A conference registration includes lunch for three days of the conference. Breakfast is not provided at the conference, however it is included at the Embassy Suites with the guest rate. Also, a conference registration DOES NOT include a ticket for Wednesday nights Back Yard BBQ. If you wish to attend, you must purchase a $20 ticket by July 26th, 2022.

MEALS & BACKYARD BBQ TICKETS

A conference registration includes lunch for three days of the conference. Breakfast is not provided at the conference, however it is included at the Embassy Suites with the guest rate. Also, a conference registration DOES NOT include a ticket for Wednesday nights Back Yard BBQ. If you wish to attend, you must purchase a $20 ticket by July 26th, 2022.

REGISTRATION

ALL registrations must be submitted ONLINE at https://www.cvent.com/d/jhqh76/4W

It is very important that you provide an e-mail address, so you can get your CE certificate. Also, be sure to check all boxes that apply. Once you complete the registration form, there will be an option to pay online with credit card or mail payments to MOEMSC&E-PO Box 125, Strafford, MO 65757

If you have problems with the online form, don’t have access to fill it out online, or have questions, contact Barb at missouriemsexpo@gmail.com

FINE PRINT

Earlybird Registration Deadline: July 19, 2022

Registrations received after this date will include a $50 late fee.

Cancellations / Refunds: A refund, minus a $25 administrative fee, will be granted ONLY if cancellation is received in writing via email to missouriemsexpo@gmail.com by 5 pm, July 19, 2022 or as a result of circumstances approved by the Conference Planning Committee. No refunds will be issued for unused Back Yard BBQ tickets.

Conference Rates:

Three Day Conference (July 26-28) - $375
One day Conference (Choose a Day) - $130
Two Day Conference (Choose 2 Days) - $250

Other options:

Vendor Pass - $10 each
Backyard BBQ Tickets - $20 each
Late Registration Fee (After July 19, 2022) - $50

Continuing Education Hours:

EMS CEU is granted through Mercy EMS-Springfield
Nursing CE will be provided by ASTNA, an approved provider for the California Board of Registered Nursing.
Critical Care CE provided by Washington County EMS

Category for each session are listed on the schedule.

3 Day Conference Sessions = 22 CEU’s
Wednesday, July 26 = 7.5 CEU’s
Thursday, July 27 = 7 CEU’s
Friday, July 28 = 7.5 CEU’s
= 22 TOTAL hours available if you attend all sessions

EXHIBIT HALL PASSES

You can buy an exhibit hall pass for $10 each if you would like to visit the vendor area anytime it is open without buying a full conference registration. Vendors open: Tuesday, July 26th - 12:15-1330, 1445-1515 & 1630-1830; Wednesday July 27th – 1030-1100 & 12:30-1400 & 1515-1545
### Conference: Monday, July 25

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1230-1530</td>
<td>State Advisory Council Meeting (Room 105)</td>
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<tr>
<td>1600-1630</td>
<td>MEMSA Board Meeting (Room 105)</td>
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### Conference: Tuesday, July 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>0645-0745</td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td>0745-0800</td>
<td>Opening Remarks/Posting of Colors (Grand Ballroom C)</td>
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<tr>
<td>0800-0915</td>
<td>General Session - The Bizarre &amp; Spectacular Terry Foster (Grand Ballroom C)</td>
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<tr>
<td>0915-0930</td>
<td>Break</td>
<td></td>
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<tr>
<td>0930-1045</td>
<td>BREAKOUTS</td>
<td></td>
</tr>
<tr>
<td><strong>Clinical</strong></td>
<td>Not For Human Consumption Angie Geigerich (Grand Ballroom C)</td>
<td></td>
</tr>
<tr>
<td><strong>Instructor</strong></td>
<td>Using Your Lecture To Lead Nicolas Smith (Grand Ballroom D1)</td>
<td></td>
</tr>
<tr>
<td><strong>Nursing</strong></td>
<td>Concussions: From the Coliseum to the Clearance James Cahalin, MD (Grand Ballroom D2)</td>
<td></td>
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<tr>
<td><strong>Critical Care</strong></td>
<td>POCUS for Resuscitation of the Critically Ill Darick Day (Grand Ballroom D3)</td>
<td></td>
</tr>
<tr>
<td>1045-1100</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>1100-1215</td>
<td>BREAKOUTS</td>
<td></td>
</tr>
<tr>
<td><strong>Clinical</strong></td>
<td>BLS in an ALS World Josh Stilley (Grand Ballroom C)</td>
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<tr>
<td><strong>Management</strong></td>
<td>Managing the Millenial Workforce Bailey Bindle (Grand Ballroom D1)</td>
<td></td>
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<tr>
<td><strong>Nursing</strong></td>
<td>I Have Had Every Disease Known to Man Dealing with Munchausen's Terry Foster (Grand Ballroom D2)</td>
<td></td>
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<tr>
<td><strong>Critical Care</strong></td>
<td>Invasive Mechanical Ventilation Justin Duncan (Grand Ballroom D3)</td>
<td></td>
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<tr>
<td>1215-1330</td>
<td>Lunch/Exhibits (Expanded Exhibit Hall)</td>
<td></td>
</tr>
<tr>
<td>1330-1445</td>
<td>BREAKOUTS</td>
<td></td>
</tr>
<tr>
<td><strong>Clinical</strong></td>
<td>All the Bleeding Stops Eventually Angie Geigerich (Grand Ballroom C)</td>
<td></td>
</tr>
<tr>
<td><strong>Instructor</strong></td>
<td>Learning to Know Nicolas Smith (Grand Ballroom D1)</td>
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<tr>
<td><strong>Nursing</strong></td>
<td>Making Just Culture a Reality Shannon Watson (Grand Ballroom D2)</td>
<td></td>
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<tr>
<td><strong>Critical Care</strong></td>
<td>Thoracostomy Master Class David Wright (Grand Ballroom D3)</td>
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<tr>
<td>1445-1515</td>
<td>Break/Exhibits (Expanded Exhibit Hall)</td>
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<tr>
<td>1515-1630</td>
<td>Closing - General Session - It’s All About the Mindset Josh Stilley (Grand Ballroom C)</td>
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<tr>
<td>1630-1830</td>
<td>Registration/Reception (Expanded Exhibit Hall)</td>
<td></td>
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<tr>
<td>1730-1830</td>
<td>MEMSA’s Annual Membership Meeting &amp; Awards Ceremony (Grand Ballroom C)</td>
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### Conference: Wednesday, July 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800-0900</td>
<td>BEMS Update Taz Meyer (Grand Ballroom C)</td>
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<tr>
<td>0900-0915</td>
<td>Break</td>
<td></td>
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<tr>
<td>0915-1030</td>
<td>General Session - Nursing &amp; EMS, Tension vs Teamwork Jason Dush (Grand Ballroom C)</td>
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<tr>
<td>1030-1100</td>
<td>Break/Exhibits</td>
<td></td>
</tr>
<tr>
<td>1100-1215</td>
<td>BREAKOUTS</td>
<td></td>
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<tr>
<td><strong>Clinical</strong></td>
<td>To Catch A Killer - Using the ECG to Identify Potentially Lethal Pathologies Darick Day (Grand Ballroom C)</td>
<td></td>
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<tr>
<td><strong>Instructor</strong></td>
<td>New Licensed Management System QICE-BEMS George Miller (Grand Ballroom D1)</td>
<td></td>
</tr>
<tr>
<td><strong>Nursing</strong></td>
<td>Surviving &amp; Thriving the Crazy Work of Emergency Nursing Terry Foster (Grand Ballroom D2)</td>
<td></td>
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<tr>
<td><strong>Critical Care</strong></td>
<td>Seize the Moment: Treating Pediatric Epilepsy Patients Nick Salzman (Grand Ballroom D3)</td>
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</tr>
<tr>
<td>1215-1400</td>
<td>Lunch/Exhibits (Expanded Exhibit Hall)</td>
<td></td>
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<tr>
<td>1400-1515</td>
<td>BREAKOUTS</td>
<td></td>
</tr>
<tr>
<td><strong>Clinical</strong></td>
<td>Man Vs Machine-ATV Trauma Cases Josh Dush (Grand Ballroom C)</td>
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<tr>
<td><strong>Instructor</strong></td>
<td>Managing the 1500 lb patient Brian Hokamp (Grand Ballroom D1)</td>
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<tr>
<td><strong>Nursing</strong></td>
<td>Didn’t They Teach You Anything in Nursing School??? Identifying and Addressing Bullying and Incivility in Nursing Charlene Draleau (Grand Ballroom D2)</td>
<td></td>
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<tr>
<td><strong>Critical Care</strong></td>
<td>Invasive Mechanical Ventilation of the Pediatric Pt Ronda Bradley (Grand Ballroom D3)</td>
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<tr>
<td>1515-1545</td>
<td>Exhibits (Expanded Exhibit Hall)</td>
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<tr>
<td>1545-1700</td>
<td>CLOSING A Journey from Surviving to Thriving Andrew Oberle (Grand Ballroom C)</td>
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<tr>
<td>1900-2200</td>
<td>Backyard BBQ/Tailgate Party (Grand Ballroom A&amp;B)</td>
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### Conference: Thursday, July 28

