

## Midwest Conference Program Guide—Thursday, March 19, 2020

	Comments	Objectives
<b>Thursday March 19, 2020 8-9 am</b>		
<b>Keynote: Unstoppable</b>  <i>Megan Brunson</i> <i>AACN President</i>  <b>All Levels</b>	Angela Duckworth, a pioneering psychologist, states the secret to outstanding achievement is a special blend of passion and persistence, called grit. Research shows grit is celebrated as the 21 <sup>st</sup> century skill, above all other qualities. We define grit within ourselves, our profession, and our nursing community. The grit scale allows individuals to measure their current level of grit. Being an #unstoppablenurse means using prior historical examples illustrating inspiration of others to achieve and cultivate nursing innovation.	<ol style="list-style-type: none"> <li>1. Identify characteristics of grit using examples and current research descriptions.</li> <li>2. Determine the level of passion and perseverance an individual possesses using the grit scale.</li> <li>3. Discuss the various ways to develop grit in a healthcare environment and in our professional and personal lives.</li> <li>4. Illustrate how unstoppable nurses can cultivate and inspire nursing innovation</li> </ol>
<b>Thursday March 19, 2020 915-1030 am</b>		
<b>Nightshift: How Nurses and Patients Can Adapt to the Dark</b>  <i>Megan Brunson</i>  <b>All Levels</b>	This session explores the physical and physiological impact of the nightshift for patients and nurses. Understanding sleep architecture can provide a foundation for nurses to collaborate care improving outcomes and decreasing patient length of stay. Nightshift nurses must have concentrated efforts and effective strategies to reduce fatigue, decrease personal safety risk and explore barriers for professional growth. Nightshift Nurses have a strong sense of autonomy, creativity, and staff cohesiveness despite limited resources.	<ol style="list-style-type: none"> <li>1. Explore the physical and physiological impact of nightshift on nurses and patients</li> <li>2. Provide resources to manage working nightshift as a nurse by identifying steps to improve work-life balance</li> <li>3. Discuss various approaches to support healthier environment for nightshift nurses and minimize risk to patients.</li> <li>4. Discuss how patient care is impacted on nightshift</li> </ol>
<b>Symptoms and Seizures, Surgery and Survival: The Anatomy of Traumatic Brain Injury</b> <i>Eugene Mondor</i> <b>Proficient Levels</b>	The purpose of this session is to describe Traumatic Brain Injury (TBI), identify abnormal assessment findings, essential diagnostic tests, and most importantly, the most up-to-date, evidence-based, best practice strategies when caring for the patient with severe TBI in adult Critical Care.	<ol style="list-style-type: none"> <li>1. Define and describe the pathophysiologic basis and classifications of TBI</li> <li>2. Describe the role of the nurse in the assessment, diagnosis, and post-injury management of stable and unstable patients with severe TBI</li> <li>3. Outline future trends in research and care of adult patients with TBI</li> </ol>
<b>Advanced Heart Failure Treatment—LVAD</b>  <i>Cheryl Herrmann</i> <b>All Levels</b>	With the advancement of technology, destination LVADs are implanted for advanced heart failure facilitating the patient's return to his home community. When a medical event occurs that the patient needs prompt hospitalization, the patient initially comes to the local hospital. The emergency management of LVADs, assessment and prevention of complications and daily patient/LVAD management is essential.	<ol style="list-style-type: none"> <li>1. Discuss optimal goal directed medical care for advanced heart failure.</li> <li>2. Describe the principles of destination LVAD in advanced heart failure</li> <li>3. Explain troubleshooting and emergency management of LVADs.</li> </ol>
<b>Alcohol Withdrawal Syndrome: What Every Nurse Needs to Know</b>  <i>Heather Roppel</i>	Caring for patients experiencing Alcohol Withdrawal Syndrome (AWS) presents challenges for critical care nurses, advanced practice nurses, physicians, and pharmacists. This presentation will provide information about recognizing AWS, and provide a better understanding into the underlying	<ol style="list-style-type: none"> <li>1. Differentiate Alcohol Use Disorder (AUS), Alcohol Withdrawal Syndrome (AWS), and Delirium Tremens (DTs)</li> <li>2. Discuss physiological effects of alcohol.</li> <li>3. Recognize signs and symptoms of AWS and DTs</li> </ol>

