PERCEPTRONICS SOLUTIONS WILL SHOW OUR EMERGENCY MEDICINE SYSTEMS AT NAVY FST

Thursday, March 29, 2018

Learn about our new and innovative decision support systems for emergency medicine at the Navy Forum for SBIR/STTR Transition (FST), which takes place at the Gaylord National Resort and Convention Center in National Harbor, MD, from April 9-11, 2018. Perceptronics Solutions will be in booth #184. Come visit us!

We will be highlighting the following systems, and our team will be pleased to describe their features and explore their potential application to your area.

AID-MEDIC: Assisted Informatics and Decisions for Medics

AID-MEDIC is an integrated mobile application intended for use on scene during an MCI. It is designed for mobile, handheld devices and provides capabilities that enhance the situational awareness as well as provide decision support in a variety of domains. The goal of AID-MEDIC is to not only optimize allocation of clinical resources, but also to increase efficiency of patient triage and transfer to care facilities.

PAL-MEDIC: Predictive Algorithms and Learning for Medics

PAL-MEDIC is an integrated mobile application that will provide critical support to Army combat medics and civilian paramedics during pre-hospital patient care. A key objective in the PAL-MEDIC project is using advanced AI-based machine learning algorithms in combination with available procedural and medical databases to provide medics with medical alerts, situation-specific care guidelines and recommendations for immediate courses of action.

HTC3: HANDOFF TRAINING FOR COMBAT CASUALTY CARE

Patient handoffs are a crucial part of casualty care, both in military and civilian environments. Our new HTC3 framework for simulation-based handoff training at all levels of casualty care focuses on the tactical, in-theater steps from initial aid though en-route care and facility acceptance. We are considering the Joint nature of medicine at these levels, as well as the frequent need for communication across cultures.

About Perceptronics Solutions

Perceptronics Solutions develops intelligent computing technologies that help people make better decisions when facing uncertainty or operating in high stress environments. Our world-class scientists, engineers and human-computer interaction experts design and implement solutions that apply advanced algorithms to build systems that focus on the user. By combining innovative science, artificial intelligence and compelling design, we help our clients tackle the most difficult problems now faced by the US Department of Defense and security agencies, local governments, and corporate enterprises.