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>0800-0915</td>
<td>EMS and Emergency Medicine Legal and Regulatory Issues</td>
<td>Grand Ballroom C</td>
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<tr>
<td>0915-0930</td>
<td>Break</td>
<td></td>
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<tr>
<td>0930-1045</td>
<td>Breakouts</td>
<td></td>
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<tr>
<td></td>
<td>Clinical</td>
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<td></td>
<td>Pre-hospital and Hospital Integration of Missouri Crisis Intervention Teams (CIT), Alternate Transportation Options and Protective Custody</td>
<td>Grand Ballroom C</td>
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<td></td>
<td>Management</td>
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<tr>
<td></td>
<td>Losing one of our own</td>
<td>Grand Ballroom D1</td>
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<td></td>
<td>Nursing</td>
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<td></td>
<td>After ROSC: Active Management for Improving Cardiac Arrest Outcomes</td>
<td>Grand Ballroom D2</td>
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<td></td>
<td>Ventilation</td>
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<td></td>
<td>Managing the Lethal Triad in Airway Management</td>
<td>Grand Ballroom D3</td>
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<tr>
<td>1045-1115</td>
<td>Break/Checkout</td>
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<tr>
<td>1115-1230</td>
<td>Breakouts</td>
<td></td>
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<tr>
<td></td>
<td>Clinical</td>
<td></td>
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<td></td>
<td>Organized Chaos</td>
<td>Grand Ballroom C</td>
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<tr>
<td></td>
<td>Instructor</td>
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<tr>
<td></td>
<td>Emotional Support Dog</td>
<td>Grand Ballroom D1</td>
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<tr>
<td></td>
<td>Nursing</td>
<td></td>
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<tr>
<td></td>
<td>Just Intoxicated? Maybe Not...</td>
<td>Grand Ballroom D2</td>
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<tr>
<td></td>
<td>Critical Care</td>
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<tr>
<td></td>
<td>Noninvasive Mechanical Ventilation</td>
<td>Grand Ballroom D3</td>
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<tr>
<td>1230-1330</td>
<td>Lunch</td>
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<tr>
<td>1330-1445</td>
<td>Breakouts</td>
<td></td>
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<tr>
<td>1445-1500</td>
<td>Break</td>
<td></td>
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<tr>
<td>1500-1615</td>
<td>Closing General Session - The Culture of Civility</td>
<td>Grand Ballroom C</td>
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#### CEU Hours

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Conference</td>
<td>7.5 hours</td>
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<tr>
<td>Day 1</td>
<td>7.5 hours</td>
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<tr>
<td>Day 2</td>
<td>7 hours</td>
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<tr>
<td>Day 3</td>
<td>7.5 hours</td>
</tr>
<tr>
<td>Nursing CE's</td>
<td>22 hours</td>
</tr>
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### Games, Music, Traditional & Non-Traditional Dishes

More info to come.
Andrew Oberle: In June 2012 while conducting my anthropology Master’s research in South Africa, I was mauled by two adult male chimpanzees and nearly lost my life. I fought in a Johannesburg ICU for two months, kept alive in an induced coma and on a ventilator. Thanks to the help of an emergency nurse in St. Louis, I flew home and received extensive care and intensive rehabilitation for my many injuries and amputations at Saint Louis University Hospital and the Rehabilitation Institute of St. Louis. The incredible experience I had during my recovery has led to my new life purpose of helping others, serving as the Director of Development for the Oberle Institute, a new holistic trauma program at Saint Louis University that aims to build a community that heals together and assists patients on their journey from surviving to thriving. I want to share my story of survival in hopes that I can inspire others as they experience hardship and create a global dialogue about the effects of resilience on a thriving recovery and the importance of community for overcoming adversity.

Kene Chukwuauwu, MD, is a native of St. Louis, Missouri and is an emergency medicine trained-intensivist. Dr. Chukwuauwu completed his undergraduate studies and medical degree at the University of Missouri-Columbia. He completed residency in emergency medicine at Saint Louis University (SLU), where he was also Chief Resident during his senior year, followed by a Medical Education Fellowship at SLU. He then completed a Multidisciplinary Critical Care Medicine Fellowship at the University of Florida. He is board certified in both emergency medicine and critical care medicine. He currently serves as Associate Residency Program Director and Director of Emergency Ultrasound in the Emergency Medicine Residency Training Program at the Saint Louis University School of Medicine. His clinical academic interests include point of care ultrasound education, cardiac arrest, shock, and ARDS.

Jason Dush serves as the EMS Manager for the Texas Department of Public Safety, Division of Homeland Security and Emergency Management, Field Response. Prior to working for DPS, he was the Chief Operating Officer for a national ambulance transport company. He previously worked as full-time Firefighter Paramedic for the Arlington Fire Department for 10 years where he also served as the EMS Clinical Coordinator for 3 years. Jason’s resume includes 23 years of paid EMS/Fire with 2 different large metropolitan departments and 13 years as a Critical Care flight paramedic. Jason has been an active commissioned police officer and Tactical Paramedic since 1997, currently commissioned as a sheriff deputy in Williamson County, TX. Jason is passionate about EMS education and is a known speaker locally and nationally over the last 14 years for bringing a sense of motivation, humor, passion, energy, leadership, and practical experience to his audience.

