to the Department of Nursing Services and Patient Care who were successfully onboarded. Nursing practice leaders Kristina Beachy, MSN, RN, CNOR, CPAN; Rachel Wichmann Hottel, MSN, RN, NPD-BC; April Roe, DNP, RN, NEA-BC; Sarah Schneider, MSN, RN, PCCN, NPD-BC; and Christina Woline, DNP, RN, NPD-BC, along with staff development instructor Louise Letendre, RN, were instrumental in providing the initial onboarding education. Orientation schedule changes included reducing the inpatient electronic health record training to one day, clustering health services professional training for nursing assistants/psychiatric nursing assistants outside their initial orientation week, and scheduling Compassionate Connected Care™ (C3) training to coincide with inpatient registered nurse and nursing assistant/psychiatric nursing assistant start dates.



Kristina Beachy, MSN, RN, CNOR, CPAN, nursing practice leader



Janet Hosking, DNP, RN, NPD-BC, CHSE, nursing practice leader



Rachel Wichmann Hottel, MSN, RN, NPD-BC, nursing practice leader



Katie Knox, PhD, RN, clinical assistant professor



Louise Letendre, RN, staff development instructor



April Roe, DNP, RN, NEA-BC, nursing practice leader



Sarah Schneider, MSN, RN, PCCN, NPD-BC, nursing practice leader



Christina Woline, DNP, RN, NPD-BC, nursing practice leader

NURSE RESIDENCY PROGRAM

The Nurse Residency Program has been accredited twice by the Commission on Collegiate Nursing Education as an entry-to-practice nurse residency program. The 12-month program utilizes the Vizient and American Association of Colleges of Nursing Nurse Residency Program™ curriculum. The program is a joint collaboration between UI Hospitals & Clinics and the UI College of Nursing and is led by Janet Hosking, DNP, RN, NPD-BC, CHSE, nursing practice leader, and Katie Knox, PhD, RN, clinical assistant professor. Upon hire, all new graduate nurses are automatically enrolled. During the pandemic, the program moved to a hybrid format (virtual and in-person) in order to safely provide support and educational opportunities for the new graduate nurses.

251

nurses participated in the program in fiscal year 21

221

nurses completed the program (88.0%) in fiscal year 21

EXPERIENCED NURSE FELLOWSHIP PROGRAM

The Experienced Nurse Fellowship Program (ENFP) is accredited as a Practice Transition Accreditation Program® by the American Nurses Credentialing Center. The ENFP is the first fellowship program in Iowa, and sixth globally, to achieve this designation. The six-month program, led by Sarah Schneider, MSN, RN, PCCN, NPD-BC, nursing practice leader, is designed to assist experienced nurses during their transition to the role of an acute care nurse at UI Hospitals & Clinics. Experienced nurses new to adult and pediatric inpatient units, the Emergency Department, perioperative services, and the Ambulatory Surgery Center are automatically enrolled in the program. During the pandemic, the program moved to a hybrid format (virtual and in-person) in order to safely provide continued support and educational opportunities for experienced nurses.

FISCAL YEAR 20

97 nurses participated in the program; 85 completed the program (87.6%)

FISCAL YEAR 21

87 nurses participated in the program

PROFESSIONAL RECOGNITION PROGRAM

The Professional Recognition Program (PRP) recognizes accomplishments of direct care nurses; incentivizes them to stay engaged in direct patient care as they support safety, quality, and research; and provides compensation for consistently going “above and beyond requirements of their assigned role.” The program is co-led by Sarah Schneider, MSN, RN, PCCN, NPD-BC, nursing practice leader, and Kristina Beachy, MSN, RN, CNOR, CPAN, nursing practice leader. Thirty-one professional achievements and contributions (PACs) are used to measure PRP qualifications, with each nurse developing a professional portfolio, highlighting how they meet select PACs. The PRP has two levels: silver (level 1) and gold (level 2).

117

PRP recipients: 101 staff nurses and 16 nurse clinicians

87

nurses awarded silver (level 1)

30

nurses awarded gold (level 2)

Emergency Medical Services Learning Resources Center

Since 1978, the Emergency Medical Services Learning Resources Center (EMSLRC) has provided initial education for persons seeking certification and licensure as providers of out-of-hospital emergency care. Graduates of the Emergency Medical Services (EMS) education programs go on to work as emergency medical technicians and paramedics in communities across Iowa and the nation. The EMSLRC also provides CPR training and continuing professional education such as advanced cardiac life support, pediatric advanced life support, and trauma care courses to community members, first-responder personnel, and health care providers internal and external to UI Hospitals & Clinics.



DATA FROM JAN. 1 – NOV. 1, 2021

EMERGENCY MEDICAL SERVICES COURSES

Emergency Medical Responder
Spring 2021 at the Oxford, Iowa, Fire Department: **11**
Total EMR graduates: 11

Emergency Medical Technician
Spring 2021 at UI Hospitals & Clinics: **13**
Spring 2021 at the Lone Tree, Iowa, Fire Department: **12**
Summer 2021 at UI Hospitals & Clinics: **44**
Fall 2021 at UI Hospitals & Clinics: **12**
Fall 2021 at the Coralville, Iowa, Fire Department: **13**
Total EMT graduates: 94

Paramedic
Fall 2020 class (graduated in May 2021): **9**
Spring 2021 class (graduated in September 2021): **8**
Total paramedic graduates: 17

Emergency Medical Services Instructor
Spring 2021 internal and external cohorts: **9**
Fall 2021 cohort: **10**
Total EMS-I graduates: 19

TOTAL EMS GRADUATES: 141

EMS SKILLS TESTING

National Registry of Emergency Medical Technicians Paramedic Psychomotor Examination
Full exams delivered: **84**
Retest exams delivered: **24**
Total exams delivered: 108

Iowa EMT Psychomotor Examination
EMT Psychomotor exams delivered: **112**
Retest exams delivered: **1**
Total exams delivered: 113

TOTAL EMS EXAMS DELIVERED: 221

EMS SPECIALTY CERTIFICATION

Prehospital Trauma Life Support
Provided within the paramedic program: **17**
October 2021 at the Muscatine, Iowa, Fire Department: **15**
November 2021 at the Altoona, Iowa, Fire Department: **7**
Total PHTLS participants: 39

Advanced Medical Life Support
Provided within the paramedic program: **17**
Total AMLS participants: 17

TOTAL EMS SPECIALTY CERTIFICATION PARTICIPANTS: 56

TRAUMA CERTIFICATION COURSES

Advanced Trauma Life Support
New providers: **54**
Renewal providers: **90**
Total ATLS participants: 144

Trauma Nursing Core Course
Outside personnel: **16**
UI Hospital & Clinics personnel: **26**
Total TNCC participants: 42

Emergency Nursing Pediatric Course
Outside personnel: **1**
UI Hospitals & Clinics personnel: **22**
Total ENPC participants: 23

TOTAL TRAUMA CERTIFICATION PARTICIPANTS: 209

AMERICAN HEART ASSOCIATION COURSES

Basic Life Support/CPR
UI Hospitals & Clinics employees: **3,605**
Non-UI Hospitals & Clinics employees: **489**
Total BLS trained: 4,094

Advanced Cardiac Life Support
Total ACLS trained: 290

Pediatric Advanced Life Support
Total PALS trained: 132

TOTAL AHA TRAINED: 4,516

Respiratory Care

Respiratory Care is a health care specialty that administers acute and chronic treatment, management, diagnostic evaluation, and care of patients with deficiencies and abnormalities with the cardiopulmonary system. Respiratory therapists manage ventilators and other life support equipment to support adult, pediatric, and neonatal patients during their critical phase of hospitalization.

SERVICES PROVIDED

- Invasive and non-invasive ventilation
- Airway management
- Bronchoscopy assist
- Oxygen and inhaled medication administration
- Administration of inhaled specialty gases
- Non-invasive monitoring
- Arterial blood gas sampling and analysis
- Bronchopulmonary hygiene
- Internal and external transportation of critically ill ventilated patients
- Hyperbaric medicine services – Iowa’s only 24/7 emergency services for critically ill patients
- Adult and pediatric diagnostic and interventional bronchoscopy
- Adult and pediatric pulmonary function & exercise testing and metabolic measurements
- Patient education
- Participation in various clinical research studies

COVERAGE AREAS

- 24/7 coverage for adult units: Burn Treatment Center, Cardiovascular Intensive Care Unit, Medical Intensive Care Unit, Respiratory Specialty and Comprehensive Care Unit, and Surgical and Neurosciences Intensive Care Unit, plus all other adult inpatient units
- 24/7 coverage for pediatric & neonatal units: Neonatal Intensive Care Unit, Pediatric Walmart and Sam’s Club 10th Floor Inpatient Unit, and Pediatric Cardiac Intensive Care Unit and Pediatric Intensive Care Unit, plus all other pediatric inpatient units and the UI Stead Family Children’s Hospital Operating Room and Post-Anesthesia Care Unit
- 24/7 coverage for the neonatal/pediatric transport team
- 24/7 coverage for all adult and pediatric Code Blue and rapid response calls on main campus and in UI Stead Family Children’s Hospital
- Emergency Department: adult and pediatric coverage for all patients requiring invasive and non-invasive ventilation or having other complicated respiratory illness requiring higher oxygen demands