<p>Sandy Cebrij</p> <p><b>All Levels</b></p>	<p>physiology and management strategies for this challenging patient population.</p>	<p>4. Illustrate alcohol withdrawal assessment tools.</p> <p>5. Develop medical management strategies for AWS- non-pharmacological and pharmacological interventions.</p>
<p><b>Thursday March 19, 2020 11-1215 pm</b></p>		
<p><b>Human Trafficking - Identification &amp; Response in the Healthcare Setting</b></p> <p><i>Elyse Dobney</i></p> <p><b>All levels</b></p>	<p>The purpose of this presentation is to increase knowledge of human trafficking for healthcare professionals and provide information and tools needed to be better equipped to identify victims, treat them, and provide them with help and resources.</p>	<ol style="list-style-type: none"> <li>1. Recognize signs, symptoms, and chief complaints commonly presented by human trafficking victims in the healthcare setting</li> <li>2. Describe methods of engagement and common barriers to patient disclosure</li> <li>3. List screening questions to identify situations of sex and labor trafficking</li> <li>4. Discuss practical considerations for providing trauma informed care</li> <li>5. Describe community resources available, including services, legal assistance, and law enforcement</li> </ol>
<p><b>So What's Eating You? Necrotizing Fasciitis!</b></p> <p><i>Eugene Mondor</i></p> <p><b>All levels</b></p>	<p>The purpose of this presentation is to explore the pathophysiological underpinnings, medical diagnosis, surgical management, and post-operative nursing care and recovery of the adult ICU patient with Necrotizing Fasciitis.</p>	<ol style="list-style-type: none"> <li>1. Describe the pathophysiology and classification of Necrotizing Fasciitis, including distinguishing Necrotizing Fasciitis from other soft tissue infections through "clinical staging."</li> <li>2. Describe the role of the Critical Care Nurse pre- and post-operatively, with a focus on hemodynamic stability, antibiotics, wound closure, skin grafting, and psychosocial adaptation</li> <li>3. Identify trends in care of Necrotizing Fasciitis.</li> </ol>
<p><b>12 Lead EKG Pearls from a Cardiac Expert</b></p> <p><i>Cheryl Herrmann</i></p> <p><b>All Levels</b></p>	<p>In a cardiac event, the clock starts ticking as soon as the coronary artery becomes occluded. Interpreting STEMI (ST segment elevation myocardial infarction) 12 Lead EKG changes and provide effective intervention to reduce the size of the AMI is imperative. The purpose of the seminar is to assist the health care professional in mastering 12-lead EKG assessment skills in order to identify the common and not-so-common changes</p>	<ol style="list-style-type: none"> <li>1. Learn a step by step approach to 12 Lead EKG interpretation</li> <li>2. Correlate the 12 Lead EKG to coronary arteries and area of infarction</li> <li>3. Quickly identify 12 Lead EKG changes for STEMI</li> </ol>
<p><b>Introduction to Burn Care- Priorities and Pitfalls</b></p> <p><i>Bridget Enright</i> <i>Kelly Metcalf</i></p> <p><b>All Levels</b></p>	<p>The presentation will discuss the pathophysiology of burns, how to determine the depth and size of the burn injury, evaluation, treatment, and management of burns (pre-hospital and inpatient), and American Burn Association's (ABA) referral criteria for transfer to a verified burn center.</p>	<ol style="list-style-type: none"> <li>1. Explain the pathophysiology of burns</li> <li>2. Describe how to evaluate, treat, and manage burns pre-hospital and inpatient</li> <li>3. Determine the depth and size of the burn</li> <li>4. State the important aspects of the ABA's referral criteria for transfer to a verified burn center</li> </ol>
<p><b>Thursday March 19, 2020 115-230pm</b></p>		
<p><b>Developing a Critical Care Outreach Practice</b></p> <p><i>Heather Cook</i></p>	<p>Critical Care Outreach Teams promote early detection and management of patient deterioration while facilitating top of license nursing practice. This interactive session will discuss strategies for data collection, implementation of Critical Care</p>	<ol style="list-style-type: none"> <li>1. Identify purpose and use of Early Warning Scores (EWS) by a Critical Care Outreach team.</li> <li>2. Summarize data in developing best practice and cost saving benefits of Critical Care Outreach.</li> </ol>

<b>Holly Losurdo</b> <b>All Levels</b>	Outreach across acute care settings, and resulting quality improvement.	3. Examine patient and nurse outcomes related to critical Care Outreach Teams. 4. Compare and contrast Critical Care Outreach and traditional Rapid Response Teams.