Terry M. Foster, MSN, RN, CCRN, TCRN, CPEN, CEN, FAEN, Terry M. Foster was originally a 1977 LPN graduate of Booth Memorial Hospital School of Practical Nursing in Covington, Kentucky. After working for 4 years as an LPN in both the ED & ICU, he received his RN diploma from The Christ Hospital School of Nursing, Cincinnati, and in 1997 received his Master’s Degree in Critical-Care and Trauma Nursing from the University of Cincinnati College of Nursing and Health. During his career, he has held positions of volunteer, ward clerk, staff nurse, charge nurse, critical-care instructor, clinical director and night supervisor, at both the Mercy Hospitals of Cincinnati, Ohio, and at St. Elizabeth Medical Center in northern Kentucky. His primary areas of nursing experience have always been in the Emergency Department and Critical-Care Units where he has national certifications in four areas: critical-care nursing, emergency nursing, pediatric emergency nursing, and trauma nursing.

Terry has authored more than 40 professional publications in various textbooks, nursing, and healthcare journals. He has lectured on a wide variety of clinical topics at nursing seminars and conferences throughout the USA, having given a total of over 5000 formal presentations, covering all 50 states by the time he turned 50 years old. Nationally he is a well-known and sought-after speaker on nursing humor, as well as clinical topics on critical-care and emergency nursing, always representing St. Elizabeth, and nurses, in a positive light. As a professional humorist, Terry has also performed at the Las Vegas Caesar’s Palace, Atlantic City’s Trump Tower, and at local comedy venues in the greater Cincinnati area.

An active community volunteer, he regularly volunteers for Covington’s Parish Soup Kitchen, Holy Cross Catholic Church, the Cincinnati Arts Association, “Chicks & Chucks” Breast Cancer Support group, and oversees the operation of the Peggy Foster Memorial Fund. He is also a member of the executive committee of the St. Elizabeth Foundation and volunteers on multiple charitable boards and especially for fundraiser events. He has previously served for many years on the alumni board of The Christ Hospital School of Nursing, and currently serves on the boards of Rosedale Green and the Northern Kentucky Health Department. Terry has been the recipient of the Judith Kelleher award, which is the highest award, given by the national Emergency Nurses Association and he was inducted as a Fellow into the Academy of Emergency Nursing, an internationally appointed group of accomplished emergency nursing leaders from around the world. In 2018, Terry was elected to a three-year term on the national Emergency Nurses Association Board of Directors. In 2020, he was elected Secretary/Treasurer of the ENA.

Over the past ten years, Terry has been featured in ten episodes of The Learning Channels (TLC) national TV program “Untold Stories of the ER.” He is the first RN to ever be featured on this physician only based television show.

Since 1998, Terry has been the Critical-Care Clinical Nurse Specialist in the six Emergency Departments at St. Elizabeth Healthcare system (a Magnet designated hospital) based in Edgewood, Kentucky. In June, 2017, Terry was promoted to the dual role of Ambassador for the St. Elizabeth Foundation along with his position as a Critical Nurse Specialist in the Emergency Departments. He has been employed in this six-hospital system since 1975.
George Wright served in public safety for 39 years as a firefighter and hold position as Captain/Safety Officer, George has served for 34 years as an EMT, retiring from Salt River Ambulance in May 2019. Teaches EMS for Macon Area Career Center for 27 years. Attending the National Honor Guard academy in 2011, George serves as state commander for the Missouri EMS funeral team and Chairman of the Member of the fire funeral assistance team for 12 years, and a member of L.A.S.T. team. My wife and myself serve as volunteers for Supporting Heroes. George is married for 39 years and has 2 sons.

Rachael A. Smith, MSN, RN, CEN, CCRN, CPEN, TCRN is an Associate Professor of Nursing at a Community College in Connecticut and also works part-time nights stretcher side at a freestanding ED. Rachael has had a varied clinical background including pediatric/adolescent psych, medical surgical stepdown and an educator in a community hospital ED. Rachael was the state president of the Missouri EMS Memorial foundation. She has recently obtained TCRN certification. Rachael speaks both ENA Connecticut State Council in 2020 and the CoChair of the ENA National Planning Committee in 2021. Rachael speaks both nationally and locally on various topics related to emergency nursing.

George Miller has worked in Emergency Medical Services for over 45 years. In 1972, he became a firefighter and followed with obtaining his paramedic license in 1980. George taught emergency medical programs at The University of Missouri for 15 years; it was during that time that he helped write Missouri regulations and statutes for EMS programs. George joined The Bureau of EMS in April of 2017; during that time he has developed the Quality Improvement Continuing Education program, and has developed pilot program guidelines for hybrid EMT courses. George is also working with our team to update current regulations and statutes to bring them to current EMS standards as well as updating procedures and guidelines as it relates to EMS programs, entities and personnel.

Charlene Draleau, MSN, RN, CPN, CPEN, NPD-BC, TCRN, is a clinical development specialist at Rhode Island Hospital and Hasbro Children's Hospital, the only Level 1 trauma center in the state. She has over 20 years of pediatric emergency & trauma experience. Charlene has been a clinical educator in the pediatric emergency department and has also done intra hospital critical care transport. Charlene has always loved to teach and is very passionate about professional development in nursing. She is currently the residency coordinator for both adult medical surgical and pediatric emergency, inpatient & PICU nursing. She is slightly addicted to certifications and is board certified as a nursing professional development specialist (because if I didn’t do that, I would be a generalist, ugh). I maintain certification in pediatric nursing and pediatric emergency nursing and have recently obtained TCRN certification. She is the president of the RI Emergency Nurses Association and was a member of the ENA National Conference Planning committee for 4 years and is currently on the peer review committee. She has presented nationally and is very happy to be a part of your conference.

Brian Hokamp, Director of EMS, Christian Hospital EMS, has been involved in the EMS career field since 2001. In 2001 he obtained his EMT-B license through St. Louis Community College. After obtaining his EMT license Brian worked at DePaul ED as an Emergency Room Technician. In 2002 Brian entered the United States Navy. He served as a Hospital Corpsman for 6 years achieving the Rank of HM2. During his 6 year enlistment Brian served at the National Naval Medical Center at Bethesda and with the 2d Marine Division in Camp Lejeune, NC. Brian was deployed twice during his enlistment. The first deployment was in 2003 and he was assigned to the USNS Comfort. His second deployment was in 2006. During this deployment he was the Senior Medical Department Representative for 1st Battalion 9th Marines. He over saw the medical well-being and treatment of over 240 Marines. While Brian was stationed in NC, he obtained his National Registry Paramedic License through Coastal Carolina Community College.

