

SECOND ANNUAL NURSING RESEARCH AND COMMUNITY SYMPOSIUM APRIL 9 | 1:30-3:30 P.M. | NURSING BUILDING

Independent Double Checks

Candace Anderson

Implementation of Independent Double Checks in conjunction with the Rights of Medication Administration will help to reduce medication errors. Independent Double Checks are a cost-effective strategy to increase patient safety.

Outpatient Nursing Care for PTSD

Damian Boggs

Discussion on the holistic approach of nursing care in regard to its impact patients who are experiencing Post Traumatic Stress Disorder. Nurses can help identify patients who are suffering from PTSD.

Critical Care Nurse Burnout

Danielle Boggs

There are many different factors that affect critical care nurses and their ability and desire to remain in their field. Topics discussed include: how resilience affects a nurse's ability to cope with stress, psychosocial factors, and work-related scenarios that can increase the likelihood of nurse burnout.

Neurological Defects: SIDS

Melissa Brann

Exploration of the causation of Sudden Infant Death Syndrome has now shifted to correlate with the alterations of neurochemicals. The alteration of neurochemicals has been studied through various different means and can help to explain how the process of cardio respiration is altered.

Pressure Ulcers: 101

Marissa Carter

Pressure ulcers have a wide range of severity and must all be treated differently based on their characteristics. Incorrectly staged wounds lead to the use of improper treatment as well as a decrease in patient satisfaction and an increase in distrust of the staff and infection rate within the facility.

Nurse-to-Patient Ratio: Bottom Line

Shelly Coble

It has been more than a decade of nurses trying to seek regulation from the government on limiting the "nurse-to-patient ratio," in hospitals, and nursing care homes. Increasing the nurse-to-patient ratio is linked to increasing mortality, morbidity, and decreasing the length of hospitalization, as well as decreasing readmission within 30 days of onset of illness.

Vasopressors: Septic Shock

Carolyn Coleman

One third of patients are admitted into the ICU with a form of circulatory shock, making it vital to understand the best vasopressors to use when increasing systemic and circulatory blood flow. The use of dopamine, phenylephrine, epinephrine and vasopressin during septic shock is analyzed to find the most effective agent when combating mortality.

War on the Mind

Sara Comrie

Women in the military since 2003 have experienced more direct combat than ever before. These women are coming home to families, husbands, and a significant period of adjustment. They transition out of the military and enter the military health system which begins the arduous task of diagnosing their Post-Traumatic Stress Disorder and finding the cause.

Breast Cancer

Amber Conrad

Breast cancer awareness is of upmost importance. Three important things of breast cancer awareness are breast self-examinations, and how they help with early detections and prevention.

It Purely Wicks It Away

Elizabeth Crutchfield

Women are at the greatest risk for hospital acquired infection from an indwelling urinary catheter. The PureWick External Female Catheter could be the answer.

Methadone: Heroin Craving Treatment

Kayla Cruz

Despite agreement that methadone maintenance treatment (MMT) is an effective and safe option for treatment of heroin dependency, there have been controversies about its influence on heroin cravings. The length of methadone treatment is indefinite and MMT is not deemed an abstinence therapy.

Cesarean Births Unleashed

Ti'Yona Decoteau

There are many benefits to decreasing cesarean sections. The cost to patients and hospitals, mothers' mental health and mother-baby bonding and attachment may all be affected. When using proper guidelines, vaginal births encompass many benefits.

Pet Therapy: Pediatric Autism

Erika Ellis

The benefits of using pet therapy are reduction in anxiety and improvement of social skills in pediatric patients with autism spectrum disorder. Currently, the acceptance of pet therapy within the medical milieu remains controversial as to the effectiveness of this form of alternative therapy.

Children with Muscular Dystrophy

Sarah Ewin

Children with muscular dystrophy lose their ability to ambulate by age 15, and five years later, their lifespan dissipates around age 20. An examination of preventive treatments, early diagnosing, and medication regimens that are effective in order to prolong the quality of life for children.

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APRIL 9 | 1:30-3:30 P.M. | NURSING BUILDING (CONTINUED)**

Mandatory Flu Vaccines and Health Care Workers

Matthew Gatling

Health care workers are highly exposed to influenza in health care settings. Mandatory HCW influenza vaccinations proactively provide for protection of self, patients, and our family members.

Baby-friendly Initiative: Disparities

Jamie Gee

The research on breastfeeding dates back decades, yet the breastfeeding rate globally is only 44 percent immediately post birth with these rates declining with time post-partum. The baby-friendly initiative meant to increase breastfeeding rates, however, implementation is lacking and disparities prevail.

Emergency Room: Wait Times

Ryan Hardy

Many people become frustrated with the amount of time they must wait in the emergency room. There are several causes for prolonged wait times, and this project explores these possible causes.

Diabetic Foot Ulcers and Smartphones

Shira Lampman

The implementation of smartphone applications in telemedicine may enhance the effectiveness for continuous monitoring of diabetic foot ulcer wounds. Integrating this application into current health systems may provide expeditious assessments and treatments that could potentially reduce further complications and provide patients with opportunities for enhanced quality of life and improved wound care outcomes.

Nurse-to-Patient Ratios: Patient Outcome and Nursing Careers

Kathy McGlothen

The outcomes of nurse-to-patient ratios and the effects on both patients and nurses are imperative. Currently, there are pros and cons regarding different ratios, workload, the work environment while highlighting specific healthcare issue and benefits for both the patient and the nurse. Low nurse-to-patient ratios have been linked to improved patient outcomes.

Vaccinations: The Fight

Madeline McWilliams

There are two different camps on vaccinations: pros and cons. The pro on vaccination is that the more people who vaccinate, the better is the protection of the population.

Emergency Department Use

David Onyiego

The use of Emergency Departments for emergency versus non-emergency healthcare is increasing. There is a direct correlation by increased rates and ethnicity.

Micro-Preemies: The Tiniest Humans

Nicole Richiez

Micro-Preemies are defined as infants born at 28 weeks or less. These preemies typically weigh 1,000 g or less and are often at significant risks for future health challenges. Survival is key.

Nurse Fatigue

Hannah Sellers

Nurse fatigue is an ongoing issue that affects nurses physically, emotionally, and mentally. Insufficient sleep, extended work hours, and consecutive shifts have been identified as major contributors. These factors can also affect patient safety and the quality of care provided.

The Sweet Smell of Healing

Mallory Stonesifer

Lavender has been used for thousands of years as a form of natural medicine. Studies are showing that lavender contains properties that decrease the time it takes for burn patients to heal physically and mentally.

Ventilated Associated Pneumonia Prevention

Mekides Tamerat

In the U.S., up to 27 percent of ventilated ICU patients develop Ventilation Associated Pneumonia during their hospital stay and will only have 50 percent likelihood of survival. Nurse-driven preventive measures for VAP includes oral hygiene, hand hygiene and head of the bed elevation.

Critical Care: Caring for the Family

Jake Terry III

Family-centered care is of utmost importance within critical care units. Focusing on the barriers to providing family-centered care, how to overcome the barriers, and the importance of family-centered care within critical care units.

Minimizing Postoperative Ileus: Alvimopan

Ashton Walker

Alvimopan is now being used for postoperative patients. With new and improved pharmacologic management of pain, Alvimopan has been used to reduce pain after surgical procedures.