

Brion Benninger MD, Professor of Medical Innovation, Technology & Research and Clinical Anatomy, Executive Director – Medical Anatomy Center designed and hosted an **Innovative Wet & Dry Simulation Skills Lab for Pre-hospital Care and Wilderness Medicine** for the Oregon Emergency Medical Services celebrating 25 years of excellence in education Sept 21-24, 2017. An interactive specially prepared Cadaver Field Training Skills Lab workshop, which included innovative and state-of-the-art technology (ultrasound finger probes-Sonivate, latest handheld diagnostic ultrasound units-GE, Flexible Intubation Optics unit-AIM, Interosseous fluid cannulation units-EZ IO and Google Glass). He presented on telequantum medical technology healthcare as the future of telemedicine for emergency services. Techniques, practiced procedures and controversies discussed included Emergency airway–innovative field Intubation and Cricothyrotomy; Carotid massage; Cardiac resuscitation; Supraclavicular tamponade to control upper limb bleeding; Scalene block for upper limb trauma; Thoracentesis; Pericardiocentesis; Emergency relief of tension pneumothorax; Paracentesis; Acute organ trauma; Peripheral venous cut down access (neck, upper limb, lower limb); Intraosseous fluid access using EZ-IO device; and dissection of procedural anatomy. Dr. Benninger wanted to give special thanks to Jonathon Meng-Life support educator & ECG Instructor-Samaritan Health for his teaching of emergency cardiac arrhythmias and IO access. I wanted to thank Wilson Chen for assisting with the medical technology and teaching support. Lastly, Tim Case-EMS educator at *American Medical Response (AMR)*, Jan Acebo-EMS Coordinator at Multnomah County Health Department, Kristen Lingman-AirLink Critical Care Transport and David Long-President Oregon EMS for their professionalism, passion and continued support.