In 2008 Brian joined Christian Hospital as a Paramedic. In a short period of time he became an FTO and a fill in Duty Officer. In 2010 Brian was promoted to an Operational Supervisor. In 2013 Brian was promoted to Assistant Chief. Brian helped lead Christian Hospital EMS through the 2014 civil unrest in Ferguson. Christian Hospital EMS was also awarded the National EMS Service of the Year award for 2014. In 2015 Brian was promoted to the Chief of EMS. During Brian’s career he has extended his education by obtaining an Associates in Applied Science, Bachelors of Science in Management, and Masters of Business Administration. In addition to his daily responsibilities Brian is a Board Member with the Christian Hospital Foundation. Brian also became a member of Delta Mu Delta the International Honor Society of Business in 2020. Additional awards include the 30 Leaders in their Thirties award from North County Incorporated and a Patriotic Employer award from the Office of the Secretary of Defense.
Justin P. Duncan  BS, NRP, CCEMT-P, FP-C, currently serves as the Chief Executive Officer for Washington County Ambulance District and is President of the Missouri EMS Association (MEMSA). Justin holds a Bachelor of Science in EMS Administration and is a graduate student, seeking a Master of Science in Organizational Leadership. Justin is a Nationally Registered Paramedic, Missouri Licensed Paramedic, Board-Certified Critical Care Paramedic and Board-Certified Flight Paramedic. Justin also holds numerous instructor certifications and designations. From ground and air EMS clinician, to clinical educator, to line level supervisor, to department manager, to regional director and now Chief Executive Officer, Justin has a well-rounded patient care and leadership portfolio. Justin’s passions include: advocating for the EMS profession as true healthcare professionals, the changing world of EMS (where are we going next), mechanical ventilation of the acutely ill (invasive and non-invasive), engaging in a good and healthy debate, educating eager minds and supporting those who take care of the ill and injured; Justin is a dedicated servant leader.

Joshua Stilley, MD: Chief, Division of EMS, Department of Emergency Medicine University of Missouri – Columbia 5 years as volunteer FF/EMT. Residency EM trained with 6 years of EMS Medical Direction and field physician experience.

David Wright, MS, PA-C, NRP, is currently an EMS and PEM Physician Assistant at Washington University in St Louis. He has an extensive EMS background, initially working on the fireground as a firefighter/EMT, then as a paramedic on one of St Louis City’s busiest ambulances, Medic 13, he has also worked as an emergency room paramedic for St Louis Children’s Hospital, and in the air as a flight paramedic for Air Evac Lifeteam. He currently holds certifications as a Physician Assistant, Nationally Registered Paramedic, Firefighter I & II, Fire and EMS Instructor, Clinical Simulation Instructor, TEMS and Hazmat Operations. David is an active member of the National Association of EMS Physicians working on multiple committees to continuously advance the field of EMS, and as the inaugural chair of the NAEMSP PA/NP Task Force. He completed an additional 12 months of training as an EMS PA at the Washington University EMS Fellowship Program. His passions include EMS education, clinical simulation and furthering the EMS profession.

Darick Day, BS, EMT-P, CCP-C, FP-C, currently serves as the Director of Clinical Services and Deputy Chief of EMS for Washington County Ambulance District. Darick holds a Bachelor’s of Science in EMS Administration. Darick is a licensed Paramedic in the state of Missouri, Board-Certified Critical Care Paramedic and Board-Certified Flight Paramedic. Darick serves as the lead instructor for the Fundamentals of Critical Care and the primary paramedic instructor for the Mineral Area College EMS program. Darick provides regional lectures on various critical care topics and outreach education to other regional, healthcare entities. Darick’s mission is to elevate prehospital and transport medicine to its highest potential and inspire others to help push our industry into the future.

Nick Salzman has worked in EMS in Missouri since 2005 with experience in urban, suburban, and rural care. His experience includes transport, air transport, and 911 services. For the last 3 years he has worked for the STARS Program at Cardinal Glennon Children’s Hospital.

Shannon Watson began her EMS Career in Jacksonville, NC, where she earned her Paramedic license and Associate’s degree in Emergency Medical Science. She since completed her Bachelor’s in Business Administration and Master’s in Healthcare. Shannon joined Christian Hospital EMS fourteen years ago, diligently working her way to the Assistant Chief position for the EMS Department. Watson is an instructor for a variety of certifications and teaches nationally at EMS conferences. She is a member of the East Central Region EMS Committee for St. Louis, and in 2012 became a contributing author of the Pediatric Education for Prehospital Providers (PEPP) textbook and author of the chapter on resuscitation. Watson was the NAEMT Emergency Pediatric Care (EPC) Regional Coordinator for two years prior to joining the EPC committee. She is now the Chair of EPC.

Shannon realized her love for education while at Christian Hospital EMS, where she was a field training officer and member of the education committee. Then, she became Clinical Supervisor and assisted in the development of the Christian Hospital EMS Academy, which offers more than 30 EMS courses annually to employees and outside EMS participants. She advanced to Community Health Access Program (CHAP) for three years prior to moving into the Assistant Chief role for Christian Hospital EMS. She is married to a firefighter/paramedic and has three children.
Shayne Keddy, DO is an emergency department and EMS physician. He is currently on staff at Mercy Jefferson Hospital. Additionally, he serves as the medical director for several EMS agencies in the St. Louis region. Dr. Keddy is an active member of the Mineral Area College EMS program and Fundamentals of Critical Care Transport program. Dr. Keddy started his career as an EMT in New York before becoming a physician. He has dedicated his life to emergency medicine and has a great passion for EMS. Here he plays an active role in regional EMS programs while helping to provide high-quality education. Working as RN since 1996, primarily in Emergency Departments in the Kansas City Region. Prior to Neuroscience Outreach I was the Stroke/STEMI Coordinator at Saint Luke’s North and still spent one shift per week working as a Critical Response RN. As CRN duties were direct patient care of all STEMI, Stroke, Code Blue and Rapid Response patients in the hospital.

Dr. Erica Carney is a graduate of the UMKC School of Medicine’s BA/MD program and completed her Emergency Medicine Residency as a Chief Resident at Truman Medical Center / UMKC SOM. She then completed an EMS Fellowship at Washington University School of Medicine in St. Louis, MO, and subsequently returned to Kansas City, MO as a double board-certified EM and EMS Physician. Dr. Carney currently practices as a staff physician in the Emergency Department at Truman Medical Center - Hospital Hill / UMKC SOM. She also serves as the EMS Medical Director for the City of Kansas City, Missouri (KCFD), the Missouri Region A EMS Medical Director, the Missouri State EMS Medical Director, Central Jackson County Fire Protection District’s Medical Director, the UMKC EMS Education System Medical Director, and is the Medical Director for the Kansas City Zoo.

Katie Eisenbeis began her EMS career in 2011 at Christian Hospital EMS as an Emergency Medical Technician. She obtained her Paramedic license and has diligently worked her way to the Clinical Supervisor role for the EMS department. Over her tenure in EMS, Katie assisted in the growth and development of the Field Training Officer program, she established the first emotional support dog at Christian Hospital EMS, and assisted with the development and implementation of the of the mobile integrated health program for Christian Hospital. Katie has a Bachelor’s in Healthcare Management and is actively pursuing her Master’s in Healthcare Administration. Katie enjoys spending her free time with friends and family doing various outdoor activities.

