

# UP-EMS

38<sup>th</sup> Annual

EMS Educational Conference

September 26-29, 2019

The Northern Center



NON-PROFIT ORG.  
U.S. POSTAGE  
**PAID**  
Marquette, MI  
PERMIT #157  
49855

# GENERAL INFORMATION

It has always been the mission of the Upper Peninsula Emergency Medical Services Corporation (UPEMS) to provide a high-quality educational conference to EMS providers of Michigan, respecting the diversity of the settings in which they work and drawing from all walks of service to develop curricula well-balanced and relevant to practice. Due to recent changes, UP Health System – Marquette’s School of Emergency Medical Technology and the UP-EMS team have been able to pool their resources to partner and continue the coordination of the 38th annual conference. The 2019 UP-EMS and UPHS Conference will provide three and one-half days of clinical, operational, technical, and instructional information on many EMS-related topics.

Sessions are available for all levels of licensure. In addition to excellent educational programs, the conference allows supply, equipment, and educational exhibits, vehicle displays, specialty workshops, and opportunities for professional and social networking.

Seven different educational topics are scheduled concurrently each day. Many sessions are offered twice whenever possible to give participants added flexibility in making selections. Lunch is provided on Thursday, Friday, and Saturday and is included in the conference registration fees. Displays and exhibits may be viewed in the designated areas on Friday and Saturday.

UP-EMS and UP Health System disclaim any liability for improper use, misapplication, or misunderstanding of the emergency medical care information provided during conference courses and/or activities. Participants are responsible for confirming all information and procedures with local agencies and Medical Control Authority prior to deployment. Approved MCA protocols dictate care in local service areas.

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## ADDITIONAL INFORMATION:

UP Health System School of EMT  
(906) 449-1565  
[Katrina.Rushford@mghs.org](mailto:Katrina.Rushford@mghs.org)  
[www.mgh.org](http://www.mgh.org)

## CONFERENCE LOCATION:

Northern Michigan University, Marquette  
The Northern Center  
Kaye Avenue/NMU Campus  
Marquette MI 49855

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# REGISTRATION & CONFERENCE FEES

Registration may be submitted by email, fax, or via traditional paper US mail. Pre-registration with payment is required by September 20, 2019. No refunds can be issued after September 20, 2019.

You will notice on arrival that Northern Michigan University has completely renovated the Don H. Bottum University Center. The “Northern Center” is now a beautiful, modern and technology-efficient conference venue that will serve our EMS Conference needs well into the future. With this new facility, however, comes increased costs for conference rooms, AV, and meals. We do apologize for the slight increase in conference rates to offset these changes however are still happy to offer the programs at a very low per-credit cost to all attendees. You can choose an a la carte day-by-day selection or attend the entire conference for a reduced rate.



## ACKNOWLEDGEMENTS and APPRECIATION

The 2019 conference is being sponsored by the UP Health System – Marquette School of Emergency Medical Technology.

### Conference Coordinating Team:

Tom Flynn, BS, Paramedic I/C  
Curtis LeSage, BS, Paramedic  
Robert C. Struck, BS, MPH  
Dr. Amadeo Sturla

Thomas LaTourneau, Firefighter-Paramedic I/C  
Dr. Katrina Rushford, Paramedic I/C  
Alyson Sundberg, MBA, Paramedic I/C

### Key Conference Sponsors:

Platinum Educational Group  
The SOAR Project

Michigan Center for Rural Health  
UP Health System – Marquette

Thank you to the UPEMS Corporation Board Members for their many years of pioneering and advocating for EMS in both the Upper Peninsula and in rural areas throughout Michigan.

### UPEMS Board of Directors

Gerald Primeau  
Gary Wadaga  
Al Hendra  
Roger Irie

Nancy Weston-Hughes  
Dennis Whitehead  
James Loeper  
Phil Kolehmainen

Fran Whitman  
Dan French  
Jay Peck  
Mark Wilk

Robert Hughes, Jr.  
Laurie Haight  
Doug Baum

Thank you also goes out to the 100’s of individuals over the 37 previous years who have made the conference the special event that it is including all UPEMS staff members, volunteers, previous UPEMS Board Members, and the EMS providers who have attended and participated each year to better the care provided to patients throughout Michigan.

## Thursday, September 26, 2019

<b>DAY-LONG CLASSES</b>	<b>Death Investigations</b> <i>Jo Catania</i> 8:00 am to 5:30 pm	<b>MCA Medical Director Training</b> <i>Emily Bergquist</i> 9:00 am to 12:00 pm <b>Data Analysis and Report Writing</b> <i>Emily Bergquist</i> 1:00 pm to 3:00 pm	<b>Mental Health First Aid Beyond the Save</b> <i>Tracy L. Johnson</i> 9:00 am to 5:00 pm
<b>IC TRACK</b>	<b>Stop the Insanity-Let's Do Things Differently</b> <i>John Spencer</i> 8:00 am to 10:00 am	<b>Engaging Our Students: Get 'Em While You Can</b> <i>Brendan Keenan</i> 10:15 am to 12:15 pm	<b>Never Been Called to the Scene of a Definition</b> <i>Doug Smith</i> 1:15pm to 3:15 pm