FISCAL YEAR 21

- 4,568 adult, pediatric, and neonatal ventilator initiations
- 15,620 diagnostic tests/procedures performed in pulmonary function and bronchoscopy lab
- 605 treatment dives in hyperbaric medicine
- 190 neonatal/pediatric transports
- 5,277 adult, pediatric, and neonatal in-house transports of critically ill ventilated patients

161 TEAM MEMBERS

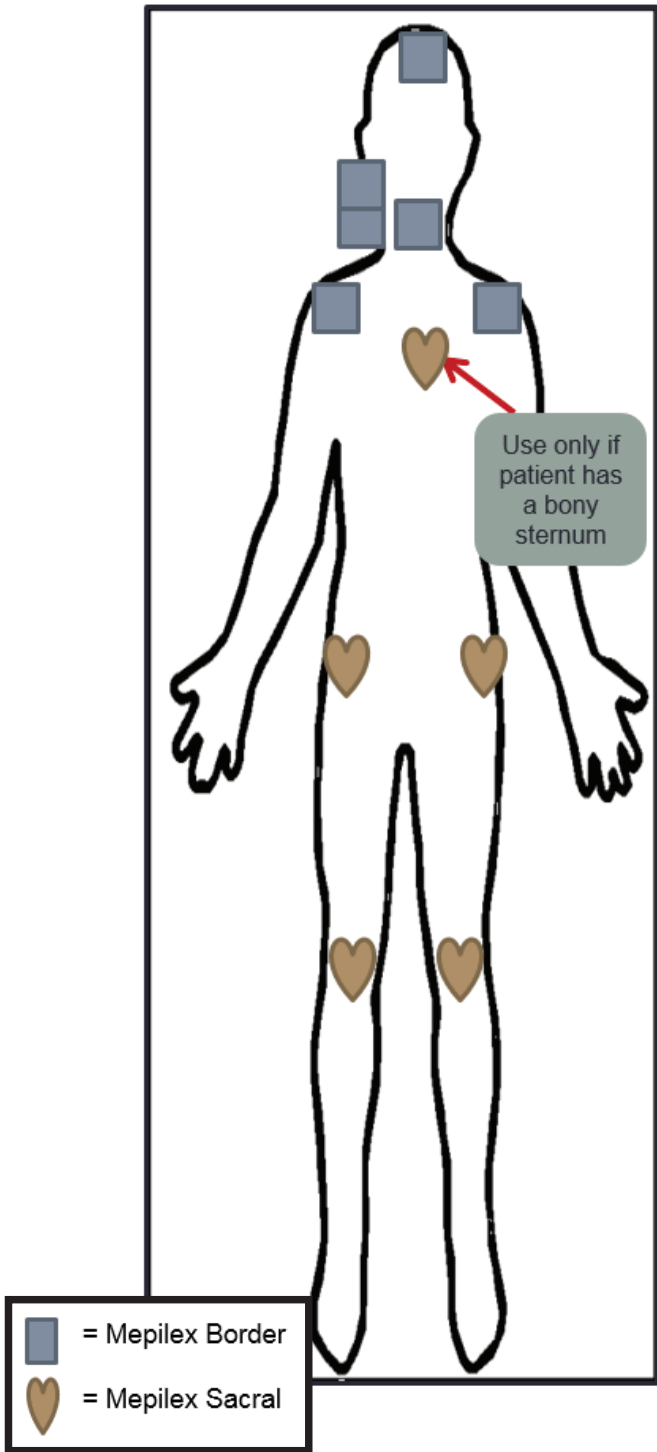
- 9 administrative leaders and support staff
- 131 clinical division staff
- 18 diagnostic division staff
- 3 diagnostic administrative and support staff

41ST ANNUAL RESPIRATORY CARE SEMINAR (OCT. 14–15, 2021)

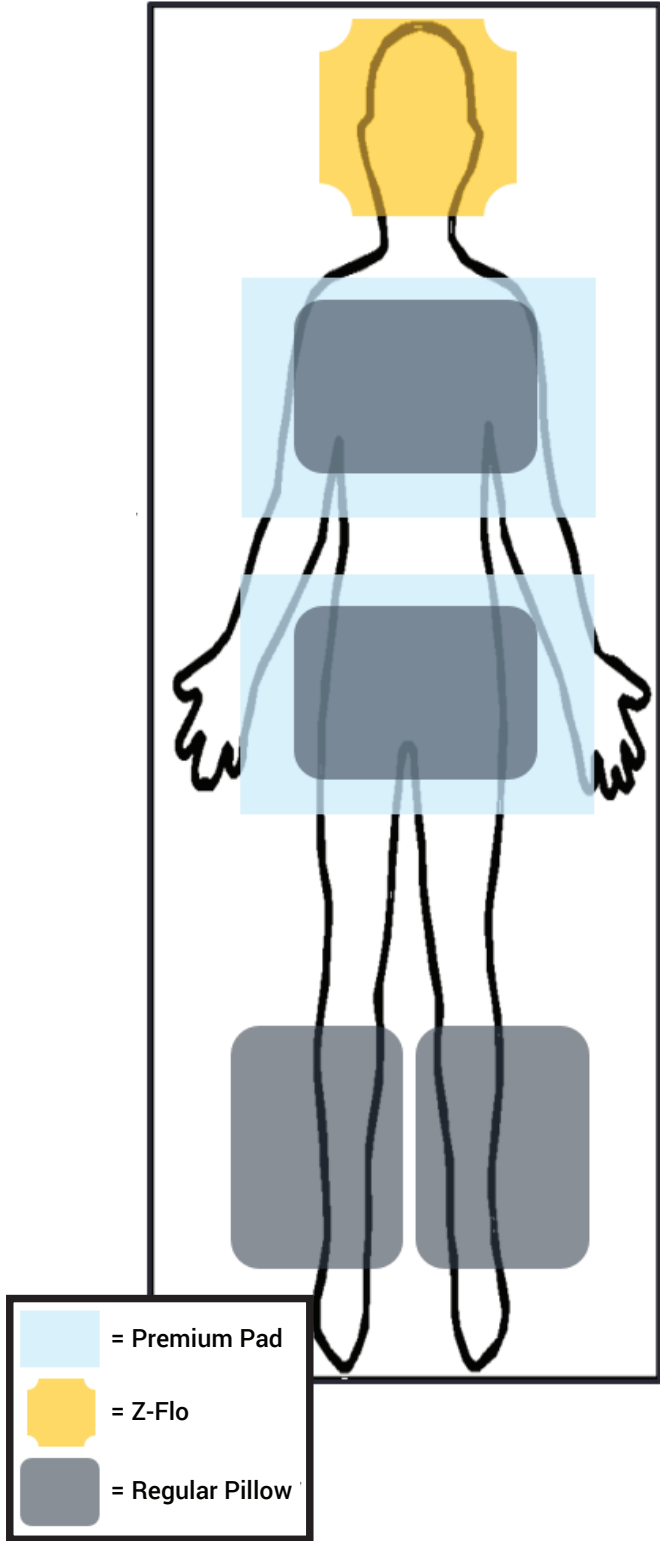
- Zoom Live online webinar
- 2nd virtual conference
- 220+ attendees, including respiratory therapists from Iowa and surrounding states
- 10 presentations by 11 speakers



Mepilex Locations



Premium Pads & Pillow Locations



Hospital-Acquired Pressure Injuries: 4 Eyes Skin Assessment

As part of a fiscal year 20 quality and safety initiative aimed at eliminating hospital-acquired pressure injuries (HAPI), a two-person skin assessment was implemented for any patient admitted or transferred to the intensive care unit (ICU).

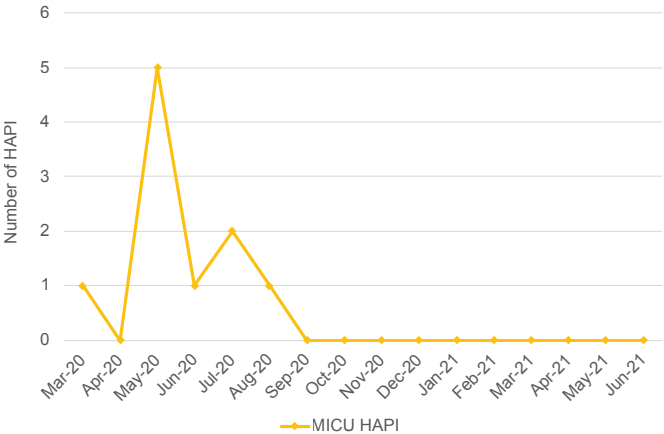
Deemed a “4 Eyes Skin Assessment,” clinicians take photos of skin breakdown noted on admission using an electronic health record (EHR) application, and the photos are directly placed in the patient’s EHR.