Angie Giegerich, MSN, FNP-C, TCRN is the Trauma Director at Research Medical Center, an ACS Level 1 Verified Trauma Center, in Kansas City, Missouri. She has been an RN since 2005 and is a board-certified Family Nurse Practitioner. Angie has over 10 years of experience leading trauma programs in the Kansas City area and is committed to improving trauma care both within the hospital and in the pre-hospital setting. She currently serves as president of the Greater Kansas City Emergency Nurses Association, member of the Midwest Trauma Society and Society of Trauma Nurses, and is a board member of various diabetes charities. Angie has been invited to speak at both local and national conferences and uses real-world examples mixed with a little humor to connect with learners. In addition to speaking on trauma topics, she also provides education and a personal perspective on living with Type 1 Diabetes and serves as a local educator for T1D caregivers. Angie is a mom of 2 boys and wife of an EMS educator.

Dr. James Cahalin is a Pediatric Emergency Medicine Physician at SSM Health Cardinal Glennon Children’s Hospital. He is board certified by the American Board of Pediatrics. Dr. Cahalin received his medical degree from the University of Missouri-Kansas City. He then completed his residency at Children’s Mercy. He is currently on staff at Children’s Mercy Hospital- Kansas City with a specialty in Pediatrics.

Ronda Bradley, MS, RRT is the Adjunct instructor at the University of Missouri: Curriculum Development of Masters Level Course: Masters of Health Management: Product and Customer Support in Healthcare. She is Former president of the Missouri Society for Respiratory Care (MoSRC), Co-Chair Legislative Affairs Committee: MoSRC: 2004-present, Advisory Board Member: Healthcare Technology Foundation, Disaster Preparedness: Ventilator Cache Working Group: Missouri, and current Missouri Society for Respiratory Care: Delegate to the AARC.

Ronda lives in St. Louis with her husband Joe and their 15 year old daughter, Sydney. Ronda enjoys Crossfit and watching her daughter compete in sports.
Stephen Dunkin is a program specialist with Missouri EMS for Children. Stephen followed in his father's footsteps, starting in Public Safety in 2001 and has been a volunteer firefighter, recruit academy coordinator, wildland firefighter and station commander. In 2014, he transitioned to MU Health Care Emergency Services where he has acted as a paramedic, field training officer, and team leader of a tactical medicine program. MO EMSC is focused on providing education and resources prehospital and hospital, to reduce pediatric injury and mortality.

Kat Probst is the Assistant Chief Executive Officer for Adair County Ambulance District. Kat’s additional responsibilities entail oversight of Operations, Patient Billing, Information Technologies, Compliance and Exposure Control for the District. Kat’s EMS career began with dispatching at the Adair County E911 center in 2005. Kat chose to advance her career and became a licensed EMT in 2006 and obtained her Paramedic license in 2008 and became a member of the Executive Leadership Team for the District in 2010.

Kat’s passion for the EMS field is reflected in her services across the state of Mo representing the EMS industry in many capacities such as the President of the Missouri Ambulance Association, Vice Chair of Central Region EMS, and numerous task forces locally and statewide to enhance EMS services across the state. Some of these task forces and committees include advocating at the legislative level, CIT (Crisis Intervention Team) in EMS statewide, Non-Urban & Northeast Healthcare Coalition, Board member of NEMO Heart Health, EMS Mutual Aid & Disaster Coordination, and Time Critical Diagnosis committees at a local and state level.

Nicholas Smith has been working in Fire/EMS service for the last 17 years with experience in urban, suburban, and rural settings. He is currently serving as a Fire Captain at the Monarch Fire Protection District in Chesterfield, MO where he has been instructing numerous Fire and EMS disciplines for well over a decade. After 7 years teaching EMT and Paramedic courses, along with serving as a Clinical Coordinator, Nick decided to start originating his own classes on foundational education, classroom leadership, and the art of interviewing. Nick has a passion for bridging the gap for others to give back to the EMS community that has given him so much.

Kayla Riel serves as the State Coordinator for the Missouri Cardiac Arrest Registry to Enhance Survival (CARES). Kayla has worked as an EMT-B since 2018 and obtained a Master of Public Health degree from the University of Missouri in August of 2021. Her public health specialty is based in epidemiology and health promotion and policy. She also holds a Certified Health Education Specialist certificate, designating her ability to provide programming and education in the realm of public health. Kayla has a special interest in integrating the principles of EMS and public health to collaborate and offer improvements for patient care and health outcomes. Kayla also serves as a board member on the Missouri Public Health Association. She is looking forward to introducing the CARES program at the MO EMS Conference.

Julie Stilley is an Assistant Research Professor and Director of Emergency Medicine research at the University of Missouri. She gained her EMT in 2016 during her scientific postdoctoral training where she had the most fun in class she’d ever had. Julie’s research interests include improving prehospital care and studying care in the emergency setting in Missouri. She serves in a variety of roles in EMS related to research and data quality, particularly in the EMS-C and CARES programs.

Bailey Bindle is from Falls City, Nebraska, and is a 2020 graduate from Peru State College, where she majored in Criminal Justice Counseling and Psychology. Currently, Bailey works as a Communications Manager for the national nonprofit organization, Students Against Destructive Decisions (SADD), where she serves as the voice of SADD’s social media outreach, manages SADD’s brand image, and designs marketing content on behalf of the organization. When Bailey isn’t in the office or traveling on behalf of the organization, you can find her out in the world on her latest and greatest adventure, or at home with her bulldog.
0800–0915  GENERAL SESSION
THE BIZARRE & SPECTACULAR—UNIQUE CASES IN EMERGENCY CARE
Terry Foster 1.5 Hours Operations
This lecture will focus on some of the most unique cases that have been seen in the Emergency Department. The speaker—a 30+ years experience ED nurse—will describe unusual types of patient history, mechanism of injury, clinical presentation, and other “contributing factors” that make an interesting case. This talk is very educational as well as entertaining and audience participation is strongly encouraged.

0930–1045  BREAKOUTS
NOT FOR HUMAN CONSUMPTION
Angie Giegerich 1.5 hours Medical - Toxicological/Opiods
Review various street drugs encountered in our community including clinical presentation and appropriate interventions available to pre-hospital and hospital personnel.

USING YOUR LECTURE TO LEAD
Nicholas Smith 1.5 hours Instructor
Using Your Lecture to Lead is a course in how to transform your lecture curriculum or meeting agenda into an experience that produces authentic behavioral change from your students or administrators in the field. The time in the classroom or in meetings that instructors have with their students is extremely valuable. When we fall into the routine of “just getting through the material” to satisfy our short-term objectives, we miss the big picture opportunity to improve the team and further the ultimate mission of positively impacting patient care. Many of our traditional classroom experiences have been focused on simply covering objectives in order to “pass the test” and our meeting agendas fall into “maintaining the status quo.” This approach often falls short when it comes to producing sustainable, long-term results, and that lands squarely on the shoulders of the instructor. Using Your Lecture to Lead is an interactive course that is aimed at demonstrating to instructors the importance of creating relationships up and down the chain of command, how to appropriately manage a classroom or meeting to exponentially improve the curriculum or agenda itself, and to show attendees how to play the long-game.