## Friday, September 27, 2019

<b>8:00 am – 10:00 am</b>	<b>Welcome and Keynote - Care of the Entrapped Motor Vehicle Crash Patient</b> William Fales, MD - MDHHS EMS & Trauma Systems Medical Director		
<b>10:15 am – 12:15 pm</b>	<b>Drugs in Michigan</b> <i>Tim Scholander</i>	<b>12-Leads Part I</b> <i>Scott Schaffer</i> Must attend both sessions	<b>Airway Skills</b> <i>Dr. Amadeo Sturla</i>
<b>1:15 pm – 3:15 pm</b>	<b>Agency Leadership Community Integrated Paramedicine</b> <i>Kristy Kuhl</i>	<b>12-Leads Part II</b> <i>Scott Schaffer</i> Must attend both sessions	<b>Human Trafficking</b> <i>Terrie Godde</i>
<b>3:30 pm – 5:30 pm</b>	<b>MCRH EMS QI Survey Data; What Does EMS Quality Mean to You?</b> <i>Andrea Abbas</i>	<b>MCA Update</b> <i>Emily Bergquist</i>	<b>MCI and Disaster Response</b> <i>Dr Shawn Brown and Ann Clancy-Klemme</i>

## Saturday, September 28, 2019

<b>8:00 am – 10:00 am</b>	<b>Agency Leadership MDHHS Agency Inspections</b> <i>Lee-Ellen Bailey</i>	<b>Special Pathogen Response Team and Region 8 HCC</b> <i>Ed Lacosse and Ed Unger</i>	<b>Pain Management &amp; Hospice Patients</b> <i>Roxanne Filizetti</i>
<b>10:15 am – 12:15 pm</b>	<b>MCRH EMS QI Survey Data; What Does EMS Quality Mean to You?</b> <i>Andrea Abbas</i>	<b>Pediatric Mgt and Med Administration</b> <i>(Max 40)</i>	<b>Ketamine Hypotension / Shock Index</b> <i>Jeff Frees</i>
<b>1:15 pm – 3:15 pm</b>	<b>Stigma and Barriers to Treatment</b> <i>Dr. Kirk Klemme</i>	<b>Pediatric Mgt and Med Administration</b> <i>(Max 40)</i>	<b>Basic Life Support Obstetrics</b> <i>Erika Osier and Dr. Katy Brang</i> 20 students max
<b>3:30 pm – 5:30 pm</b>	<b>Capnography</b> <i>Tom Frascone</i>	<b>Drugs and Other Substances of Abuse</b> <i>Brian Helfert</i>	<b>SALT Triage and BCON Train the Trainer</b> <i>Lyn Nelson</i>

## Sunday, September 29, 2019

<b>8:30 am – 10:30 am</b>	<b>Drugs of Abuse</b> <i>Brian Helfert</i>	<b>Autism</b> <i>Barbara Potts</i>	<b>Special Pathogen Response Team and Region 8 HCC</b> <i>Edwin Lacosse and Ed Unger</i>
<b>10:50 am – 12:50 pm</b>	<b>Airway &amp; Ventilation-The Case for Three Hands</b> <i>Dr. Edward Bigsby</i>	<b>Rural Farming Emergencies</b> <i>Lindsey Slifka</i>	<b>Infection Prevention in the EMS Setting</b> <i>Amy Kilroy</i>

## Thursday, September 26, 2019

<p><b>Practical CE Day</b> Platinum Education Group 9:00 am to 5:30 pm</p>	<p><b>Basic Disaster Life Support</b> Michigan Regional Healthcare Coalition Team 9 am to 1 pm  50 students max  (Requires participants complete modules prior to attending)</p>		
<p><b>Putting It All Together</b> Tom Frascone 3:30 pm to 5:30 pm</p>			

## Friday, September 27, 2019

<p><b>Self-Defense</b> Cathy &amp; Jim Flores</p>	<p><b>Landing Zone Safety</b> Jake Smith and Valley Med Flight</p>	<p><b>Intro to Critical Care for All Levels</b> Brendan Keenan</p>	<p><b>Back to Basics- Bleeding &amp; Splinting</b> John Spencer</p>
<p><b>What's Killing Us? Stress and Resilience?</b> Ann Clancy-Klemme Josh Menard</p>	<p><b>Airway Skills</b> Dr. Amadeo Sturla</p>	<p><b>Geriatric Trauma and Abdomen &amp; Chest Injuries</b> Tammy Luoma an Jodi McCollum</p>	<p><b>Bias in Education</b> Emily Bergquist</p>
<p><b>Stethoscopy</b> David Slifka</p>	<p><b>Pediatric Respiratory Emergencies</b> Brendan Keenan</p>	<p><b>Meth Labs</b> Tim Scholander</p>	<p><b>Michigan EMS Educational Update</b> Terrie Godde</p>