Shortly after implementation on March 1, 2020, COVID-19 complicated the picture. During routine HAPI prevention rounding in the medical ICU (MICU), Shannon Swartz, BSN, RN, CWON, nurse clinician and wound ostomy nurse pressure injury prevention partner, noted facial pressure injuries for COVID-19 patients receiving pronation therapy. As part of ongoing HAPI prevention work between nursing and respiratory therapy, this issue was brought to light. Swartz, Justin Kuhn, BS, RRT-ACCS/ NPS, research specialist and respiratory therapy supervisor, and Julia Langin, MSN, RN, CWON, CMSRN, quality nursing practice leader, worked together to devise a creative, evidence-

based solution for these patients. Placing the endotracheal tube (ETT) securement device upside down on the patient with foam padding over the plastic portion of the device and using a fluidized positioner under the patient’s head while in the prone position reduced the number of facial pressure injuries in this patient population.

To sustain these positive patient outcomes, ongoing monitoring continues through proactive pressure injury prevention rounding by nursing and respiratory therapy, which includes just-in-time, face-to-face education with frontline clinicians; adding the technique to the Nursing Education (NEd.) app that provides just-in-time, point-of-use training to nursing staff to quickly review need-to-know educational information; and incorporating the technique into orientation for respiratory therapists.

MEDICAL INTENSIVE CARE UNIT (MICU) PATIENTS WITH HOSPITAL-ACQUIRED PRESSURE INJURY (HAPI) RELATED TO ENDOTRACHEAL TUBE (ETT) SECUREMENT DEVICE



Rehabilitation Therapies

The Department of Rehabilitation Therapies helps each person make the most of their functional abilities to improve their quality of life. The team is committed to providing outstanding clinical care to every patient and uses treatments based on the most current research to get patients back to the activities they enjoy.

FISCAL YEAR 21

- 20,396 unique physical therapy patients seen
 - Adult service units: 138,763
 - Pediatric service units: 16,988
 - Sports physical therapy service units: 37,665
 - Total physical therapy service units (15 minute face-to-face time): 193,416
- 6,742 unique occupational therapy patients seen
 - Adult service units: 63,357
 - Pediatric service units: 8,910
 - Total occupational therapy service units (15 minute face-to-face time): 72,267
- 16,671 outpatient physical therapy visits
- 3,849 outpatient occupational therapy visits
- 15,798 outpatient sports physical therapy visits
- 3,915 outpatient pulmonary rehabilitation visits

SERVICES PROVIDED

- Physical therapy
- Occupational therapy
- Pulmonary rehabilitation
- Recreational therapy
- Educational services

135 TEAM MEMBERS

- Physical therapists/physical therapy assistants: 71
- Occupational therapists/occupational therapy assistants: 30
- Rehabilitation aides: 6
- Recreational therapists: 8
- Music therapists: 3
- Educators/para-educators: 6
- Nurses: 6
- Administrative support/clerks: 5



Behavioral health occupational therapists and recreational therapists provide services across the continuum of care in the UI Hospitals & Clinics psychiatric inpatient and partial hospitalization programs, which includes child/adolescent, adult, and geriatric patients. The therapists assigned to these areas lead daily groups and provide one-to-one sessions.

Circle School educators work with all child psychiatry inpatients (n=15) an average of three hours daily in the classroom setting, usually divided according to age groups.

The UI Stead Family Children’s Hospital educator has a steady caseload of long-term inpatients and returning clinic patients in which one-to-one tutoring services are provided to assist them with homework and prepare them for re-entry into their local school system at time of discharge.

Pediatric occupational therapy and physical therapy are available on a consultative basis for inpatients on all units within the UI Stead Family Children’s Hospital. Physical therapy also provides evaluation and treatment for pediatric patients in collaboration with the interprofessional Pediatric Pain Clinic, Gastrointestinal Pain Clinic, Pediatric Headache Clinic, and with the pediatric pulmonology and neurosurgery teams.

Music therapy is another consultative service available to inpatients within UI Stead Family Children’s Hospital. In addition, music therapy works collaboratively to provide psychosocial support to inpatients followed by UI Hospitals & Clinics Adult Palliative Care Service, for pediatric and adult behavioral health inpatient units, and for patients enrolled in the partial hospitalization program.

KEEP YOUR MOVE IN THE TUBE PROGRAM IMPACTS POSITIVE OUTCOMES

Leah Lenz, MPT, CEP, CSCS, senior physical therapist, led a team of physical and occupational therapists who collaborated and networked with multiple medical teams, health care information systems, and nursing leaders to introduce and implement the Keep Your Move in the Tube Program for patients undergoing median sternotomies at UI Hospitals & Clinics. An evidence-based approach, Keep Your Move in the Tube, developed at Baylor University, guides upper extremity use after median sternotomies and replaces restrictive sternal precautions that have historically been recommended. This approach leads to improved patient outcomes, and patients are often discharged directly home instead of to a skilled-nursing facility or rehabilitation facility. In September 2021, the program was successfully implemented due to Lenz’s patience and persistence in seeing the project through to completion.



Leah Lenz, MPT, CEP, CSCS, senior physical therapist

RECOGNITION AND AWARDS

100 GREAT IOWA NURSES 2021

The 100 Great Iowa Nurses Program annually honors 100 outstanding nurses selected from the 99 counties in Iowa and funds financial awards to support the education of Iowa nurses. Established in 2004, the program recognizes qualities that demonstrate efforts beyond those expected of a nurse within their normal duties, such as concern for humanity, significant contribution to the profession, and mentoring.



Katie Bulin,
MBA, BSN, RN, CEN,
nurse manager



Maja Campbell,
BSN, RN, CPN,
staff nurse



Lastascia Coleman,
MSN, ARNP, CNM,
clinical assistant
professor



Tiffany Dill,
BSN, RN,
staff nurse



Stephanie Edmonds,
PhD, MPH, RN,
nurse scientist



Jennifer Erdahl,
MSN, RN, CCRN-K,
nurse manager



Himena Harris,
MSN, ARNP, FNP-BC,
CPNP,
advanced registered
nurse practitioner



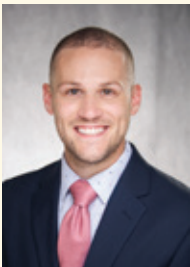
Sara Lynn Hogan,
BSN, RN,
nurse clinician



Stephanie Horn,
BSN, RN, VA-BC,
nurse clinician



Rachel Wichmann
Hottel,
MSN, RN, NPD-BC,
nursing practice
leader



Nicholas Klein,
BSN, RN, CCRN,
staff nurse



Rachel Krueger,
BSN, RN, CNRN,
assistant nurse
manager



Ann Mason,
BSN, RN, RNC-LRN,
nurse clinician



Elizabeth Moore,
MBA, BSN, RN,
associate director



Sarah Pflederer,
BSN, RN, CCRN,
assistant nurse
manager



Kara Prickett,
MSN, RN, NPD-BC,
nursing practice
leader



Nikita Rohr,
BSN, RN, CPN,
nurse clinician



Min Seo,
MSN, RN, PCCN,
assistant nurse
manager



Jessica Stelle Swab,
BSN, RN, CCRN,
staff nurse



Judy Swafford,
BSN, RN, ONC,
nurse clinical
coordinator



Sarah Wellsandt,
MSN, RN,
assistant nurse
manager



Nicole Wiltfang,
BSN, RN, CCRN,
assistant nurse
manager

CHARMAINE KLEIBER EXCELLENCE IN PEDIATRIC NURSING RESEARCH-TO-PRACTICE AWARD

The Charmaine Kleiber Excellence in Pediatric Nursing Research-to-Practice Award recognizes an individual or team who has completed or is near completion of data collection for a research study or initiative that incorporates the use of research-based evidence to benefit children and their families.



Stephanie Horn,
BSN, RN, VA-BC,
nurse clinician

ANN WILLIAMSON AWARD FOR LEADERSHIP AND INNOVATION IN NURSING AND PATIENT CARE

The Ann Williamson Award for Leadership and Innovation in Nursing and Patient Care is awarded annually to a nurse, nurse leader, or other clinical professional who has demonstrated exceptional ability to lead and innovate in the care of patients and families. The awardee demonstrates an outstanding reputation for servant leadership and innovation. Award criteria recognize that leadership and innovation are needed in formal managerial and executive roles as well as among frontline clinicians. Finally, the recipient shall have demonstrated a high degree of citizenship and collegiality within UI Hospitals & Clinics, the Department of Nursing Services and Patient Care, and their discipline.



Kara Prickett,
MSN, RN, NPD-BC,
nursing practice
leader

THE CORRIDOR BUSINESS JOURNAL'S (CBJ) 2021 FORTY UNDER 40

The Forty Under 40 Awards recognize 40 leaders under the age of 40 who have made a significant impact in their business and community early in their careers.



Lastascia Coleman,
MSN, ARNP, CNM,
clinical assistant
professor



Mary Beth
Hovda Davis,
MSN, RN, VA-BC,
nursing practice
leader

THE DAISY AWARD™

The DAISY Award™ was developed as a way for patients, visitors, faculty, clinicians, or volunteers to reward and celebrate extraordinary clinical skill and compassionate care given by a nurse.



