

## TATRC's MISL Team Takes to the Podium at 2018 AUSA Medical Symposium & Exposition

The 2018 Association of the United States Army's Institute of Land Warfare Army Medical Symposium and Exposition was held at the Henry B. Gonzalez Center in San Antonio, TX from 27-28 June. The goal of the symposium was to educate and inform the attendees on a wide-array of challenges and opportunities for Army medicine in an increasingly complex world. This event provided education and collaborative discussion on leading practices and innovations from Joint, Interagency, Intergovernmental, and Multinational organizations, as well as from industry and academic partners. It also provided an opportunity to connect those who dedicated their professional lives to finding improvements in the delivery of medical care. The meeting was enlightening, thought-provoking, expansive, and very productive. There were approximately 160 seminar participants which included diverse representation from the Army, Air Force, Navy, and Marines, in addition to international participants from the United Kingdom and Australia, with over 50 presenters within the two day period. Mr. Tom Bigott and Mr. James Beach, two Project Managers from TATRC's Medical Intelligent Systems Laboratory (MISL) were on hand to present and provide insight into Virtual Health related topics.

Virtual Health was an area of great interest at the Symposium, with five Virtual Health Presentations on the schedule. TATRC delivered two of these presentations, as well as provided information on Virtual Health research as part of a panel. Lieutenant Colonel Sean Hipp and Major Dan Yourk of the Virtual Medical Center also gave individual presentations on the Virtual Medical Center and on the Mobile Medic program. Additionally, SFC Todd Hall from the European Regional Medical Command (ERMC) provided a briefing on the ERMC Telehealth initiatives supporting United States Central Command.

Mr. James Beach represented TATRC



MISL Project Managers, Mr. James Beach (left) and Mr. Tom Bigott (right) presented and provided insight into Virtual Health related topics.



Mr. James Beach (left) and Mr. Tom Bigott (right) evaluating a telemedicine system for use in operational environments.

during the five-member panel discussion, *"Modernizing Army Medicine Capabilities in Support of Lethality."* Mr. Beach said, "Having a seat at the table to discuss and collaborate with other senior Army Medicine leaders, as well as hear valuable feedback from the audience, helps to refine and validate our focused research areas."

Mr. Thomas provided an hour long presentation entitled: *"Operational Telemedicine Research at the Tactical Edge."* Mr. Bigott discussed the current DD 1380, the Tactical Combat Casualty Care Card and several problems with the paper copy not getting into the casualty's medical record. Mr. Bigott also discussed efforts to date on creating an electronic version of the DD 1380, additional support capabilities within the DD 1380 that make the Medic's

job easier to document the casualty's clinical condition and care provided, cross domain solutions to transmit the DD 1380 from classified to unclassified networks, and several Cloud based initiatives to support the electronic health record in Theater.

Mr. Beach provided a second presentation specific to MISL's mission entitled: *"Joint Medical Exchange & Documentation Information for Combat Casualty Care."* Mr. Beach discussed his support to the Special Operations Command (SOCOM) in transitioning Virtual Health capabilities from research and design to advanced development activities, with highlights on specific virtual health technologies that will assist SOCOM Medics in the near future. ■■■