## Saturday, September 28, 2019

<p><b>Toxicology</b> Scott Schaffer</p>	<p><b>Burns</b> Chuck Herbst and Jason Grainger</p>	<p><b>Pediatric Respiratory Emergencies</b> Brendan Keenan</p>	<p><b>Measurement &amp; Evaluation</b> Doug Smith</p>
<p><b>PeBLS</b> Chuck Herbst and Jason Grainger</p>	<p><b>Addiction &amp; Neonatal Abstinence</b> Dr. John Lehtinen &amp; Erika Osier</p>	<p><b>Self Defense</b> Cathy &amp; Jim Flores</p>	<p><b>ADA and You: What Are Reasonable Accommodations</b> Trevor Quinlan</p>
<p><b>The Myth &amp; Mystery of Suspension Trauma (Suspension Syndrome)</b> Dr. Edward Bigsby</p>	<p><b>Death Scene Investigations</b> Mark Wilk</p>	<p><b>Sugar, Sugar</b> Doug Smith</p>	<p><b>Crash Course in Test Item Creation &amp; Analysis</b> John Spencer</p>
<p><b>Disillusion of Patient Assessment</b> Scott Schaffer</p>	<p><b>Neurological Emergencies of the Brain</b> Jamie Hill NP &amp; Dr. Richard Frieden</p>	<p><b>Rural Farming Emergencies</b> Lindsey Slifka</p>	<p><b>Education Record Keeping and Standards</b> Lee-Ellen Bailey Tammy Forsbush</p>

## Sunday, September 29, 2019

<p><b>Pediatric Airway</b> Mark Wilk</p>	<p><b>Sepsis</b> Tom Frascone</p>	<p><b>Burns</b> Chuck Herbst and Jason Grainger</p>	<p><b>Measurement &amp; Evaluation</b> Doug Smith</p>
<p><b>Ketamine Hypotension/ Shock Index</b> Jeff Frees</p>	<p><b>SALT Triage and BCON Train the Trainer</b> Lyn Nelson</p>	<p><b>First Net</b> Brent Williams</p>	

# CONFERENCE FACULTY

**Andrea S. Abbas, MS, NRP, EMS IC** - EMS Programs Manager, Michigan Center for Rural Health

**Lee-Ellen Bailey, MBA, EMT-P, EMS IC** - Upper Peninsula Regional Coordinator for the Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Emily Bergquist, MSA, EMT-P, EMS-IC** - MCA Coordinator for the Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Edward F. Bigsby, MD** - Medical Director, Delta County Medical Control Authority; Honorary Staff (Retired from Active Staff January 2016) OSF – St Francis Hospital, Escanaba, Michigan; Clinical Assistant Professor, Department of Emergency Medicine, Michigan State University – College of Human Medicine

**Katie Brang, MD** - Assistant Professor, Assistant Director, Marquette Family Medicine Residency Program with Michigan State University

**Shawn E. Brown, MD** - Emergency Department Physician UPHS Marquette. She received her training from the University of Michigan Medical School

**Jo Catania, MD** - Chief Investigator- Medical Examiner's Office Allegan, Barry, Berrien, Calhoun, Grand Traverse, Kalamazoo, Leelanau, Mason, Muskegon, Osceola, St. Joseph, and Van Buren Counties. She received her training at the WMU Homer Stryker MD School of Medicine

**Ann Clancy-Klemme, RN- EMT-P, RN** - Critical Care Flight Nurse/Paramedic, Valley Med Flight; Charge nurse ICU/IMCU, Staff RN Intensive Care Unit, Medical Educator UPHS Marquette

**Don Edwards, DO** - Medical Director, Region Eight and District One Regional Medical Response Coalition/Michigan Emergency Preparedness Program. Dr. Edwards received his training at Michigan State University College of Osteopathic Medicine, Lansing, Michigan

**William D. Fales, MD** - EMS Medical Director, Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Roxanne Filizetti, RN, CNRN** - Clinical Director, Lake Superior Hospice of Marquette, Michigan

**Catherine Flores, RN** - Schoolcraft Memorial Hospital, Manistique, Michigan; 5th degree- Uechi Ryu Karate, Kobudo, 7th degree- Iaido

**Jim Flores, Former EMT, Former EMS IC** - 5th degree- Dashi, 5th degree- Uechi Ryu Karate, Kubudo, 7th degree- Iaido; Owner of Bushido Karate, Manistique, Michigan

**Tammy Forbush, EMT-P, EMS IC** - Northern Lower Coordinator for the Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Jeffrey Freese, EMT-P, CCP, EMS IC** - Education and Outreach Coordinator/Pediatric Emergency Care Coordinator, Aspirus MedEvac

**Richard Frieden, MD** - UPHS Marquette, Brain and Spine Center, Neurology. Dr. Frieden received his medical degree from the University Of Alabama School Of Medicine, Birmingham, Alabama

**Terrie Godde, BS, CCP, EMS IC** - Education Coordinator for the Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Jason Grainger, CCEMT-P, PNCCEMT-P, EMS IC** - Flight Paramedic/Educator, North Flight Aeromed, Traverse City; Educator, North Central Michigan College, Petoskey, Michigan

**Brian Helfert, EMT** - Sergeant, School Resource Officer/Juvenile Crime Investigator, Menominee County Sheriff's Department; 30-year Department Veteran