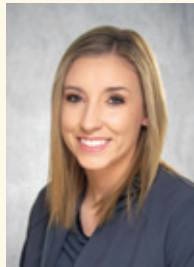
Katelyn Ahmann,
BSN, RN, CMSRN,
staff nurse



Karen Anzelc,
BSN, RN, CCTC,
nurse clinician



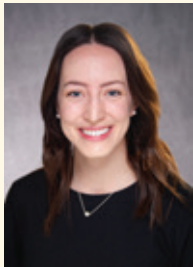
Christopher Betts,
RN,
staff nurse



Maryssa Grover,
RN,
staff nurse



Kayla Kenady,
BSN, RN,
staff nurse



Brittany Kloft,
BSN, RN, CCRN,
staff nurse



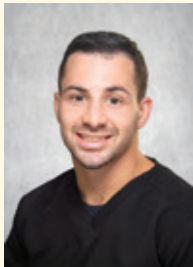
Becky Krob,
BSN, RN,
staff nurse



Kaitlin Luitjens,
BSN, RN,
staff nurse



Darlene Morlan,
LPN,
licensed practical
nurse



Jan Rosenberg,
BSN, RN,
staff nurse



Kaitlin Tarr,
RN,
staff nurse



Carolyn Yoder,
RN,
staff nurse

THE DAISY LIFETIME ACHIEVEMENT AWARD™

The DAISY Lifetime Achievement Award™ is given to nurses who have devoted their life's work to the compassionate care of others. Recipients are nominated for their dedication to nursing through active mentoring, role modeling, advocating for their patients, and promoting the positive image of nursing.



Laura Cullen,
DNP, RN, FAAN,
associate research
scientist/engineer

THE DAISY NURSE LEADER AWARD™

The DAISY Nurse Leader Award™ recognizes nurses who are extraordinary in the impact they have on compassionate patient care. Honorees can be any nurse leader who directly impacts patient care including supervisors, managers, educators, or nurses who specialize in case management, informatics, or patient flow.



Michelle McNeil,
BSN, RN, PMH-BC,
assistant nurse
manager

THE DAISY TEAM AWARD™

The DAISY Team Award™ honors collaboration between two or more people, led by a nurse, who identify and meet patient and/or family needs by going above and beyond the traditional role of nursing.



RECIPIENT: Emergency Department

NOMINEES

- Behavioral Health Services SWOT (Service Without Territory) Team
- Burn Treatment Center
- Medical Intensive Care Unit
- Neonatal Intensive Care Unit (NIC1 & NIC2) Central Line-Associated Bloodstream Infection Prevention Team
- Neonatal Intensive Care Unit (NIC1 & NIC2) Nursing Team
- Neurology and Neurosurgery Unit
- Nurse Navigators
- Pediatric SWOT (Service Without Territory) Team
- Pulmonary Hypertension Team
- Safe Patient Handling (Ergonomics) Team
- Special Pathogens Unit (SPU)
- UI Stead Family Children's Hospital Operating Room
- UI Stead Family Children's Hospital Pediatric Inpatient Unit
- UI Stead Family Children's Hospital Perioperative Nursing
- Utilization Review and Level of Care

GOOD CATCH AWARD

The Good Catch Award recognizes clinicians for their professional diligence in having prevented a potential error or "near-miss." A near-miss is an event or situation that, if not identified and acted upon, could have resulted in an accident, injury, or illness. A "Good Catch" event can occur anywhere within UI Hospitals & Clinics and impact anyone — patients, visitors, faculty, or staff.



Beth Hockenberry,
BSN, RN, CNOR,
staff nurse

NURSING ASSISTANT WEEK SCHOLARSHIP AWARD

The Nursing Assistant Week Scholarship Award recognizes a nursing assistant who has demonstrated an outstanding commitment to delivering excellent patient care.

Daniel Rincon-Perez, nursing assistant (no photo available)

HELPING HANDS AWARD

The Helping Hands Award was developed for patients, families, visitors, or UI Hospitals & Clinics team members to recognize merit staff involved in direct patient care who are excelling in their roles to provide exceptional patient care and interactions.



Lakken Cox,
nursing assistant



Evan Engelhardt,
nursing assistant



Samantha Fillenworth,
psychiatric nursing
assistant



Tara Harris,
clerk III



Soyoun Jeon,
nursing assistant



Thierry Nduhirahe,
nursing assistant



Zainab Rakkadh,
nursing assistant



Joshua Russell,
nursing assistant



Alaina Sedlacek,
nursing assistant



Eliezer Sotillo
Rodriguez,
nursing assistant



Ella Willford,
nursing assistant



Kristen Young,
nursing assistant

NURSING EXCELLENCE IN CLINICAL EDUCATION AWARD

The Nursing Excellence in Clinical Education Award recognizes a staff nurse who excels in the teaching role, demonstrates an innovative spirit, and is a professional role model and lifelong learner.

RECIPIENT

Nicole Koshatka, MSN, RN,
staff nurse

SEMIFINALIST

Amy Lage, BSN, RN, C-NPT,
staff nurse



Nicole Koshatka,
MSN, RN,
staff nurse



Amy Lage,
BSN, RN, C-NPT,
staff nurse

FELLOW OF THE AMERICAN ACADEMY OF NURSING

Fellows of the American Academy of Nursing are leaders in nursing education, management, practice, and research. The award is considered the highest honor in the nursing profession.



Lou Ann Montgomery,
PhD, MAN, RN, NPD-
BC, RN-BC, FAAN,
director, nursing
services

THE PHIL (PULMONARY HEALTH AND ILLNESSES OF THE LUNG) AWARD

The PHIL (Pulmonary Health and Illnesses of the Lung) Award was developed for patients, visitors, faculty, or clinicians to recognize excellence in respiratory therapy for outstanding care, treatment, professional excellence, and compassion with a patient and/or family dealing with pulmonary illness.

RECIPIENT

Jennifer Brown, RRT, senior respiratory therapist



Jennifer Brown,
RRT,
senior respiratory
therapist

NOMINEES

- John Bradford, RRT, respiratory therapist
- Tyler Byrnes, RRT, senior respiratory therapist
- Larissa Kopp, RRT, respiratory therapist
- Julia Ostrom, RRT, respiratory therapist
- Dawn Richmond, RRT, respiratory therapist
- Mary Sellers, RRT, respiratory therapist

SUNSHINE AWARD

The Sunshine Award was developed for faculty or clinicians to recognize Ambulatory Surgery Center, UI Stead Family Children’s Hospital, and Main Operating Room team members, including nurses, surgical technologists, nursing assistants, and core personnel. The award winner exemplifies innovation, collaboration, accountability, respect, and excellence in providing safe, high-quality, patient- and family-centered care and fosters teamwork through extraordinary interaction with others.

Matt Butera, RN, CNOR, assistant nurse manager
(no photo available)

SALLY MATHIS HARTWIG SCHOLARSHIP

The Sally Mathis Hartwig Scholarship recognizes a nurse pursuing graduate education at the UI College of Nursing.



Laura Corbett,
MNHP, BA, RN, CCRN,
nurse manager

BE INSPIRED! SCHOLARSHIP AWARD

The Be Inspired! Scholarship Award recognizes a staff nurse who is not currently working on an advanced degree and who has demonstrated an outstanding commitment to delivering excellent patient care.



Barb Miller,
BSN, RN,
staff nurse

ROSIE AWARD

The ROSIE Award was developed for patients, visitors, faculty, or clinicians to recognize social workers.



Whitney Jost,
LISW,
social worker III



Sarah Prochaska,
LMSW,
social worker III

PROFESSIONAL RECOGNITION PROGRAM

The Professional Recognition Program recognizes the accomplishments of the direct care nurse and incentivizes them to stay engaged in direct patient care as they support safety, quality, and research. The program compensates nurses who consistently go “above and beyond the requirements of their assigned role.”