<b>Prime the Pump, Make Some Waves: Facilitating Best Practice Hemodynamic Monitoring in Adult Critical Care-Part 1</b> <i>Eugene Mondor</i> <b>Proficient level</b>	The purpose of this session is to identify physiological concepts essential to hemodynamic monitoring, review widely used hemodynamic monitoring techniques, and apply knowledge of hemodynamic principles to care of unstable, critically ill patients.	1. Explain how critical illness and/or injury alters hemodynamic function 2. Identify best practice guidelines for monitoring hemodynamic status in the critically ill patient 3. Select appropriate interventions for the critically ill patient in shock
<b>Sharpening Critical Thinking Skills with Challenging Case Studies</b> <i>Cheryl Herrmann</i> <b>All levels</b>	This interactive session discusses challenging and complex case studies with presenting signs and symptoms, then differential diagnosis, and finally management of the patient. Participants are expected to analyze vital signs, chest radiographs, 12 lead EKGs, and lab values to determine the differential diagnosis and nursing interventions	1. Outline plan of care for case studies presented 2. Utilize critical thinking skills to analyze challenging case studies 3. Discuss pathophysiology and treatment plans for atypical cardiac presentations
<b>Neuro for the Not So Neuro Minded</b>  <i>Barbee Bancroft</i> <b>All Levels</b>	This session will provide an overview of the functional neuroanatomy of major components of the nervous system. It will include higher cortical function, brainstem function, and peripheral nervous system function. Barb will correlate common neurological conditions with each of the above.	1. Discuss the cerebral cortex and higher cortical function. 2. Describe the functional neuroanatomy of the brainstem. 3. Discuss the reflex arc of the peripheral nervous system
<b>Thursday March 19, 2020 245-4 pm</b>		
<b>Ethical Case Studies in the ICU</b>  <i>The Reverend Dr Clint Moore III</i> <b>All Levels</b>	This presentation will center around the ethical issues that arise for clinical caregivers in the ICU. These issues demand a response based on a practical and workable framework, which allows all interested parties to consider the values held by various stakeholders. The articulation and use of such a framework allows for a value-based conversation that can lead to an ethically-based plan of care.	1. Articulate an ethical framework of principles for use in considering ethical issues 2. Apply ethical framework to issues that arise in the ICU as a means of addressing conflicting values 1. Consider alternative interpretations of principles that might best be used when situations seem 'out of control.'
<b>Prime the Pump, Make Some Waves: Facilitating Best Practice Hemodynamic Monitoring in Adult Critical Care-Part 2</b> <i>Eugene E. Mondor</i> <b>Proficient Level</b>	The purpose of this session is to describe refractory shock, review more familiar and newer hemodynamic monitoring options (including the Pulmonary Artery Catheter), and suggest evidence-informed rescue therapies for optimizing patient conditions.	2. Explain Refractory Shock, and initial first steps in addressing this complex condition. 3. Identify available invasive and non-invasive options for monitoring overall hemodynamic status of adult Critical Care patients in shock 4. Identify practice management strategies for supporting and evaluating hemodynamics in the patient with refractory shock
<b>Pulmonary Patient Care Issues</b>  <i>Cheryl Herrmann</i>	This session will start with an overview of the basics of chest x-ray interpretation. It will cover air leak syndromes (pneumothorax), pleural effusions, pulmonary hypertension and pulmonary embolus. For each pulmonary issue, signs &	1. Identify common pulmonary disorders on chest xray 2. Identify 12 lead EKG changes with pulmonary issues

<b>All levels</b>	symptoms, pathophysiology, CXR, EKG findings and treatment will be presented.	3. Outline plan of care for pulmonary issues presented
<b>Neuro for ER Nurses</b>  <i>Barbee Bancroft</i> <b>All Levels</b>	In the ER, accurate Neuro assessments are essential. By incorporating various assessment tools to assist the nurse, these assessments will improve the identification of potential neuro issues.	1. Identify tools to perform an abbreviated mental status exam. 2. Assess brainstem function in a comatose patient 3. Perform a modified motor and sensory exam.