Objectives:
1. Discuss strategies and tactics to utilize in any classroom setting or meeting that you can employ immediately in order to produce a direct impact on your organization.
2. Provide a methodology to create relationships up and down the chain of command in your organization and lead from your current position.
3. Learn how to improve your ability to see the big-picture, protect your well-being, and respond appropriately to what may seem like failure in your classroom or meeting experience.
4. Prioritize and execute your class or meeting agenda with the “Power of Less” by utilizing your skill in the area of Triage and Transport.
5. Develop strategies to engage team members who are already performing well, in need of improvement, or are purposefully working in opposition to your goals.
6. Learn about the dynamics of how behavioral change works on the individual level through the example of “The Elephant, the Rider, and the Path” to better lead your team in any group setting.

10.00-11.15  BREAKOUTS
BLS IN AN ALS WORLD
Josh Stilley 1.5 hours Medical
Are ALS interventions always the right thing for the patient? What interventions are now available at the BLS level? How can I and my service maximize benefit for the patient, and still keep a focus on the fundamentals of EMS?

MANAGING A MILLENNIAL WORKFORCE
Bailey bindle 1.5 hours Operations
In this session, you’ll learn how to recognize both the challenges and strengths of Gen Y, otherwise known as Millennials. When managing this generation, there are certain concepts to take into consideration, especially if you don’t identify with this age demographic.

Objectives:
1. Millennial Mindset
2. The Progression of Millennials in the workforce
3. The Age Gap Effect
4. Managers’ Expectations v Reality
5. Discipline
6. Millennials’ Expectations v Reality
7. Advice
8. Overlooked Traits
9. Identifying your Millennial
10. Working with your Millenial
1100-1215 BREAKOUTS
I HAVE HAD EVERY DISEASE KNOWN TO MAN—DEALING WITH MUNCHAUSEN’S
Terry Foster 1.5 hours Medical-Psychiatric
Patients with Munchausen’s Disease are seen at every level of the health care system. This lecture will discuss the three types of Munchausen’s and how to identify these patients. Specific information will be given for dealing with them in emergency situations.

INVASCIVE MECHANICAL VENTILATION
Justin Duncan 1.5 hours Airway/Ventilation
Bedside to bedside mechanical ventilation is important in the CCT world and considered a standard of care. Invasive Mechanical Ventilation is becoming widely popular for the 911/emergent world. More and more EMS clinicians are managing intubated patients. We will discuss ventilator use for the intubated patient in the 911/emergent world as well as the critical care transport environment.

Objectives:
1. Discuss basic care / assessment / monitoring of every intubated patient
2. Discuss breath types and modes of mechanical ventilation
3. Discuss ventilator use for the intubated patient in the world of EMS / CCT
4. Discuss “terminology” with regards to invasive mechanical ventilation and tie it to individual functions
5. Discuss ABG’s and intubated patients (brief discussion due to time; focus on acidic patients and manipulation of the buffer system)
6. Discuss COVID concerns and patient/provider safety with regards to intubated patients and invasive mechanical ventilation

1330-1445 BREAKOUTS
ALL BLEEDING STOPS EVENTUALLY
Angie Giegerich 1.5 hours TRAUMA
Review of Blood Administration and Massive Transfusion in Trauma Knowledge of hemorrhage control and resuscitation strategies is vital when caring for trauma patients. This presentation reviews components of blood resuscitation, use of whole blood in trauma, and massive transfusion considerations.

1515-1630 CLOSING GENERAL SESSION
IT’S ALL ABOUT THE MINDSET
Josh Stilley 1.5 hours Trauma/Operations
The Chuck’n’Go versus Stabilize in Place. The approach to the critically ill or injured patient is not a one-size fits all spectrum. The time limits and standards that we have worked within for the last few decades are sometimes too long, and sometimes too short. In order to understand when is the right time to transport, we must understand what the priorities for our patients really are. We must also break some of the habits we have formed in order to reduce the harm we can cause by sticking with current standards.
0800–0900
**BEMS UPDATE**
*Taz Meyer* 1 hour Elective

Join the new Chief of the Bureau of EMS as he presents information on the current state of EMS in Missouri and his vision for the future.

0915–1030
**GENERAL SESSION**

**EMS AND NURSING, TENSION VS. TEAMWORK**
*JASON DUSH* 1.5 hours Operations

The world of EMS and Nursing has a wide range of similarities and differences in both the pre-hospital and hospital setting. Think about those days when you say, “What were they thinking” “How come you couldn’t…” “Don’t take the patient to that hospital, they are so rude” “That ambulance crew is so dumb.” With that said what we can do to make those working relationships better and improve patient outcomes.

1100–1215 BREAKOUTS

**TO CATCH A KILLER – USING THE ECG TO IDENTIFY POTENTIALLY LETHAL PATHOLOGIES**
*Darick Day* 1.5 hours Clinical

The ECG is one of the primary diagnostics for prehospital providers. Unlike most diagnostic tools, the accuracy of the ECG is mostly determined by the provider’s skill level. In this lecture, we will delve deeper into multi-lead interpretation to maximize our diagnostic capabilities. This course is designed to improve the provider’s comfort level with incorporating the ECG in their differential diagnosis of some of the more lethal presentations we encounter. When is it a STEMI vs a mimicker? How can I identify the subtle MI? Which ECG findings might indicate an acute pulmonary embolism? Rapidly identifying these presentations can save a human life!

**Objectives:**
1. Reviewing what is “normal” for a standard adult ECG.
2. Learn how to identify subtle MI presentations on ECG.
3. Differentiate STEMI presentations from STEMI mimickers like Pericarditis, BER, and others.
4. Identify acute MI in the presence of abnormal morphologies – LBBB, Paced Rhythms, PVC’s.
5. Recognizing RV Strain patterns and correlating with acute pulmonary embolism.
6. Incorporating the ECG to reinforce the provider’s physical examination.

NEW LICENSED MANAGEMENT SYSTEM
QICE–BEMS

**George Miller** 1.5 hours Operations

**QICE: Quality Improvement Continuing Education**

This presentation will introduce the QICE program and how the program will interface Quality Improvement and Continuing Education as a part of your service’s competency based medical education. Employees may be awarded continuing education hours after competency is evaluated through your services Quality Assurance/Improvement process.

**New Continuing Educational Modules/Components and Hours.** The SAC Education Subcommittee and Bureau of EMS have created a new continuing education requirement for relicensing. This presentation will provide information on how the new core hours and individual components will become easier and better than the modules that were used before.

**New Licensing Management System (LMS): Inputting your CE Hours.** This presentation will explain the new Licensing Management System and how you will update personal information and how to input your continuing education hours, topics, dates, and training entity information into the License Management System.

**SURVIVING & THRIVING IN THE CRAY WORLD OF EMERGENCY NURSING**

**Terry Foster** 1.5 hours Elective

Do you sometimes just need to hear about the good things nurses do? Listen to this practical, realistic, and positive talk about the supportive and caring work of nursing. We'll talk about what makes nurses tick—as well as what can tick us off! We'll also laugh at some of the crazy and funny things that only nurses know. Sit back, relax, listen, laugh, and restore your pride as a professional nurse!