COHORT 15: FEBRUARY 2021

Level 1 Recipients

- Lora Albert, BSN, RN, IBCLC, RNC-NIC
- Nicole Artioli, BSN, RN, CCRN
- Diana Badow, BSN, RN
- Nicolette Bobolts, BSN, RN
- Lindy Cannady, BSN, RN, OCN
- Daniel Dietzel, BSN, RN, CCRN
- Audrey Flack, BSN, RN, CMSRN
- Rachel Fobian, BSN, RN, CPN
- Sheila Frascht, BSN, RN, CHPPN, CPLC
- Marilyn Gaber, BSN, RN, CCRN
- Sarah Harper, BSN, RN
- Holly Inman, BSN, RN, CMRSN
- Summer Jagnow, BSN, RN, MedSurg-BC
- Michelle Jensen, BSN, RN, CNRN
- Molly Knipfel, BSN, RN
- Tiffany Knupp, BSN, RN
- Dana Koerner, BSN, RN
- Emmalee Leinen, BSN, RN, CCRN
- Caroline Liebe, BSN, RN, CCRN
- Brooke Martin, BAN, RN, CPN
- Jennifer Meyer, MSN, RN
- Logan Morrison, BSN, RN, CMSRN
- Kayla Myers, MSN, RN
- Samantha Noonan, BSN, RN
- Sheri Parman, BSN, RN, CAPA
- Jennifer Paulsen, BSN, RN, CPN
- Kelli Penfield, BSN, RN, CMSRN
- Kayci Prybil, BSN, RN, MNN
- Amy Sheehan, BSN, RN, CDCES
- Jessica Stelle Swab, BSN, RN, CCRN
- Jessica Stonis, BSN, RN, OCN
- Courtney Stonskas, BSN, RN, CPN
- Deborah Strike, BSN, RN, CORLN

- Nicholas Villareal, BSN, RN
- Wrenna Walsh, BSN, RN, RN-BC
- Josephine Walters, BSN, RN
- Robert Wolfe, BSN, RN, CCRN

Level 2 Recipients

- Danielle Busta, BSN, RN, CPHON
- Tara Dolezal, BSN, RN, CNOR
- Andrea Haynes, BSN, RN, CCRN
- Mallory McKay, BSN, RN, CNRN
- Penny Smith, BSN, RN, RNC-NIC
- Kimberly Taylor, BSN, RN, RNC-MNN, ICCBE, CBE, CCE

COHORT 16: AUGUST 2021

Level 1 Recipients

- Haley Andrews, BSN, RN
- Linda Baylor, MS, BSN, RN, CPN
- Brenna Bittner, BSN, RN, CCRN
- Caitlin Blomme, BSN, RN
- Kelsey Boekhoff, BSN, RN
- Kelsey Bohle, BSN, RN, VA-BC
- Mary Colleen Burton, DNP, ARNP, CHPPN, CPNP
- Maja Campbell, BSN, RN, CPN
- Elizabeth Culver, BSN, RN, CWON
- Lauren Delzell, BSN, RN, CCRN
- Samantha Donovan, BAN, RN
- Bryanna Duncan, BSN, RN
- Samantha Engblom, BSN, RN, CCRN
- Jody Feipel, BSN, RN, CCRN
- Kayla Fobian, BSN, RN

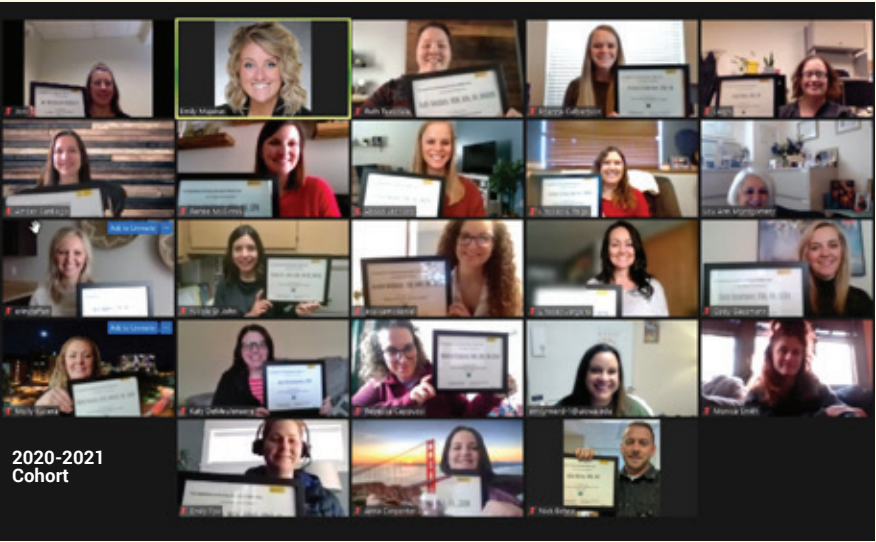
- Regan Fraise, BSN, RN
- Jeannie Gienger, BSN, RN, CPN
- Tristan Gremmer, BSN, RN, CCRN
- Sara Hatch, MHA, BSN, RN
- Ashley Hinman, MSN, RN
- Jennifer Houlihan, MSN, RN, CNML
- Natalie Kassa, MSN, RN, RN-BC
- Jeana King, BSN, RN, CNOR
- Victoria Life, BSN, RN, CCRN
- Paige Ludman, BSN, RN, CPN
- Tracy Maury, BSN, RN, CPN
- Christine McCullough, BSN, RN, CCRN
- Haley McNulty, BSN, RN, IBCLC
- Katelyn Meyer, MN, RN, SCRNL, CCRN
- Brittany Miller, BSN, RN
- Brianna Mullinnix, BSN, RN
- Katelyn Nolte, BSN, RN
- Sheila Ours, BSN, RN, RNC-LRN
- Alyssa Owens, BSN, RN, CCRN-CSC
- Kelli Pool, DNP, FNP-C, CCRN
- Chris Ries, BSN, RN
- Lauri Riss, BSN, RN, CPAN
- Nikita Rohr, BSN, RN
- Michelle Schubert, BSN, RN, CNRN
- Amber Senior, BSN, RN, CMSRN
- Natalie Smith, MSN, RN, RNC-LRN
- Ellie Spillman, BSN, RN, CWOCN
- Alexandra Springer, BSN, RN, CPN
- Lori Stebral, BSN, RN
- Katie Steichen, BSN, RN, BMTCN
- Jacquelyn Thorp, BSN, RN, BC-CV
- Stephanie Wageanaar, BSN, RN, CPN
- Kendra Walsh, MSN, RN, RNC-LRN
- Tara Willis, BSN, RN, CCRN
- Edie Yoder Hochstetler, BSN, RN, OCN

Level 2 Recipients

- Melissa Barnes, MSN, RN, CWON
- Julie Anne Barrett, BSN, RN, MH-BC
- Rebecca Bruegge, BSN, RN, CNOR
- Katie Buettner, BSN, RN, RNC-LRN
- Shelby Chostner, BSN, RN, CPN
- Michelle Clarahan, BSN, RN, CPN
- Elaine Dettner, MSN, RN, RN-BC, CMSRN
- Kristina DeVore, MSN-Ed, RN, GERO-BC
- Justin Dolezal, BSN, RN, CNOR
- Alyssa Henscheid, BSN, RN, RNC-NIC
- Stephanie Horn, BSN, RN, VA-BC
- Brittany Iezek, MSN, RN, CAPA
- Kareen Kephart, BSN, RN, CCRN
- Grayce Kerr, BSN, RN, CCRN
- Amy Lage, BSN, RN, C-NPT
- Colleen Lancial, BSN, RN, RN-BC
- Haylee Latta, BAN, RN, CPN
- Elizabeth May, MSN-CNL, RN
- Lori Oberbroeckling, MSN, RN, CCTM
- Jennifer Off, BSN, RN, OCN
- Laura Phearman, BSN, RN, CPNP
- Carrie Swenka, BSN, RN, RNC-NIC
- Jennifer Szymanowski, MSN, ARNP, FNP-C, CCRN
- Erin Weber, BSN, RN, CCRN

CLINICAL LEADERSHIP DEVELOPMENT ACADEMY

The Clinical Leadership Development Academy is a UI Hospitals & Clinics program that addresses the complexity, breadth, and importance of the developing leader and promotes excellence through clinical scholarship.



EXECUTIVE LEADERSHIP ACADEMY 2020-2021

The Executive Leadership Academy is a comprehensive UI Hospitals & Clinics program that addresses core characteristics and skills needed to lead effectively in an academic health care environment.



ORAL PRESENTATIONS

Beachy, K. (2021, February 17). *Surgical smoke plume evacuation*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Blondin, M., & Swafford, J. (2021, April 20). *Points for joints – Kahoot game*. Orthopedic Nursing Conference 2021, Virtual.*

Brimeyer, D., & Stenger, K. (2021, October 7). *Nursing leadership role in facilitating EBP*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Brimeyer, D., & Wagner, M. (2021, February 10). *Nursing leadership role in facilitating EBP*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Clancy, G. (2021, January 19). Rounding @ Iowa podcast In *EP 6: Recognition of implicit bias as a means to improve patient care* with **Lastascia Coleman** and **Dr. David Moser**.*

Clancy, G. (2021, March 16). Rounding @ Iowa podcast In *EP 14: The impact of COVID-19 on the healthcare workforce and what we can do about it* with **Drs. Rebecca Porter** and **Diane Rohlman**.*

Clancy, G. (2021, November 23). Rounding @ Iowa podcast in *EP 31: Accelerated by the pandemic: New models of health professions education* with **Drs. Lou Ann Montgomery** and **Joseph Szot**.*

Cohen, M., Leinonen, J., Lam, F., & Spellman, E. (2021, February 24). *Call to action: Experience adopting the ENfit system to guard against accidental tubing misconnections*. Institute for Safe Medication Practices, Webinar.

