

# 2018 NTSA Modeling & Simulation Awards and Governor's Award for Lifetime Achievement

The National Training and Simulation Association (NTSA) presented its annual Modeling & Simulation Awards, as well as the 2018 Governor's Award for Lifetime Achievement in Modeling & Simulation, at the NTSA M&S Awards Dinner at the Hyatt Regency Orlando on Tuesday, November 27. NTSA President RADM James Robb, USN (Ret), presented awards in the Acquisition, Education/Human Performance and Training/Simulation categories to a diverse group of

teams tackling an array of tough problems, ranging from large-scale live LVC military training exercises to canine medical simulators to the training of police officers in detecting drunk drivers.

The 2018 Governor's Award for Lifetime Achievement in Modeling & Simulation was presented to Mr. Tony DalSasso, Chief Engineer of the USAF Simulators Program Office at the Air Force Life Cycle Management Center, Wright-Patterson AFB.



(l to r) RADM James Robb and Mr. Tony DalSasso, USAF AFLCMC Simulators Program Office

## 2018 Governor's Award for Lifetime Achievement in Modeling & Simulation

**Mr. Tony DalSasso  
Chief Engineer**

**USAF AFLCMC Simulators Program Office**

Mr. Anthony 'Tony' DalSasso, Chief Engineer of the USAF's Air Force Life Cycle Management Center's Simulators Program Office, has admirably dedicated 37 years of his professional career to the significant evolution of modeling and simulation for warfighters' training systems. From his early work on visual databases and standards for simulator geospatial data through the development and management of numerous training systems (B-2, F-22, KC-46, C-17 and C-130, among others), the remarkable story of training system capability advancements cannot be told without mentioning Tony's exceptional technical contributions and his leadership in continuously improving the acquisition process. During his time as Chief Engineer, the Simulators

Program Office has grown from around 200 people to an organization with over 500 people supporting more than 50 programs. In addition, his many years of involvement with I/ITSEC is a testament to his dedication to the modeling, simulation and training systems community.

## 2018 NTSA Modeling & Simulation Award Winners - Acquisition

**Advanced Operational K9 Medical Simulator:**

**K9 Diesel Design and Fielding Team  
USSOCOM SOF AT&L, USASOC, AFSOC,  
MARSOC, KGS TraumaFX, and Information  
International Associates**

The K9 Diesel Design and Fielding Team is recognized for exemplary government-industry collaboration in the rapid development and acquisition of the K9 Diesel Advanced Operational Medical Simulator. Leveraging innovative contracting strategies, imaginative



(l to r) RADM James Robb, Ms. Carolyn Hollander, KGS TraumaFX, LTC Todd Collins, USA, US Special Operations Command and Mr. Erik Jensen, KGS TraumaFX

design, cost-saving technologies, and singular vision, the team created a high fidelity, modular canine simulator in less than 18 months that greatly improves the ability of veterinary professionals and first responders to save working dog lives while advancing medical simulation art and science.



(l to r) RADM James Robb, Ms. Cecelia Marquart, Sam Houston State University and Dr. Marjorie Zielke, University of Texas at Dallas

## 2018 NTSA Modeling & Simulation Award Winners - Education/Human Performance

**INSITE Team**

**University of Texas at Dallas, Sam Houston State University, Eye T Plus**

Every 50 minutes in the USA, someone dies in an accident involving alcohol. INSITE is a virtual human simulation to help police identify one of the strongest impaired driving clues - Horizontal Gaze Nystagmus (HGN). Officers in Advanced Roadside Impaired Driving Enforcement training sessions indicated that INSITE greatly increased confidence in HGN test performance, technique, and ability to make an arrest decision. INSITE is positioned to help educate up to 500 officers this year alone.

## 2018 NTSA Modeling & Simulation Award Winners - Training/Simulation

**Cubic SLATE Team**

Cubic's revolutionary LVC Air Combat Training System was validated during CAPSTONE testing for the Air Force Research Laboratory and Naval Air Systems Command's Secure LVC Advanced Training Environment (SLATE) Advanced Technology Demonstration. Cubic delivered a TRL 8, high fidelity, interoperable,



(l to r) RADM James Robb, Mr. Robert Pescatore and Mr. Mike Knowles, Cubic Global Defense

multi-level secure LVC system eight years ahead of DoD roadmaps. As a result, warfighters who work in high-risk, complex kill webs can now truly 'train as they fight'.



(l to r) RADM James Robb, Col Cameron Dadgar and Lt Col Aaron McEwen, USAF Warrior Preparation Center

#### USAFE/AFAFRICA Warrior Preparation Center Distributed Training Center

The US Air Forces in Europe & Air Forces Africa (USAFE/AFAFRICA) Warrior Preparation Center (WPC) Distributed Training Center (DTC) experienced meteoric growth over the course of 2018. The DTC expanded its coalition training capacity with construction of a new Coalition Exercise Facility and acquisition of the Control and Reporting Center (CRC) simulator, PATRIOT simulator, and Air Support Operations Center (ASOC) simulator. The DTC increased exercise throughput with several tactical exercises: SPARTAN DAGGER, USAF/USA combined SPARTAN SHIELD, and SPARTAN ALLIANCE - which "advanced Italian Air Force capabilities five years in just five months, and exceeded all expectations."