**SEIZE THE MOMENT: TREATING PEDIATRIC EPILEPSY PATIENTS**

**Nick Salzman** 1.5 hours Cardiovascular

National prehospital guidelines for seizure care have become increasingly standardized, however clinically we continue to see variability in field treatment. We will review the pathophysiology of seizures (including atypical presentations), focus on common epilepsies, analyze new trends in home care regimens, and review case studies to highlight challenges of medical decision-making.

This presentation will be comprised of PowerPoint slides filled with didactic information, videos, and case studies.

**Objectives:**
1. Detail the pathophysiology of a seizure, and know the definition of status epilepticus
2. Understand appropriate emergency treatment for a pediatric patient in status epilepticus, including second-line anti-epileptic drugs and transport decision-making
3. Elaborate on epilepsy diagnoses, atypical seizure presentations, and home treatment regimens that may impact patient care
4. Evaluate case studies that highlight appropriate care, challenges to care, and medical decision making
All-terrain vehicles are popular off road vehicles used for a wide variety of work and recreational activities. Recently, the growing popularity of ATVs and the increasing size and power of the vehicles has led to concern over injury risk. The Consumer Product Safety Commission estimates that ATVs result in more than 100,000 emergency department visits annually, including more than 30,000 injuries for children 16 years of age and younger. During the past decade, more than 200 children died annually due to injuries sustained on ATVs. Children make up a disproportionate number of ATV injuries. This lecture will focus on the most commonly seen injuries as well as management.

### MANAGING THE 1500LB PATIENT

**Brian Hokamp 1.5 hours Operations**

Between 2017 and 2019 Christian Hospital EMS (CHEMS) provided care to an approx. 1,625 lbs. patient. During this time, we provided in home treatment in collaboration with our Wash U. Medical direction, State Resources, Hospital Administration, Hospice, Behavior Health and our Mobile integrated Health team. In addition to the in-home treatment CHEMS provided complex transportation of the patient multiple times to and from the hospital. Finally, CHEMS provided post-mortem care and transportation to the cemetery. We will provide visual aids through approved video footage and documented photographs.

### DIDN’T THEY TEACH YOU ANYTHING IN NURSING SCHOOL??? IDENTIFYING AND ADDRESSING BULLYING AND INCIVILITY IN NURSING

**Charlene Draleau 1.5 hours Operations**

This talk will cover the effects of bullying and incivility on the nurse and the effect on patient safety.

We will discuss what factors allow bullying and incivility to permeate a culture of healing and helping, the behaviors associated with it as well as the effect that it has on nursing retention. We will discuss some methods to address the problem as well as what role mentoring may play in preventing bullying that may increase retention.

Will include the illnesses that may develop or be exacerbated by bullying as well as associated mental health illnesses and the role of cognitive rehearsal in addressing incivility.

Do nurses eat their young or are the young eating the old.

The role of leadership in supporting a zero tolerance for these behaviors

If I can get the audience to play along we will do a little role play. (Always enlightening to the audience)

### TOO MUCH OF A GOOD THING: PEDIATRIC VENTILATION IN THE PRE-HOSPITAL AND INTRA HOSPITAL TRANSPORT SPACE

**Ronda Bradley 1.5 hours MEDICAL - AIRWAY, RESPIRATORY, VENTILATION**

**Objectives:**
1. Review common modes of ventilation
2. Discuss the most commonly used modes/Breath types in Pediatric ventilation (Invasive)
3. Discuss the literature and why specific modes MAY be better than others when ventilating Peds
4. Discuss oxygenation of the Pediatric patient
5. Provide Monitoring options used during pediatric ventilation
6. Provide a top level look at NPPV and the PEDs patient
7. Scenario discussion
CONFERENCE : THURSDAY, JULY 28

0800-0915
EMS AND EMERGENCY MEDICINE LEGAL AND REGULATORY ISSUES

Dr. Erica Carney 1 hour Operations

Objectives:
1. Define the (provider) “Relationship”
2. Discuss Capacity vs. Competence
3. Consent and Refusal of Care
4. Malpractice and Negligence
5. Red Flags: High Risk Situations
6. Advance Directives
7. Real Life Examples!

0930-1045 BREAKOUTS

PRE-HOSPITAL AND HOSPITAL INTEGRATION OF MISSOURI CRISIS INTERVENTION TEAMS (CIT), ALTERNATE TRANSPORTATION OPTIONS AND PROTECTIVE CUSTODY

Dr. Erica Carney & Katherine Probst 1.5 hours Medical/Psychiatric

This session discusses integration of EMS into Missouri Crisis Intervention Teams (CIT) as well as the legalities of becoming a MoCIT paramedic. It will provide an overview of the training required per Missouri state statute and the state approved protocols available for adoption within agencies. We will also discuss treatment options for behavioral health emergencies and integration of these patients into the hospital setting or alternate destinations.

LOSE ONE OF OUR OWN

George Wright 1.5 hours Operations

This minute program provides basic information on assisting organization in preparing their organization if they have a member pass away, whether it is a Line of Duty, Non-Line of Duty, or they wish to honor a retiree. It will provide information so organizations can develop a policy / guideline and have it in place. This program shares information about emotions, as well as what is a line of duty death, basic pre-plan, levels of honors, and very basic information about the Federal Public Safety Officers Benefits as well as the Missouri Providers Benefits.

Objectives:
1. What is a line of duty vs on duty
2. Preparing and Preplanning
3. Public Safety Officers Benefits

AFTER ROSC: ACTIVE MANAGEMENT FOR IMPROVING CARDIAC ARREST OUTCOMES CONT’D

Kene Chukwuanu 1.5 hours Airway/Ventilation

Emergency Medical Services (EMS) respond to approximately 350,000 adult patients with out-of-hospital cardiac arrest (OHCA) each year in the United States. Additionally, almost 300,000 patients each year will undergo in-hospital cardiac arrest (IHCA). Intra-arrest and post-arrest care, both in the field and in the hospital, requires an evidence-based multidisciplinary approach to improve neurologically intact survival. In this session, we will review the recently updated “2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care.” The focus of this session will be to identify what we can do as a multidisciplinary team to improve post-arrest management and examine potential advanced therapies for cardiac arrest and refractory ventricular dysrhythmias.

1115-1230 BREAKOUTS

MANAGING THE LETHAL TRIAD IN AIRWAY MANAGEMENT

Darick Day 1.5 hours Cardiovascular

Death and disability that occur during an airway management case are often avoidable. Understanding the physiology, pharmacology and physics of airway management can go a long way to avoid these dangerous pitfalls. We will discuss how to identify and mitigate the lethal triad of shock, hypoxia and acidosis.