Connell, M. (2021, April 20). *Total joint rehab: From “pre-hab” to “post-hab”*. Orthopedic Nursing Conference 2021, Virtual.*

Cook, D., Cullen, L., Seabold, R., & Wagner, M. (2021, February 17). *EBP journey*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cook, D., Cullen, L., Seabold, R., & Wagner, M. (2021, April 6). *Navigating the evidence-based practice journey*. 2021 Scofield Advanced Oncology Nursing Conference, Virtual.*

Cox, M. (2021, April 14-15). *Evidence-based pain assessment in nonverbal palliative care patients*. 28th National Evidence-Based Practice Conference, Virtual.*

Cullen, L. (2021, February 17). *Implementation strategies*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L. (2021, February 24). *Designing your EBP program*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L. (2021, February 24). *Organizational infrastructure for EBP program success*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L. (2021, March 30). *Iowa Implementation for Sustainability Framework: Specification and validation*. Translational Science 2021, Association for Clinical and Translational Science, Virtual.

Cullen, L. (2021, June 8). *Precision implementation approach™*. Gamma Pi Chapter of Sigma Induction, University of Nebraska Medical Center and Nebraska Methodist College, Virtual.

Cullen, L. (2021, June 11). *Precision implementation approach™*. IaSRC Lung Conference, Iowa Society of Respiratory Care, Virtual.

Cullen, L. (2021, October 8). *Organizational infrastructure for EBP program success*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L. (2021, October 15). *EBP return on investment (ROI)*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., & Bullard, T. (2021, February 24). *EBP return on investment (ROI)*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., & Bullard, T. (2021, June 18). *EBP return on investment (ROI)*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Cullen, L., & Edmonds, S. (2021, April 14-15). *Implementation workshop*. 28th National Evidence-Based Practice Conference, Virtual.*

Cullen, L., & Edmonds, S. (2021, April 14-15). *Iowa Implementation for Sustainability Framework*. 28th National Evidence-Based Practice Conference, Virtual.*

Cullen, L., & Edmonds, S. (2021, June 18). *Implementation strategies*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Cullen, L., & Edmonds, S. (2021, October 8). *Implementation strategies*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., Edmonds, S., & Rempel, K. (2021, October 15). *Be creative – Can this be taught?* Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., & Fowler, C. (2021, October 15). *Designing your EBP program*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., & Hanrahan, K. (2021, February 24). *Sustaining the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., & Hanrahan, K. (2021, June 18). *Sustaining the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Cullen, L., & Hanrahan, K. (2021, October 15). *Sustaining the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Cullen, L., Laures, E., & Rempel, K. (2021, February 24). *Be creative – Can this be taught?*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Davis, M. B. H. (2021, September 16-19). *Improving the success of silicone tunneled catheter repairs with a critical first step*. AVA 2021 Annual Scientific Meeting, Association for Vascular Access, Virtual.

Deberg, J., Zerwic, J., Farrington, M., Buck, H., & Carroll, S. (2021, April 14-15). *Decoding dissemination: Ask the experts*. 28th National Evidence-Based Practice Conference, Virtual.*

Donnelly, S. (2021, April 20). *Utilization management of the orthopedic population*. Orthopedic Nursing Conference 2021, Virtual.*

Edmonds, S. (2021, October 14). *Project evaluation: Statistical process control charts*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Edmonds, S., & Loew, N. (2021, January 28). The Woman Centered Health podcast In *EP 43: Navigating birth control during COVID-19* with **Dr. Jessica Grossman** and **Margo Fahnestock**.*

Edmonds, S., & Loew, N. (2021, February 25). The Woman Centered Health podcast In *EP 44: Systems thinking* with **Claire Phillips**.*

Edmonds, S., & Loew, N. (2021, March 25). The Woman Centered Health podcast In *EP 45: Complimentary chiropractic care* with **Dr. Christy Matusiak**.*

Edmonds, S., & Loew, N. (2021, April 29). The Woman Centered Health podcast In *EP 46: Neutral and compassionate care* with **Rebecca Vahle** and **Dixie Weber**.*

Edmonds, S., & Loew, N. (2021, May 27). The Woman Centered Health podcast In *EP 47: Sex addiction* with **Kathy Greer**.*

Elgin, T., & Spellman, E. (2021, October 5). *Running an effective mock code using simulation principles*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Eppen, K. (2021, March 25). *Strategies to meet circumstances*. Annual State Conference, Iowa Association of Cardiovascular and Pulmonary Rehabilitation (IACPR), Virtual.

Eppen, K. (2021, May 17-19). *Breathing and associated health implications*. DPT Program Health and Wellness Week, George Fox University, Virtual.

Eppen, K. (2021, May 17-19). *Exercise prescription for chronic disease management*. DPT Program Health and Wellness Week, George Fox University, Virtual.

Eppen, K. (2021, May 17-19). *Health and disease: Considerations for management*. DPT Program Health and Wellness Week, George Fox University, Virtual.

Eppen, K. (2021, October 26). *Pulmonary rehabilitation: Strategies to meet circumstances*. AACVPR Annual Meeting, American Association of Cardiovascular and Pulmonary Rehabilitation, Virtual.

Everhart, C. (2021, October 5). *Role of pelvic floor physical therapy in the OB/Gyn patient population*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Farrington, M. (2021, April 14-15). *Abstract writing 101 – Succinct yet concise*. 28th National Evidence-Based Practice Conference, Virtual.*

Femino, L. (2021, February 17). *Applying the principles: CPG critique*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Femino, L. (2021, October 14). *Critique of the evidence: CPG critique*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fleagle, T. R. (2021, October 29). *From early mobility to the long haul: Physical therapy management of COVID-19 and the rehab wave*. APTA Iowa Fall Conference, American Physical Therapy Association, Virtual.

Fowler, C. (2021, February 10). *Getting started: Project management*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fowler, C. (2021, February 17). *Piloting the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fowler, C. (2021, March 23). *Fanning the flames for success*. Evidence-Based Practice Training Program: Igniting the Spark for Evidence-Based Practice, UnityPoint Health, Des Moines, IA.

Fowler, C. (2021, June 18). *Piloting the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Fowler, C. (2021, October 7). *Getting started: Project management*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fowler, C. (2021, October 8). *EBP training across the career continuum*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fowler, C. (2021, October 8). *Piloting the practice change*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Fowler, C., Hosking, J., & Laures, E. (2021, February 17). *EBP training across the career continuum*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Gaarde, A. (2021, June 2-4). *Is acuity adaptability patient care possible?* 2021 International Summit & Exhibition on Health Facility Planning, Design & Construction, American Society for Health Care Engineering, Virtual.

Hakes, T., & Ward, E. (2021, March 8). Chat from the Old Cap podcast: *UIHC COVID-19 Nurses* with **Nick Klein, Debbie Herold,** and **Seth Jackson**.*

Hanrahan, K. (2021, February 17). *Data driven precision implementation approach™*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hanrahan, K. (2021, February 17). *Diffusion of innovations – An overview*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hanrahan, K. (2021, February 24). *EBP de-implementation and sacred cow solutions*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hanrahan, K. (2021, March 23). *Building up fire for EBP*. Evidence-Based Practice Training Program: Igniting the Spark for Evidence-Based Practice, UnityPoint Health, Des Moines, IA.

Hanrahan, K. (2021, March 23). *Igniting the spark for evidence-based practice*. Evidence-Based Practice Training Program: Igniting the Spark for Evidence-Based Practice, UnityPoint Health, Des Moines, IA.

Hanrahan, K. (2021, June 18). *Data driven precision implementation approach™*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Hanrahan, K. (2021, June 18). *EBP de-implementation and sacred cow solutions*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Hanrahan, K. (2021, October 8). *Data driven precision implementation approach™*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hanrahan, K. (2021, October 15). *EBP de-implementation and sacred cow solutions*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hanrahan, K., Cullen, L., & Edmonds, S. (2021, February 25). *The Iowa Model and the Iowa Implementation for Sustainability Framework: Exploring research applications*. Ethnographic Methods and Implementation Core (EMIC), Center for Access and Delivery Research and Evaluation (CADRE), Iowa City VA Medical Center, and Engagement, Integration and Implementation Core, Institute for Clinical and Translation Science (ICTS), Virtual.*

Hanrahan, K., & Edmonds, S. (2021, September 16). *Iowa Implementation for Sustainability Framework: Evaluation and revisions*. 2021 Fuld Institute for EBP National Summit, The Ohio State University, Virtual.

Hanrahan, K., Groves, P., & Cullen, L. (2021, June 17). *Nursing roles in facilitating EBP*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Hanson, A., & Jackson, S. (2021, February 17). *Implementing a functional pain scale*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Hebrink, D. (2021, October 5). *Supportive care for children with autism spectrum disorder (ASD) during venipuncture*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Hebrink, D. (2021, October 8). *Supportive care for children with autism spectrum disorder (ASD) during venipuncture*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Horak, T., & Zimmerman, J. (2021, October 2). *Laws, learning, and leading*. 2021 Iowa AWHONN Fall Conference, Association of Women's Health, Obstetric and Neonatal Nurses, Virtual.