**Chuck Herbst, CCEMT-P, PNCCT, NRP, EMS IC** - Tri-Township EMS, Assistant Operations Director, Education Director; Paramedic, Alcona County EMS, Paramedic, Medical Examiner's Office Scene Investigator; Instructor, Kirkland Community College, Roscommon County, Michigan

**Jamie Hill, DNP, ACNP BC** - Nurse Practitioner with UPHS Marquette Brain and Spine Center, Neurosurgery

**Brendan Keenan, BA, FP-C, PNCCT, NRP, EMS IC** - Flight Paramedic/Educator, North Flight Aero Med, Traverse City; Educator, North Central Michigan College, Petoskey, Michigan

# CONFERENCE FACULTY

**Amy Kilroy, MPH, CIC** - UPHS Marquette Infection Preventionist. Ms. Kilroy holds a certification in infection prevention and control from the Board of Infection Control and Epidemiology, as well as a Master of Science in Public Health, Epidemiology from the University of Michigan, Ann Arbor, Michigan

**Kirk Klemme, MD** - Addiction Medicine Physician, Aspirus Keweenaw Hospital Laurium, Michigan. Dr. Klemme received his degree in medicine from Medical College of Wisconsin-Milwaukee, Wisconsin

**Kristine Kuhl, BAS, M.Com, EMT-P, EMS IC** - Community Integrated Paramedicine Coordinator, Michigan Department of Health & Human Services, Bureau of EMS, Trauma, & Preparedness

**Edwin LaCrosse, EMT-P** - Paramedic with UPHS/ Rampart EMS in Escanaba, as well as a Team Leader with the Region 8 Special Pathogens Transport Team, Escanaba, Michigan

**John Lehtinen, MD** - UPHS Marquette. He is Board Certified in Family Practice, Sports Medicine, as well as Geriatric Medicine & Addiction Medicine. He received his medical school training at Wayne State University School of Medicine, Detroit, Michigan

**Tammy Luoma, RN** - Trauma Program Manager UPHS Marquette. She also is an experienced instructor in TNCC, ENPC, PALS and ACLS instructor and serves as the ATLS course coordinator

**Jodi McCollum, PA-C** - Physician Assistant Trauma and General Surgery UPHS Marquette. Master of Science in Physician Assistant Studies, Central Michigan University, Mt. Pleasant, Michigan

**Josh Menard, BSN, CCRN, EMT-P** - RN/EMT-P/Base Manager, Valley Med Flight, Escanaba, Michigan

**Lyn Nelson, MPA, AEMT, EMS IC** - Region 8 Trauma Coordinator, Michigan Department of Health & Human Services, Bureau of EMS, Trauma & Preparedness

**Erika Osier, RN** - Clinical Educator Family Birthing Center, and Neonatal Intensive Care Unit, UPHS Marquette

**Barbara Potts, MS** - Marquette Alger Regional Educational Service Agency (MARESA), Educational Consultant- specializing in autism spectrum disorders and behavioral challenges

**Trevor Quinlan, EMT-P, EMS IC** - EMS Program Director, Bay de Noc College, Escanaba; Owner, Rural IC LLC, Kinross, Michigan

**Scott Schafer, BS, EMT-P, EMS IC** - Paramedic and Paramedic Educator, MidMichigan Health, Midland, Michigan

**Tim Scholander, D/Lt** - Michigan State Police; Team Commander, Upper Peninsula Substance Enforcement Team, Marquette County, Michigan

**David Slifka, BAS, EMT-P, CCP, EMS IC** - Executive Director, Reading Emergency Unit, Hillsdale, Michigan

**Lindsey Slifka, EMT-P, EMS IC** - EMS Adjunct Faculty, Bay de Noc College, Escanaba, Michigan

**Doug Smith, M.A.T., EMT-P, EMS IC** - CEO, Platinum Educational Group LLC, Wyoming, Michigan

**Jacob Smith, EMT-P, EMS IC** - Regional Manager/ Education Director, Valley Med Flight, Escanaba, Michigan

**John Spencer, EMT-P, EMS IC** - Lead Medical Instructor/ Customer Support Manager, Platinum Educational Group LLC, Wyoming, Michigan

**Amadeo Sturla, MD** - Department of Emergency Medicine, U.P. Health System Marquette. Dr. Sturla received his medical degree from Ross University School of Medicine, in Portsmouth, Dominica, West Indies

**Edward Unger, LPN, EMT-P, EMS IC** - Coordinator, Region 8 Healthcare Coalition. MCA Coordinator, Schoolcraft County Medical Control Authority, Manistique, Michigan

**Mark Wilk, EMT-P, EMS IC** - Chief (Retired), St. Ignace Police Department; Medical Examiner Investigator, Mackinac County; UP-EMS Board of Directors.