Objectives:
1. Discuss airway and pulmonary anatomy
2. Discuss respiratory physiology
3. Review pharmacologic assisted intubation – RSI/DSI/SAI
4. Identify risk factors that predispose airway cases to failure
5. Mitigation techniques to improve airway management success
6. Discuss pharmacology of common airway management medications

AFTER ROSC: ACTIVE MANAGEMENT FOR IMPROVING CARDIAC ARREST OUTCOMES

Kene Chukwuanu 1.5 hours Airway/Ventilation

Objectives:
1. Review the recent AHA updates for the management of cardiac arrest. Discuss respiratory physiology.
2. Review the recent AHA updates for post-cardiac arrest management. Identify risk factors that predispose airway cases to failure.
3. Discuss recent evidence for non-traditional advanced therapies for cardiac arrest including dual sequential defibrillation and beta blockade.
4. Review the emerging use of extracorporeal membrane oxygenation (ECMO) for in cardiac arrest.
5. Identify the optimal patient population for potential use of ECMO in cardiac arrest.
THE TRIALS AND TRIUMPHS OF ESTABLISHING AN EMOTIONAL SUPPORT DOG FOR YOUR DEPARTMENT

Katie Eisenbeis 1.5 hours Airway/Ventilation

We as a career field are working hard to change the stigma around mental health. Depending on when you started your career in EMS probably depends on how openly you discuss the bad calls or things that we see in the field. Trying to change the stigma around mental health awareness, we have an added emotional support dog to our team. This has been a huge success for our crews after the traumatic calls that we seem to run frequently. In this course we will discuss how to go about getting an emotional support dog for your agency and resources available to obtain the training and certification. We will also discuss the impact it has had on our department.

Objectives:
1. Recognize the need for awareness regarding the mental health of our responders
2. Identify how we can create a positive impact on our first responder’s mental health
3. Identify resources and programs in place to support our first responders in the area
4. Discuss how an emotional support dog would be beneficial for your EMS agency

JUST INTOXICATED? MAYBE NOT...

Rachael Smith 1.5 hours Medical

Slurred speech, altered mental status, unsteady gait, nausea/vomiting, disinhibition, and a familiar scent on your patient’s breath may make us jump to inappropriate conclusions. Sometimes ETOH intoxication is part of the story, but are we getting the whole picture? We will discuss differential diagnoses including metabolic or neurologic origins for when ETOH intoxication isn’t the answer.

NONINVASIVE MECHANICAL VENTILATION

Justin Duncan 1.5 hours Airway/Ventilation

The world of non-invasive mechanical ventilation in both 911 and transfer settings are becoming more and more popular. Some of us remember the day that CPAP hit the trucks and we thought it was the greatest thing since sliced bread! Now there are multiple different options for non-invasive forms of mechanical ventilation. We will discuss the basics of NPPV in the emergent/911 setting as well as the critical care transport environment.

Objectives:
1. Discuss basic care / assessment / monitoring with NPPV
2. Discuss the different forms of NPPV (non-invasive positive pressure ventilation)
3. Discuss uses for NPPV in the world of EMS / CCT
4. Discuss “terminology” with regards to NPPV and tie it to individual functions
5. Discuss ABG’s and NPPV (brief discussion due to time; focus on acidic patients and manipulation of the buffer system)
6. Discuss COVID concerns and patient/provider safety with regards to NPPV

1330–1445 BREAKOUTS

EMSC/CARES

Speaker Stephen Dunkin Kayla Riel & Julie Stilley

1.5 hours Trauma

MO EMS for Children will be sharing data from recent annual surveys about statewide prehospital pediatric care. There will also be a program overview showing the benefits of our free monthly trainings, Prehospital Recognition Program, regional training libraries and online Canvas CEU opportunities.

Missouri CARES Program is sharing data from the CARES registry and offering insights into trends within data and provide support for agencies interested in joining the CARES registry.

FORECASTING—NOT JUST FOR THE WEATHER

Jason Dush 1.5 hours Elective

While not an exact science, business forecasting can be challenging and stressful. There is a variety of factors that come into play when planning for the future of your organization. The world of public safety has recurring challenges with staffing issues, decreasing budgets, equipment replacement, community needs, local and national regulations, data collections and much more. Jason will present some ideas, concepts, and challenges for group discussion. This session is designed to share information as a group to help each other work through similar challenges within your organizations and develop new ideas together.

NO, NO, NO, DON’T EAT THAT: PEDIATRIC ACCIDENTAL EXPOSURES

Charlene Drealeu 1.5 hours Medical

Children and adolescents have behaviors that place them at risk of injury. The availability of drugs and the legalization of marijuana is creating unsafe environments for children. Fentanyl exposure fatality rates of up to 48% in children with average ages of 2-4 have been cited in the literature. The availability of E-Cigarettes and vaping are leading to creative experimentation resulting in emergency department visits and death in some cases. It is important for emergency department nurses to have the knowledge to identify and care for patients who present with varying symptoms and vague histories that place them at risk for further injury.

Accidental exposures have become common place in pediatrics as drugs become more readily available for medicinal purposes and exotic animals become domestic pets. This interactive presentation will use case studies to discuss the inherent dangers that pediatric patients encounter daily.

Case studies will be presented and include the following:

List the differential diagnoses associated with pediatric accidental exposures to readily available substances

- Meningitis
- Altered Mental
- Epilepsy/seizure
- Status
- disorder
- SMA
- Aspiration
- Enterovirus
- Sudden
- Sepsis
- Unexpected Infant
- Death (SUID)

Discuss the substances associated with pediatric accidental exposures

- THC
- Marijuana
- Fentanyl
- Opioids
- Pet Terrapins
- E-Cigarettes
Tired of dealing with people who BMW (bitch, moan and whine) and bully all the time? They suck our energy from us and pluck our last nerve. Labeled as “it is just their personality” they keep getting away with their behavior. In a time when team work, good communication, and solid interpersonal relationships are critical for creating a stress free environment that meets the public’s needs, we can no longer afford to allow this behavior to continue. This session will look at how to deal with them and what to do when they accept no responsibility for their behavior and its impact on others. This session is helpful for anyone who is tired of working with “them” and would love some new insight.

**DIAGNOSIS AND MANAGEMENT OF THE SEPTIC PATIENT**

*Shayne Keddy 1.5 hours Medical*

The sepsis patient has provided many obstacles to the healthcare provider. More and more evidence points towards the time critical nature of sepsis. This increases the pressure on the prehospital and emergency department provider to quickly identify the septic patient and implement goal-oriented resuscitation strategies. In this course, we will discuss the most up-to-date, evidence-based strategies for identifying and managing the various presentations of sepsis.

**Objectives:**
1. Understand the pathology of sepsis
2. Understand the risk factors associated with sepsis
3. Utilize screening criteria for quickly identifying the septic patient
4. Risk stratify those patients likely to develop septic shock
5. Interpret lab values associated with sepsis diagnosis
6. Implement an organized resuscitation strategy
7. Understand the use of fluids and vasoactive agents in sepsis
8. Demonstrate understanding of the common antimicrobial agents

**1500-1615 CLOSING GENERAL SESSION**

**CREATING A CULTURE OF CIVILITY: CHALLENGES, CHAOS AND RECOMMENDATIONS**

*Jason Dush 1.5 hours Operations*

Tired of dealing with people who BMW (bitch, moan and whine) and bully all the time? They suck our energy from us and pluck our last nerve. Labeled as “it is just their personality” they keep getting away with their behavior. In a time when team work, good communication, and solid interpersonal relationships are critical for creating a stress free environment that meets the public’s needs, we can no longer afford to allow this behavior to continue. This session will look at how to deal with them and what to do when they accept no responsibility for their behavior and its impact on others. This session is helpful for anyone who is tired of working with “them” and would love some new insight.