Hosking, J., & Knox, K. (2021, April 14-15). *Long-term EBP self-efficacy of former nurse residents*. 28th National Evidence-Based Practice Conference, Virtual.*

Kohler, D., & Yahnke, L. (2021, September 7-8). *Impacting the continuum of care through the role of the nurse navigator*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Krupp, A., Dunn, H., Potter, K., Greiner, J., Papke, T., & Dunn Lopez, K. (2021, April 14-15). *Developing decision support about safety for ICU patients*. 28th National Evidence-Based Practice Conference, Virtual.*

Lal, G., Van Gorp, B., & Corwin, C. (2021, September). *Ergonomics for health care professionals*. Netaji Subhash Chandra Bose Medical College, Jabalpur and All India Institute of Medical Sciences, Webinar.

Laures, E. (2021, February 10). *Synthesis and use of the evidence*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Laures, E. (2021, June 17). *Synthesis and use of the evidence*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Laures, E. (2021, October 7). *Synthesis and use of the evidence*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Levett, P. (2021, September 7-8). *Pupillary assessment in critically ill infants and children*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Levett, P. (2021, October 22). *Traumatic brain injury in children: Where is the evidence?*. NAPNAP Iowa 2021 Conference, Iowa Nurse Practitioner Society, Virtual.*

Little, A. (2021, September 2-3). *PFPT in the urogyn population*. Iowa Urological Society Annual Meeting, Iowa City, IA.*

Loew, N., Coleman, L., Martinez, D., O'Brink, S., Phillips, C., & Edmonds, S. (2021, April 14-15). *Let's talk diversity, equity & inclusivity in EBP*. 28th National Evidence-Based Practice Conference, Virtual.*

McNair, C., Bunning, J., & Farnsworth, M. (2021, August 21-24). *The two shall become one: Marriage of preanesthesia testing and surgical co-management clinics*. 2021 Users Group Meeting, Epic Systems Corporation, Verona, WI.

Miller, J. L., Johnson-Carlson, P., Cullen, L., & Ward, E. (2021, April 14-15). *Team science at work: Building a culture of interprofessional education and collaborative practice*. 28th National Evidence-Based Practice Conference, Virtual.*

Mitchell, J. (2021, March). *Recreation therapy at the UIHC*. University of Northern Iowa Therapeutic Recreation Association, Virtual.

Mitchell, J. (2021, April 9). *Yoga as an adjunct treatment for severe mental illness*. IITRA Annual Conference, Iowa Inclusive Therapeutic Recreation Association, Virtual.

Mitchell, J. (2021, September). *Internship opportunities at UIHC*. Pre-internship Seminar Class, Iowa City, IA.*

Montgomery, L. A. (2021, October). *Being a fellow in the American Academy of Nursing*. Coralville Corridor Kiwanis Meeting, Corridor Kiwanis Club, Virutal.

Pechous, B., & Horn, S. (2021, September). *Pediatric and neonatal think tank*. AVA 2021 Annual Scientific Meeting, Association of Vascular Access, Virtual.

Poch, K. (2021, September 7-8). *Palliative care and rapid emergency screening*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Poch, N., Poch, K., & Laroe, N. (2021, June 17). *Evidence-based practice exemplars*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, University of New Mexico College of Nursing, Virtual.

Porter, R. (2021, September 7-8). *Caring for patients with COVID: The impact on the healthcare team*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Rindels, E. (2021, September 7-8). *Staying connected: A virtual stroke support group*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Rod, E. (2021, February 17). *EBP change champion program improves clinical outcomes*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Rod, E. (2021, October 8). *EBP change champion program improves clinical outcomes*. Advanced Practice Institute: Promoting Adoption of Evidence-Based Practice, Virtual.*

Rod, E., & Miner, R. (2021, April 20). *Recovery level of care and total joint replacement*. Orthopedic Nursing Conference 2021, Virtual.*

Rose, R. (2021, March 3). *Occupational therapy's role with stroke*. Monthly Stroke Support Group, Virtual.*

Rose, R. (2021, April 20). *Safety solutions: Tips for the home and daily tasks*. Parkinson's Patient Symposium, Virtual.*

Seo, M. (2021, April 14-15). *Nurse engagement: Empowering frontline nurses through unit-based councils*. 28th National Evidence-Based Practice Conference, Virtual.*

Shelby, A. (2021, October 5). *Newborn car seat review*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Stenger, K. (2021, September 7-8). *Hope for the neuroscience patient*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Thompson, M. (2021, October 5). *Perinatal substance use disorders*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Wagner, M. (2021, September 7-8). *Neuro reboot kahoot*. 18th Annual Neuroscience Nursing Conference, Virtual.*

Wagner, M., & Stenger, K. (2021, September 7-8). *What did you mean? Using augmentative communication*. 18th Annual Neuroscience Nursing Conference, Virtual.*

*Programs sponsored by UI Hospitals & Clinics or the University of Iowa.

POSTER PRESENTATIONS

Dunn Lopez, K., Swanson, E., Chae, S., Litwiller, D., Moorhead, S., Wagner, C., & Abe, N. (2021, August 9-13). *Unearthing nursing documentation within electronic health record data to determine the impact of nursing care for hospitalized patients with COVID-19: Work in progress*. Global Health Conference, Nursing Informatics Symposium, Health Information Management System and Society, Las Vegas, NV.

Edmonds, S. (2021, October 5). *Reproductive life planning practices among clinicians in midwestern Title X clinics*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Hanrahan, K., Edmonds, S., Cullen, L., Schacht Reisinger, H., & Wagner, M. (2021, December 14-16). *Precision implementation approach™: Application of the Iowa Implementation for Sustainability Framework in practice*. 14th Annual Conference of the Science of Dissemination and Implementation in Health, National Institutes of Health and AcademyHealth, Virtual.

Hebrink, D., Bruene, D., & Hanrahan, K. (2021, September 16-19). *Supportive care for children with autism spectrum disorder (ASD) during venipuncture*. AVA 2021 Annual Scientific Meeting, Association for Vascular Access, Virtual.

Hebrink, D., Bruene, D., & Hanrahan, K. (2021, September 29-October 2). *Supportive care for children with autism spectrum disorder (ASD) during venipuncture*. ASPMN 31st National Conference, American Society for Pain Management Nursing, Virtual.

Heth, J., Harkins, V., Parman, S., Dolezal, D., Stuessy, A., & Brimeyer, D. (2021, April 24-28). *Implementing perioperative evidence-based interventions for OSA: Increased risk awareness and enhanced patient care*. 2021 National Conference, American Society of PeriAnesthesia Nurses, Virtual.

Horak, T., & Spellman, E. (2021, October 10-13). *Neonatal collaboration to optimize outcomes in the ELBW population*. 2021 AWHONN Convention, Association of Women's Health, Obstetric and Neonatal Nurses, Virtual.

Horn, S., Bruene, D., Davis, M. B. H., & Pechous, B. (2021, September 29-October 2). *Implementation and evaluation of subcutaneous rehydration for difficult intravenous access pediatric patients*. ASPMN 31st National Conference, American Society for Pain Management Nursing, Virtual.

Horn, S., Bruene, D., Davis, M. B. H., & Pechous, B. (2021, October 5). *Implementation and evaluation of subcutaneous rehydration for difficult intravenous access pediatric patients*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Horn, S., Davis, M. B. H., Bruene, D., & Pechous, B. (2021, October 5). *Implementation of a pediatric vascular access program to improve outcome metrics*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Horn, S., Davis, M. B. H., Pechous, B., & Bohle, K. (2021, September 16-19). *Implementation of a pediatric subcutaneous rehydration standard of practice for difficult intravenous access patients*. AVA 2021 Annual Scientific Meeting, Association for Vascular Access, Virtual.

Horn, S., Davis, M. B. H., Pechous, B., & Bohle, K. (2021, September 16-19). *Implementation of a pediatric vascular access program to improve outcome metrics*. AVA 2021 Annual Scientific Meeting, Association for Vascular Access, Virtual.

Jenkins, L., Wittmann, L., & Williams, J. (2021, April 25-29). *Bridging the communication gap from preop to phase II*. 2021 National Conference, American Society of PeriAnesthesia Nurses, Virtual.

Jennissen, C., Smith, P., Finley, C., Hoogerwerf, P., & Valino-Ramos, P. (2021, October 5). *Safe sleep survey for expectant mothers*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Johnson, M. (2021, September 13). *Improving infant feeding processes to advance neonatal outcomes*. NANN's 37th Annual Conference, National Association of Neonatal Nurses, Virtual.

Johnson, M. (2021, October 5). *3 C's of skin-to-skin care: Communication, color, consistency*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Kohl, K., Bruene, D., Bauer, M., Alcorn, N., & Muller, S. (2021, October 5). *Connecting mind and body through yoga: Decreasing pain in children with sickle cell disease*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Rindels, E., Taylor, A., Quigley, A., Camicia, M., Green, T., Reeves, M. J., Terrill, A. L., & Magwood, G. S. (2021, February 10-12). *Stroke recovery navigator to improve post stroke recovery*. International Stroke Conference, American Stroke Association, Virtual.