**Brent Williams, Senior EMS Advisor, U.S. Department of Commerce, First Responder Network Authority**

# MARQUETTE COUNTY HOTEL / LODGING

## ACCOMMODATIONS

America's Best Value Inn	Marquette		(906) 249-1712
Best Western Country Inn	Ishpeming	(800) 528-1234	(906) 485-6345
Birchmont Motel	Marquette	(877) 458-7805	(906) 228-7538
Brentwood Motor Inn	Marquette	(800) 999-7055	(906) 228-7494
Cedar Motor Inn	Marquette	(888) 551-7378	(906) 228-2280
Comfort Suites	Marquette		(906) 228-0028
Country Inn & Suites	Marquette	(800) 456-4000	(906) 225-1300
Days Inn	Marquette		(906) 225-1393
Econo Lodge	Marquette		(906) 225-1305
Hampton Inn	Marquette		(906) 228-6001
Holiday Inn	Marquette		(906) 225-1351
Imperial Motel	Marquette	(800) 424-9514	(906) 228-7430
Jasper Ridge Inn	Ishpeming	(800) 528-1234	(906) 485-2378
Landmark Inn	Marquette	(888) 752-6362	(906) 228-2580
Magnuson Country Inn	Ishpeming		(906) 486-6261
Marquette Motor Lodge	Marquette		(906) 249-1404
My Place Hotel	Marquette		(906) 232-1111
Ramada Inn	Marquette		(906) 228-6000
Settle Inn	Marquette	(800) 677-3060	(906) 228-8100
Staybridge Suites	Marquette		(906) 225-9901
Tall Pines Motel & RV Sites	Negaunee		(906) 475-6608
Value Host Motor Inn	Marquette	(800) 929-5996	(906) 225-5000
Venture Motel	Marquette	(800) 906-6710	(906) 228-6710
Camping at Tourist Park	Marquette		(906) 228-0465





**12 Lead Parts 1 & 2:** Yes a 12 lead class so easy, even a caveman could do it. A 12 lead class for beginners, and experienced providers. This class simplifies AMI recognition, blocks, hypertrophy, common imitators, and STEMI recognition. **Must attend both sessions** CR: 3 MEDICAL, 1 PATIENT ASSESSMENT.

**ADA and You: What are Reasonable Accommodations** - Identify ways programs can discriminate, fail, and violate ADA policies even when they think they are in the right. Recall the test for "Reasonable Accommodations", Lawsuits and other areas ADA issues. We will discuss how a person with a disability feels they need to hide their disability. CR: I/C 2 EA

**Addiction & Neonatal Abstinence** - A program to help understand the brain and the relationship to addiction. The effects of drugs on the brain, why some get addicted and other don't. CR: 2 MEDICAL

**Airway Skills** - Effective airway management and ventilation are important lifesaving interventions that all EMS providers must be able to perform. The approach to airway management should generally proceed in a stepwise fashion, from basic to advanced, since basic maneuvers can sustain life until an advanced airway can be established. CR: 2 AIRWAY

**Airway & Ventilation: The Case for Three Hands** - The goal of airway management is ventilation! Without effective ventilation - oxygenation fails. Program to cover airway issues and managing the airway. CR: 2 AIRWAY.

**Autism** - Understanding and recognition skills of autism and related behaviors. How to interact with autistic individuals and their families. CR: 2 MEDICAL.

**Back to Basics – Bleeding & Splinting** - Getting back to the basics of wound care and proper splinting. Doing it right. practical application of dressings, splints. CR: 2 TRAUMA

**Basic Death Investigation** (day-long session) - Core skills of the National Institute of Justice's death scene investigation program. Scene evaluation, body inspection, infant death, elder / vulnerable adult abuse, reporting, photography basics, multiple deaths, Michigan law. CR: 2 PATIENT ASSESSMENT, 1 SPECIAL CONSIDERATIONS, 1 SPECIAL CONSIDERATIONS – PEDIATRIC MEDICAL, 1 PREPARATORY, 2 OPERATIONS, 1 OPERATIONS – EMERGENCY PREPAREDNESS.

**Basic Disaster Life Support** – Day long course. Identifies the critical needs to establish healthcare preparedness for disasters. CR: 3 PREPARATORY, .5 PATIENT ASSESSMENT, 1 MEDICAL, 1 TRAUMA, 2 OPERATIONS: EMERGENCY PREPAREDNESS.

**Basic Life Support Obstetrics** - BLSO is designed to equip first responders with the skills to assist in normal and emergency obstetric situations, it covers normal labor, emergent prenatal assessment, saving the life of the mother, saving the life of the baby. CR: 2 MEDICAL.

**Bias In Education** - An overview on assessing personal biases and leading instructors to do the same with the purpose of creating more open instructors and students. CR: I/C 2 EA

**Burns** - Session on current burn care and treatment plans. CR: 2 TRAUMA

**Capnography** - Analyzing exhaled carbon dioxide to determine lung functions; interpreting capnogram waveforms; methods of EtCO<sub>2</sub> measurement; clinical application. CR: 2 AIRWAY

**Care of the Entrapped Motor Vehicle Crash Patient: Keynote Address** - This presentation is intended to provide insight into the clinical and operational challenges associated with the basic and advanced care of the entrapped MVC patient. CR: 2 TRAUMA

**Community Integrated Paramedicine** - Status of community integrated paramedicine in Michigan. CIP Opioid Project will be discussed. Current and emerging programs will be discussed. CR: 2 OPERATIONS.

**Crash Course in Test Item Creation & Analysis** - Discussing the various aspects of creating a reliable test question. Identifying good and bad distracters. CR: I/C 2 ME.