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	Comments	Objectives
<b>Friday, March 20, 2020 7-8am</b>		
<b>Targeted Temperature Management: Science and Clinical Application</b> <i>Rick Rettke</i> <i>Sponsored by ZOLL</i> <b>All Levels</b>		
<b>Friday, March 20, 2020 815-915 am</b>		
<b>KEYNOTE: Every Interaction is a Presentation: Make Them Count</b> <i>Kevin O'Conner</i> <b>All Levels</b>	This keynote will revolve around the essential and fundamental ways we and others come to work. How we invest our time and ourselves for and with others.	1. Identify one's own particular "why" 2. Develop a better understanding of the other perspective 3. Evaluate what needs to be done on a daily basis for further development
<b>Friday, March 20, 2020 945-11 am</b>		
<b>Prone Positioning: What's New</b>  <i>Tyler Weiss</i> <b>All levels</b>	This presentation will cover up to date trends on prone positioning in ARDS. In addition, mechanical ventilation strategies while prone will be discussed along with ways to safely prone a patient.	1. Discuss the recent increase in the recommendations for prone positioning in ARDS. 2. Describe methods to safely place a patient in the prone position 3. Discuss mechanical ventilation management strategies for patients in the prone position
<b>Living and Working with (Sometimes) Difficult People</b> <i>Kevin O'Conner</i> <b>All Levels</b>	How to speak to the personality language of the other person especially in conflict situations. How to also understand the priorities of the other person organizationally. How to apply these principles and skills at home and at work.	1. Know the four personality languages as they apply to themselves personally. 2. Determine a way to identify the language of the other person quickly. 3. Develop a way to respond quickly to unexpected conflict.
<b>Post Traumatic Immunosuppression: What Happens When the Bleeding Stops?</b> <i>Rose Milano</i> <b>All Levels</b>	Have you ever wondered why you care for 2 adult trauma patients with similar injuries and co-morbidities and 1 recovers fully while the other does not? A dysfunction in the normal immune response has been indicated in research as a potential cause. This presentation will provide a brief review of a normal immune system response to traumatic injury, in addition to the latest research into post traumatic immune system dysfunction.	1. Review the function of a normal immune system 2. Summarize research regarding post traumatic immune system dysfunction 3. Examine clinical implications and future research of post traumatic immunosuppression
<b>Sepsis 2020 Part 1</b>	Aligning with the AACN theme, "Unstoppable" the nurse has the capability to influence outcomes of sepsis. This session will	1. Identify the key concepts in the pathobiology of sepsis.

<b>Michael Ackerman</b> <b>Tom Ahrens</b> <b>Proficient Level</b>	engage the learner in an interactive overview of the cause, identification, and the role of the nurse in the tx of sepsis.	2. Apply the latest Surviving Sepsis guidelines published to evolving and unfolding case studies. 3. Discuss the importance of genomics in individualized care of the patient with sepsis.
<b>Friday, March 20, 2020 1115 a-1230 p</b>		
<b>Pushing the Boundaries on Minimally Invasive Treatment for Neurovascular Disease</b> <i>Brian Walcott</i> <b>All levels</b>	This presentation will be an overview of state-of-the-art treatment options for ischemic and hemorrhagic stroke	1. Identify the role of dedicated neurovascular surgeons in the treatment of the acute cerebrovascular event. 2. Discuss criteria to select patients for emergent endovascular treatment of ischemic stroke. 3. Examine the new devices and technology used to treat cerebral aneurysms
<b>Real Life in the ICU: Current Challenges and Concerns</b> <i>Kevin O'Conner</i> <b>All Levels</b>	This will be an open ended confidential group discussion of the issues and challenges of working as an ICU nurse or nurse manager.	<b>1.</b> Develop an understanding of the concerns of ICU professionals today <b>2.</b> Determine the questions that ICU nurses have <b>3.</b> Understand what kind of support needs to accompany professionals into this environment.
<b>Abdominal Trauma: What would Sherlock Holmes Do?</b>  <i>Rose Milano</i>  <b>Proficient Level</b>	Caring for an adult patient with abdominal trauma while common can be highly challenging. Being able to recognize signs, choose appropriate diagnostics and develop an evidenced based management plan allows providers to optimize patient outcomes.	1. Identify signs and symptoms of select solid organ, hollow viscous and mesenteric injury in an adult trauma patient. 2. Choose appropriate diagnostics in the care of the adult trauma patient with the above identified abdominal injuries. 3. Design a management plan of care for the adult trauma patient using evidence-based strategies for the above identified abdominal injuries.
<b>Sepsis 2020 Part 2</b> <i>Michael Ackerman</i> <i>Tom Ahrens</i> <b>Proficient Level</b>	Aligning with the AACN theme, "Unstoppable" the nurse has the capability to influence outcomes of sepsis. This session will engage the learner in an interactive overview of the cause, identification, and the role of the nurse in the tx of sepsis.	1. Identify the key concepts in the pathobiology of sepsis. 2. Apply the latest Surviving Sepsis guidelines published to evolving and unfolding case studies. 3. Discuss the importance of genomics in individualized care of the patient with sepsis.
