

Agricultural Safety and Patient Treatment Workshop for EMS Providers

IEMSA Conference West Des Moines Fire Station 17th & Railroad, West Des Moines 8 hours of CME

7:45am	Registration/Welcome	Bert/Katy
8-9:30am	Grain Bin Rescue demonstration	Jerry's team
9:30-10am	PTO/Auger demonstration	Dan
10-10:30am	Farm Chemicals demonstration	Jerry
10:30-12pm	Tractor Rollover demonstration	Jory & Scott
12:00-12:30pm	Lunch on site	
12:45-1:45pm	Patient Care Station rotation (small group/10 students)	
1:45-2:45pm	Patient Care Station rotation (small group/10 students)	
2:45-3:45pm	Patient Care Station rotation (small group/10 students)	
3:45-4:45pm	Patient Care Station rotation (small group/10 students)	
4:45p	Evaluations	

Patient Care Small groups

Grain Bin
Tractor Rollover
Farm Chemicals
PTO/Auger

Leaders

Karen/Jerry
Scott/Jory
Melissa/John
Katie H/Dan

Workshop Outcomes: Upon completion of this course the participant will be able to:

1. Identify the safety and chemical exposures encountered by EMS personnel that are common in the agricultural setting.
2. Identify and discuss the kinematics of agricultural machinery in the event of a traumatically injured farmer.
3. Discuss the health effects of agricultural pesticides for the farmer.
4. Identify, discuss and demonstrate appropriate assessment and treatment for a farmer with an agricultural chemical exposure.
5. Identify, discuss and demonstrate appropriate assessment and treatment for the farmer injured by the mechanical hazards of a tractor roll-over in the farm setting.
6. Identify, discuss and demonstrate appropriate assessment and treatment for the farmer injured by immersion in a grain storage bin.
7. Identify, discuss and demonstrate appropriate assessment for a farmer with an agricultural trauma related to an auger/PTO entrapment.

Workshop faculty:

Roberta “Bert” Baldus DHEd., MPAS, PA-C

Assistant Professor
Curriculum Coordinator
Physician Assistant Program
Des Moines University
Des Moines, Iowa

**Jerry Eslick
Van Meter, IA.**

Jerry is a twenty-six year veteran in the fire service and is currently the Deputy Chief of Training for the West Des Moines Fire Department. Jerry has been involved in rescue for many years and has been teaching rescue related programs over the past several years. He has brought these experiences and techniques to the training ground throughout the State of Iowa and surrounding states.

Dan Neenan Dan is the Director of the National Education Center for Agricultural Safety. Dan serves as a Paramedic Specialist, Fire-fighter II with the Epworth Fire Department. He serves on the Iowa EMS advisory board, Vice Chair of the Dubuque County Emergency Management Agency, is Treasurer of the Dubuque County EMS Association, and recently joined the board of directors of the Progressive Agriculture Foundation.

Katy Hill RN, BSN, CFRN, EMT-B

Katy has been active in emergency/pre-hospital medicine for 20 years. She currently is the EMS Coordinator for Iowa Health Des Moines and is a flight nurse for Life Flight Des Moines. Katy teaches a variety of EMS classes in Triage, Stroke care, shock, and PALS. She sits on the IEMSA Board and is active in the Central Iowa EMS Directors Association.

John Hanson EMT-P

John has been active in EMS for 19 years, starting as a First Responder and working his way up to Paramedic. He speaks on As Emergencies to various EMS squads and is a speaker at various regional and national conferences. John is an instructor for NCC and WIT in NW Iowa for the EMT Classes. He volunteers for three local ambulance squads that he lives between. John grew up on the farm and is active in raising corn, beans, sod, cattle, and hogs. John is married with three kids, which keep him busy!

Melissa Bahr RN, BSN, PS, CFRN, MHA

Melissa has been involved in EMS/pre-hospital nursing for 20 years. She has taught numerous courses including TNCC, PHTLS, ACLS, served as PALS Regional Faculty, served on NAEMT's Executive Committee for Pediatric Education for Prehospital Professionals, and on the Transport Nurse Advanced Trauma Course Advisory Committee. Melissa currently works as a Clinical Manager for Vidacare for the South.

Karen Jones, RN, CFRN

Karen has been in the EMS community as a Life Flight nurse since 1982. Currently, Karen flies prn and is the full time Trauma and Injury Prevention Coordinator for Iowa Health Des Moines. Karen is the NE Region Director for TNATC and also teaches TNCC and ATCN.

Katie Heldt, RN, BSN

Katie has worked in emergency/trauma care for 20 years. She currently works as the Trauma Program Manager for Iowa Health Des Moines. Katie is a member of the Emergency Nurses Association, Iowa Trauma Coordinators, and Society of Trauma Nurses. She is a Trauma Nursing Core Course, and Advanced Trauma Care Nursing Instructor. Katie serves on the Trauma System Advisory Council.

Scott Perkins EMT-PS, CCP, RN, CEN, CFRN

Scott has been involved in EMS for 17 years. He started as a Paramedic in Ottumwa. After 8 years as a Paramedic, he then went to nursing school. Scott worked in the adult ER and ICU at IMMC and has now been with Life Flight for 5 years. He has been involved in my parents farming operation, in south east Iowa, his entire life.

Jory Hunderdosse EMT-PS

Jory has been involved with EMS/Emergency medicine for over 20 years. He has worked for Mercy ONE, Indianola Fire/EMS and has taught to the EMS community on a wide variety of topics. His experience in Agricultural Safety is based not only from his EMS background but a life time of personal experience growing up in the “field”

William McKibben Fire Fighter/Paramedic

Bill has both expertise in Prehospital medicine and the Agricultural setting. As a family farm owner, Bill has been valuable with the set up and organization of the safety workshop. Bill is a fulltime firefighter/paramedic for West Des Moines Fire Dept. He also has a long history with the CIEMS conference committee and other Ag educational venues.