**Data Analysis & Report Writing** – Utilizing EMS Data for protocol development, patient treatment, and quality initiatives. CR: 2 OPERATIONS, 2 I/C ME.

**Death Scene Investigation** - Scene assessment and recognition, body inspections, documentation, laws, critical functions. CR: 2 OPERATIONS

**Disillusion of Patient Assessment** - Pt Assessment isn't always easy, but during this entertaining presentation we will uncover some of the Illusions and disillusions common with medical and trauma patients CR: 2 PATIENT ASSESSMENT.

**Drugs & Other Substances of Abuse** - Insight into the types of narcotics being distributed and utilized throughout Michigan. CR: 2 MEDICAL

**Drugs of Abuse** – Information on drugs and other substances commonly abused; modern and old drug paraphernalia; latest trends; Meth labs. CR: 2 MEDICAL.

**EMS MCA Medical Director Course** – A system perspective for MCA organization, protocol development, patient treatment, and quality initiatives. CR: 1 OPERATIONS, 2 PREPARATORY, 3 I/C ME

**Engaging Our Students** - Our student population is different than it was even ten years ago. Specific skills and didactic material are now required of our students who may not have a real-life background to draw from. It is essential that learning is positive, relative to the student and objectively measurable. Constantly changing and updating our approach is critical. CR: I/C 2 ME

**Education Record Keeping and Standards** - State officials will review the needed documentation of educational records. Pitfalls and problem areas to avoid. I/C 2EA

**FirstNet** – Independent authority within the U.S. Department of Commerce authorized to develop, build and operate the nationwide broadband network to assist first responders; advanced EMS diagnostic and treatment capabilities. CR: 2 OPERATIONS

**Geriatric Trauma; Chest and Abdomen** - Geriatric trauma is the leading injured age group requiring admission in the Upper Peninsula. Understanding the unique characteristics of elderly trauma patients can help to prevent further secondary injury. Chest trauma is commonly identified in numerous different mechanisms of injury. Overall geriatric, chest and abd trauma can be treated by EMS providers improving pt outcomes. CR: 2 TRAUMA

**Human Trafficking** – Definition and prevalence of human trafficking in Michigan and the U.S.A.; "red flags"; help & assistance; state laws. CR: 2 PATIENT ASSESSMENT

**Intro to Critical Care for All Levels** - This session will provide an overview of Critical Care Transport for all levels of EMS Providers. The distinction between EMR, BLS, AEMT and ALS are generally understood and accepted in EMS. As our industry evolves with expanded services for higher acuity patients, this discussion will provide a basic definition of scope of practice within

the varying disciplines and appropriate allocation of resource assets. CR: 1 PREPARATORY, 1 OPERATIONS

**Infection Prevention in the EMS Setting** - Infection control specialist in prevention will address issues as they relate to the pre-hospital environment. CR: 1 PREPARATORY, 1 OPERATIONS.

**Ketamine Hypotension/Shock Index** - After this presentation the student will have an understanding of Ketamine induced hypotension, in certain patient populations and how to predict at risk patients. CR: 2 TRAUMA.

**Landing Zone** – Safety considerations, scene set-up, protocols and issues related to helicopter landing zones. CR: 2 OPERATIONS

**Mental Health First Aid - Day Long Class** - Risk factors, warning signs, strategies and resources for people experiencing a mental health or substance use-related crisis. CR: 4 MEDICAL, 4 PATIENT ASSESSMENT.

**Measurement & Evaluation** – An interactive class on evaluating the cognitive domain in a manner that will yield results that will be valid and reliable. CR: 1/2 ME

**MCA Update** – A presentation for all members of the EMS system to understand the role of an MCA and the members of it. There will also be a statewide update including information on protocol changes and QI initiatives. CR: 1 OPERATIONS; 1 PREPARATORY, 1/2 EA.

**MCI & Disaster Response** – In this presentation, we will explore previous mass casualty incidents (MCIs) and the response from providers-- from first contact to hospital admission-- that helped change the way we approach and plan for the next big incident in our own jurisdictions. We will explore the most likely possibilities for MCIs in our local regions, and ways to prepare ourselves and our departments to work effectively in the face of disaster. CR: 2 OPERATIONS - EMERGENCY PREPAREDNESS.

**MCRH EMS QI Survey Data & MCRH EMS: What Does EMS Quality Mean to You?** - This 2-hour course will provide EMS professionals with an overview of the Michigan Center for Rural Health EMS Quality Improvement Survey and EMS Leadership Tools focused on EMS agency quality improvement. In hour-1, we will review the trends of the MCRH EMS Quality Improvement Survey together and discuss identified survey data strengths and weaknesses. We will then explore what the data means to us and how our perceptions influence meaning. In hour-2, we will ask ourselves the question, “what does EMS quality mean to you?”. We will challenge our own personal perceptions and biases about EMS quality. CR: 2 OPERATIONS; 1/2 EA.

**MDHHS Agency Inspections** – State officials will cover the new agency inspection issues. Problem areas will be discussed. Ways to address the new areas will be reviewed. CR: 2 OPERATIONS; 1/2 EA.