<b>Friday, March 20, 2020 130-245 pm</b>		
<b>Coronary Angiography and Intervention</b>  <i>Anna Mall</i> <b>Proficient Level</b>	In the Cardiac Cath Lab, guided by angiographic images and videos, participants assess coronary anatomy followed by simple and complex coronary interventions. Guidelines for the use of devices to treat complex lesions are discussed, including mechanical circulatory support and atherectomy. Nursing considerations for vascular access management, medication management and procedural complications are highlighted.	1. Identify characteristics of coronary angiograms. 2. Describe indications for the use of devices in the high-risk percutaneous coronary intervention patient. 3. Apply professional guidelines related to postprocedural care and patient-centered outcomes to nursing practice.
<b>Chest x-ray Interpretation: From Basics to Abnormal Utilizing Case Studies</b>	This presentation will review chest imaging, including the basics to more proficient. Actual case studies and intraoperative pictures will be utilized to enhance learning.	1. Define silhouette sign. 2. Define parapneumonic effusion. <b>3.</b> Recognize the significance of clinical correlation with radiographic presentation.



<b>Susan Collazo</b> <b>All Levels</b>		
<b>Even Miracles Take Time: Why the Donation Process Takes so Long</b> <i>Lisa Hinsdale</i> <b>All Levels</b>	Explanation of organ donation process and why the organ donation process takes multiple days to complete.	<ol style="list-style-type: none"> <li>1. Identify basic diagnostic testing needed to complete a donor evaluation.</li> <li>2. Compare HLA testing, serological testing, and Nucleic Acid Testing.</li> <li>3. Summarize how the organ allocation system works in the United States.</li> </ol>
<b>Burnout and Resiliency</b> <i>Michael Ackerman</i> <b>All Levels</b>	Understand the Relationship between Emotional Intelligence and Resiliency	<ol style="list-style-type: none"> <li>1. Define the problem: Stress and burnout</li> <li>2. Discuss causes of burnout in healthcare providers</li> <li>3. Define emotional intelligence</li> <li>4. Discuss the relationship between resilience and emotional intelligence</li> </ol>
<b>Friday, March 20, 2020 3-415 pm</b>		
<b>When There is Smoke, There is Fire: The Vaping Crisis</b> <i>Juli Aistars</i> <b>All Levels</b>	This presentation will discuss the current state of the vaping epidemic and what we as healthcare professionals can do	<ol style="list-style-type: none"> <li>1. Discuss basic history of electronic nicotine delivery systems (ENDS) in the U.S., and safety and government regulations regarding ENDS</li> <li>2. Discuss current knowledge of ENDS health effects</li> <li>3. Discuss knowledge of EVALI (E-cigarette and vaping use-associated acute lung injury)</li> <li>4. Identify the Critical Care Nurse's role in patient/family education and recommendations</li> </ol>
<b>Hemodynamics</b>  <i>Tom Ahrens</i> <b>All Levels</b>	For over 100 years clinicians have used physical assessment to assess patients volume status and cardiac function, despite clear research showing this method of assessment is inadequate and at times misleading. In this program, the concept of occult hypoperfusion will be presented and how it can be avoided by using stroke volume optimization. Methods of measurement are also presented, illustrating how newer, non-invasive methods are available and used in practice	<ol style="list-style-type: none"> <li>1. Describe why stroke volume optimization can improve patient outcome</li> <li>2. Discuss the issue of whether current non invasive measures of cardiac output are ready to be used to replace the pulmonary artery catheter</li> <li>3. Describe how occult hypoperfusion can occur in the presence of normal vital signs and urine output</li> </ol>
<b>Preparing for the Silver Tsunami: Geriatric Trauma</b>  <i>Rovi Origenes</i> <b>All Levels</b>	This presentation will discuss the common mechanisms of injury for the geriatric trauma patients, the significant implication of physiologic changes of aging to trauma resuscitation principles and the current Best Practice Guidelines in the management of geriatric trauma patients.	<ol style="list-style-type: none"> <li>1. Identify common mechanisms of injury for the geriatric population.</li> <li>2. Describe significant implication of aging physiologic changes to trauma resuscitation principles.</li> <li>3. Discuss current Best Practice Guidelines in the management of geriatric trauma patients.</li> </ol>
<b>Silence: A Never Event</b> <i>Michael Ackerman</i> <b>All Levels</b>	The purpose of this presentation is to engage the participant in an interactive exploration of how silence impacts the culture of safety as well as interpersonal relationships in the healthcare environment. Also highlighted is AACN's HWE Standard	<ol style="list-style-type: none"> <li>1. Evaluate the literature with respect to work environment, patient outcomes and nurse burnout.</li> <li>2. Formulate tools to create culture where it is safe to speak up.</li> <li>3. Apply the concepts learned to the participant's own environment through self-reflection and analysis.</li> </ol>