Schreiber, R. (2021, October 5). *Nuisance alarms in labor and delivery*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Spellman, E., & Elgin, T. (2021, September 13). *Interprofessional simulation to improve admission temperatures for very low birthweight infants*. NANN's 37th Annual Conference, National Association of Neonatal Nurses, Virtual.

Spellman, E., & Elgin, T. (2021, October 5). *Interprofessional simulation to improve admission temperatures for very low birth weight infants*. Children's and Women's Services Fall Nursing Conference 2021, Virtual.*

Spellman, E., & Horak, T. (2021, October 10-13). *Saving tiny babies: Perinatal and neonatal collaboration to optimize outcomes in the extremely low birthweight population*. 2021 AWHONN Convention, Association of Women's Health, Obstetric and Neonatal Nurses, Virtual.

Willis, M., & Seo, M. (2021, April 14-15). *Improving the quality of quiet time on an inpatient unit*. 28th National Evidence-Based Practice Conference, Virtual.*

Wong, S., Elgin, T., & Spellman, E. (2021, October 8-11). *Training program to improve neonatal-pediatric transport intubation success*. 2021 AAP National Conference & Exhibition, American Academy of Pediatrics, Virtual.

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PUBLICATIONS

Badheka, A. V., Hodge, D., Ramesh, S., Bloxham, J., Espinoza, E., Allareddy, V., Karhade, D. S., Chegondi, M., & Allareddy, V. (2021). Catheter related thrombosis in hospitalized infants: A neural network approach to predict risk factors. *Thrombosis Research*, 200, 34-40.

Balikai, S. C., Badheka, A., Casey, A., Endahl, E., Erdahl, J., Fayram, L., Houston, A., Levett, P., Seigel, H., Vijayakumar, N., & Cifra, C. L. (2021). Simulation to train pediatric ICU teams in endotracheal intubation of patients with COVID-19. *Pediatric Quality & Safety*, 6(1), e373.

Balikai, S. C., Badheka, A., Casey, A., Endahl, E., Erdahl, J., Fayram, L., Houston, A., Levett, P., Seigel, H., Vijayakumar, N., & Cifra, C. L. (2021). Simulation-based training of pediatric intensive care unit teams in endotracheal intubation of patients with suspected or confirmed COVID-19: Response to a letter to the editor. *Pediatric Quality & Safety*, 6(5), e457.

Cullen, L., Dirks, M., & Conrad, M. N. (2021). Scholarship preparation among doctor of nursing practice programs in the Midwest. *Journal of PeriAnesthesia Nursing*, 36(3), 310-312.

Cullen, L., Hanrahan, K., Edmonds, S., Schacht Reisinger, H., & Wagner, M. (2021). A study to determine the external validity of the Iowa Implementation for Sustainability Framework [Abstract S-84]. *Implementation Science*, 16(Suppl. 1), 1-47.

Cullen, L., Hanrahan, K., Edmonds, S. W., Schacht Reisinger, H., & Wagner, M. (2021). Iowa Implementation for Sustainability Framework: Specification and validation [Abstract]. *Journal of Clinical and Translational Science*, 5(Suppl. 1), 56.

Dolezal, D., & Cullen, L. (2021). Evidence into practice: Starting in your own backyard. *Journal of PeriAnesthesia Nursing*, 36(1), 86-89.

Edmonds, S. W., Mengeling, M. A., Syrop, C. H., Torner, J. C., & Sadler, A. G. (2021). Associations between sexual assault and reproductive and family planning behaviors and outcomes in female veterans. *Obstetrics & Gynecology*, 137(3), 461-470.

Farrington, M. (2021). The boy, the mole, the fox, and the horse [Book review]. *ORL – Head and Neck Nursing*, 39(2), 23.

Farrington, M. (2021). Clinical practice guideline: Opioid prescribing for analgesia after common otolaryngology operations [Article review]. *ORL – Head and Neck Nursing*, 39(3), 17.

Farrington, M. (2021). Humble leadership – The power of relationships, openness, and trust [Book review]. *ORL – Head and Neck Nursing*, 39(1), 20-21.

Hoover, A. C., Segal, R. S., Zimmerman, M. B., Lee-Son, K., Porterfield, H. S., Stewart, S. A., & Rysavy, M. A. (2021). Urine trouble: Reducing midstream clean catch urine contamination among children 3-17 years old. *Pediatrics*, 148(2), e2020049787.

Katz, D. A., Mott, S. L., Utech, J. A., Bahlmann, A. C., Dukes, K. A., Seaman, A. T., Laux, D. E., Furqan, M., Pollock, Z. J., & Vander Weg, M. W. (2021). Time to put it out – Nurse-facilitated tobacco treatment in a comprehensive cancer center. *Translational Behavioral Medicine*, 11(9), 1726-1738.

Klinkefus, K. (2021, May 11). Meet several local nurses honored by Great Nurses program [A. Mason, K. Prickett, S. Edmonds]. *The Gazette*.

Lofgren, M., Dunn, H., Dirks, M., & Reyes, J. (2021). Perspectives, experiences, and opinions precepting advanced practice registered nurse students. *Nursing Outlook*, 69(5), 913-926.

Michael, A., Vesole, A. S., Diekema, D. J., Stegall, H., & Hoffman, H. T. (2021). Use of a transnasal flexible laryngoscope tip for laryngeal culturing: A novel in-office technique. *Laryngoscope Investigative Otolaryngology*. Advanced online publication.

Petitgout, J. M., Werner, J., & Stewart, S. (2021). Pediatric complexity tool best practice alert: Early identification of care coordination for children with special health care needs. *Journal of Pediatric Health Care*, 35(5), 485-490.

Quinn, D. A., Edmonds, S. W., Zhao, X., Borrero, S., Ryan, G. L., Zephyrin, L. C., & Callegari, L. S. (2021). Veteran-reported receipt of prepregnancy care: Data from the examining contraceptive use and unmet need (ECUUN) study. *Maternal and Child Health Journal*, 25(8), 1254-1264.

Roblin, D. W., Cram, P., Lou, Y., Edmonds, S. W., Hall, S. F., Jones, M. P., Saag, K. G., Wright, N. C., Cromwell, L. F., Robinson, B. E., & Wolinsky, F. D. (2021). The contribution of patient, primary care physician, and primary care clinic factors to good bone health care. *Permanente Journal*, 25, 1-3.

Santhana, V., Davis, M. B., & Rahhal, R. (2021, March 18). Impact of central venous catheter repair in pediatric intestinal failure. *Journal of Parenteral and Enteral Nutrition*. Advanced online publication.

Schwartz, A., Arnold, N., Skinner, B., Simmering, J., Eberlein, M., Comellas, A. P., & Fortis, S. (2021). Preserved ratio impaired spirometry in a spirometry database. *Respiratory Care*, 66(1), 58-65.

Subramain, M., Wangui-Verry, J. M., Sprenger, K. J., Comellas, A. P., & Barlow, P. B. (2021). Impact of COVID-19 on clinical research units (CRUs). *Journal of Clinical and Translational Science*, 5(1), e167.

The Gazette. (2021, April 29). Meet some of the local nurses honored by Great Nurses program [K. Bulin].

Tucker, S., McNett, M., Mazurek Melnyk, B., Hanrahan, K., Hunter, S. C., Kim, B., Cullen, L., & Kitson, A. (2021). Implementation science: Application of evidence-based practice models to improve healthcare quality. *Worldviews on Evidence-Based Nursing*, 18(2), 76-84.

Wolf, B. R., Tranovich, M. A., Marcussen, B., Powell, K. J., Fleming, J. A., & Shaffer, M. A. (2021). Team approach: Treatment of shoulder instability in athletes. *JBJS Reviews*, 9(11), e21.00087.

UI HOSPITALS & CLINICS BY THE NUMBERS FISCAL YEAR 21

866

TOTAL INPATIENT BEDS

676 adult inpatient beds at UI Hospitals & Clinics
190 pediatric beds at UI Stead Family Children’s Hospital

32,067

TOTAL PATIENT ADMISSIONS

FY 20: 32,872
FY 19: 36,068

1,348,060

CLINIC VISITS

FY 20: 1,039,681
FY 19: 1,082,647

2,644

BIRTHS

FY 20: 2,526
FY 19: 2,433

35,607

MAJOR SURGICAL OPERATIONS

FY 20: 32,807
FY 19: 34,736

169,757

MINOR SURGICAL PROCEDURES

FY 20: 151,815
FY 19: 154,669

48,655

EMERGENCY DEPARTMENT VISITS

FY 20: 50,468
FY 19: 55,956

1,059

PATIENTS TRANSPORTED BY AIR AND MOBILE CRITICAL CARE SERVICES

FY 20: 1,095
FY 19: 1,129

5,669

DEPARTMENT OF NURSING SERVICES AND PATIENT CARE TEAM MEMBERS

- 175 Care Coordination
- 5,198 Nursing
- 135 Rehabilitation Therapies
- 161 Respiratory Care

4

CONSECUTIVE MAGNET® DESIGNATIONS FOR NURSING EXCELLENCE



- 2004
- 2008
- 2013
- 2018

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