**Meth Labs** – Discussion about the dangers of Meth Labs to Emergency Responders. What to look for, how to stay safe when encountering a possible Meth Lab. CR: 2 MEDICAL

**Michigan EMS Educational Update** - Current Michigan issues relating to EMS training and education. CR: 2 OPERATIONS; 1/2 EA

**Myth & Mystery of Suspension Trauma (Suspension Syndrome)** – Presentation on the Pathophysiology of Suspension Syndrome. Consequences of prolonged passive suspension. Controversies in patient management. Implications for patient packaging and transport. CR: 2 TRAUMA.

**Never Been Called to the Scene of a Definition** – An interactive program on switching the classroom from learning facts to developing critical thinking. CR: 1/2 IT

**Neurological Emergencies of the Brain** – Presentation on the many aspects of neurological emergencies emergency providers deal with. CR: 2 MEDICAL.

**Packing It All Up** – Just getting things packed and put away after the Conference. Nothing more. No Credits. Good bye.

**Pain Management & Hospice Patients** – Pain management issues in the Pre-Hospital setting when dealing with Hospice patients. CR: 2 PREPARATORY.

**PeBLS** - Pediatric Basic Life Support skills. CR: 1 PEDIATRIC - TRAUMA, 1 PEDIATRIC - MEDICAL

**Pediatric Airway** - Assessment, techniques and equipment to care for pediatric airway emergencies. CR: 2 PEDIATRIC AIRWAY

**Peds Management & Med Administration** - Strategies for proper and safe pediatric drug administration. Pitfalls and hazards. **Credits for this session are for Advanced and Paramedic Level only. See PeBLS session for MFR & EMT Level.** CR: 1 PEDIATRIC MED ADMINISTRATION (PRACTICAL), 1 PEDIATRIC MEDICAL (SPECIALIST & PARAMEDIC)

**Pediatric Respiratory Emergencies**- This session will overview respiratory emergencies in pediatric patients. Common abnormalities and conditions will be reviewed, stressing the importance of approach and differing assessment and treatment modalities. CR: SPECIAL CONSIDERATIONS - 1 PEDIATRIC ASSESSMENT; SPECIAL CONSIDERATIONS - 1 PEDIATRIC MEDICAL.

**Practical Skills** – Day-long session with multiple practical skill stations. CR: 2 AIRWAY, 2 MEDICAL, 1 PATIENT ASSESSMENT, 1 SPEC CONSID - PEDIATRIC ASSESSMENT, 1 TRAUMA, 1 SPECIAL CONSIDERATIONS - PEDS MEDICATION (PRACTICAL); INSTRUCTORS/EVALUATORS of program. - 4 I/C - IT, 4 I/C - ME

**Putting It All Together** – Considering different methods of test usage in the continuing education system and how these can work in an initial class as well. CE: 1/2 IT, 1 ME.

**Rural Farming Emergencies** – This presentation will cover what kinds of calls, how to respond and what patient care techniques should be utilized in multiple farming emergencies. CR: 1 PATIENT ASSESSMENT, 1 TRAUMA

**SALT Triage & BCON Train the Trainer** - SALT TRIAGE; Recognize trauma and hazmat/WMD mass casualty events and identify the likely principle hazards to personnel. Triage aspects, pitfalls. BCON - The focus of this program is on: The immediate response to bleeding - Recognize life-threatening bleeding - Appropriate ways to stop the bleeding. CR: 1 OPERATIONS, 1 TRAUMA.

**Self Defense** - Prevention, avoidance and management of dangerous situations, simple techniques for defense: participant physical involvement. Hands on session. CR: 2 PREPARATORY

**Sepsis** – Discuss pathophysiology of sepsis. Demonstrate the essentials of patient assessment in order to identify sepsis quickly for better patient outcomes. Discuss forward thinking EMS agencies who’ve put sepsis tools into practice and how they positively impact patient outcomes. CR: 2 MEDICAL

**Sugar, Sugar** - A look at the pathophysiology, treatment, and prevention of diabetes. CR: 2 MEDICAL

**Stop The Insanity –Let’s Do Things Differently:** Identify common pitfalls, improve the lecture classroom experience, Defend the importance of using progressive testing. CR: I/C 2 IT

**Stethoscopy** - “Tricks of the Trade” techniques in enhancing patient assessment using the stethoscope. Bring own Stethoscope if possible. CR: 2 PATIENT ASSESSMENT.

**Special Pathogen Response Team & Region 8 HCC** - Program will consist of a didactic session with an overview of the Special Pathogens Response Team and their objectives. There will be an additional didactic session regarding the Region 8 Healthcare Coalition and the EMS provider involvement in their program. CR: 2 OPERATIONS

**Stigma & Barriers to Treatment** - Causes and impact of the opioid crisis and other addictions. Provide a working definition of the

disease of addiction. Identify similarities and the differences among various manifestations of addiction. CR: 2 PREPARATORY

**Toxicology** – Interesting case studies with clues & answers to everyday poisonings, Poisons in the air, the food we eat, pets we keep. And once we find them what do we do to protect the patient, or more importantly, us as responders. CR: 1 MEDICAL. 1 PATIENT ASSESSMENT.

**What’s Killing us? Stress or Resilience?** - This presentation begins by encouraging an interactive dialogue, which identifies the unique stressors and personal responses currently experienced by EMS providers. The goal of the presentation is to help providers gain an understanding of the physiology as well as the personal impact stress can have on an individual physically, mentally, emotionally, and spiritually. The presentation will offer simple stress reducing skills for the providers. CR: 2 PREPARATORY

## CREDITS

M.D.H.H.S. Continuing Education Credits have been applied for all levels: (Medical First Responder, Basic EMT, EMT-Specialist and Paramedic) The number of credits and the credit category are listed in the brief class description.

Additional credits for EMS Instructor Coordinator are indicated by “I/C”, with the following letters indicating the credit category: EA: Educational Administration. IT: Instructional Techniques. ME: Measurement & Evaluations. Individuals can receive both provider and I/C credits for classes listing both.

**Credits have been applied for as indicated but are subject to change pending MDHHS-BETP final approval.**



**Student Name:** \_\_\_\_\_

**Thursday, September 26, 2019**

*Start times vary, please refer to Course Grid*

Basic Death Investigations  
Mental Health First Aid  
MCA Medical Director Course  
Data Analysis & Report Writing  
Practical Skills  
Basic Disaster Life Support (BDLS)  
Instructor-Coordinator Curriculum

**Friday, September 27, 2019**

8:00 am to 10:00 am

Keynote & Care of the Entrapped Patient

10:15 am – 12:15 pm

Drugs in Michigan  
12-Leads Part I (*must register for both sessions*)  
Airway Skills  
Self-Defense  
Landing Zone Safety  
Intro to Critical Care for All Levels

1:15 pm – 3:00 pm

Community Integrated Paramedicine  
12-Leads Part II (*must register for both sessions*)  
Human Trafficking  
What's Killing Us? Stress and Resilience?  
Airway Skills  
Geriatric Trauma & Abdominal/Chest Injuries  
Bias in Education (IC track)

3:30 pm to 5:30 pm

MCRH EMS QI Survey Data  
MCA Update  
MCI and Disaster Response  
Stethoscopy  
Pediatric Respiratory Emergencies  
Meth Labs  
Michigan EMS Educational Update (IC track)

**Saturday, September 28, 2019**

8:00 am – 10:00 am

MDHHS Agency Inspections  
Special Pathogen Response Team & Reg 8 HCC  
Pain Management & Hospice Care  
Toxicology  
Burns  
Pediatric Respiratory Emergencies  
Measurement & Evaluation (IC track)

*Saturday, Sept. 28 (continued) ↓*

10:15 am – 12:15 pm

MCRH EMS QI Survey Data  
Pediatric Assessment & Med Administration  
Ketamine Hypotension and Shock Index  
PeBLS  
Addiction & Neonatal Abstinence  
Self Defense  
ADA & You: Reasonable Accommodations (IC track)

1:15 pm – 3:15 pm

Stigma & Barriers to Treatment  
Pediatric Assessment & Med Administration  
Basic Life Support – Obstetrics  
Myth & Mystery of Suspension Syndrome  
Death Scene Investigations  
Sugar, Sugar  
Crash Course in Test Item Creation (IC track)

3:30 pm – 5:30 pm

Capnography  
Drugs & Other Substances of Abuse  
SALT Triage/BCON  
Disillusion of Pt. Assessment  
Neurological Emergencies of the Brain  
Rural Farming Emergencies  
Education Record Keeping & Standards (IC track)

**Sunday, September 29, 2019**

8:30 am to 10:30 am

Drugs & Other Substances of Abuse  
Autism  
Special Pathogen Response Team & Reg 8 HCC  
Pediatric Airway  
Sepsis  
Burns  
Measurement & Evaluation (IC track)

10:50 am – 12:50 pm

Airway & Ventilation; Case for 3 Hands  
Rural Farming Emergencies  
Infection Prevention in EMS  
Ketamine Hypotension and Shock Index  
SALT Triage/BCON  
First Net

# 38<sup>th</sup> Annual EMS Conference Registration



Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

EMS Agency Affiliation (*optional*) \_\_\_\_\_

### Licensure Level

MFR     EMT     AEMT     Paramedic     IC     Other \_\_\_\_\_

### Conference Registration –

\$390 - Full Conference – Thursday through Sunday

\$300 – Friday, Saturday and Sunday

OR you may choose –

### Individual day rates

Thursday    \$140

Saturday    \$140

Friday    \$140

Sunday    \$60

Total Amount Due: \$ \_\_\_\_\_    Payment must be received by September 20, 2019

### COURSE SELECTION FORM MUST BE SUBMITTED WITH REGISTRATION

*\$30 additional fee for Registration at the door – and course availability may be limited*



*Find updates or submit questions on the Conference by liking our Facebook page at  
UPHS Marquette School of EMT*

### Mail Registration Form AND Course Selection Form with payment to:

UP Health System – Marquette  
School of EMT  
580 W College Avenue  
Marquette MI 49855

To pay by credit card, contact the  
School at (906) 449- 1560

Access our website and  
Brochure at:

