



September 2010  
Volume 1, Issue 6

## Learning Technology Evolution

### IFest Highlights

The Advanced Distributed Learning (ADL) Initiative’s ImplementationFest (IFest) in Orlando, Florida, the week of August 10<sup>th</sup>, provided a backward glance at ten years of ADL, and a look at some of the future technologies that will aid in training and educating military and civilian personnel. The conference began with a talk from Mr. Thomas Kalil, Deputy Director for Policy, White House Office of Science and Technology Policy and Science Advisor for Science, Technology & Innovation for the National Economic Council.



Major General Layfield addresses IFest audience, August 2010

“Education,” stated Mr. Kalil, “is the economic issue of our time.” Mr. Kalil lauded the efforts of innovators of learning technologies and the Defense organizations that initiate the programs. He advocated the expansion of the technologies as catalysts for transformation in other departments, specifically naming Education as a potential beneficiary of the technologies that are currently training military personnel. Mr. Kalil discussed the potential for gaming, virtual worlds and simulations to play a larger role in advancing Science, Technology, Engineering and Math (STEM) initiatives. He challenged the audience to participate in a White House Initiative by

1. Identifying flagship programs that demonstrate effective learning technology
2. Contrasting benefit to costs
3. Building collaborative programs with civil sector
4. Identify how advanced learning technologies can improve our student’s STEM scores

For the ADL community, the conference is providing the insight to learning techniques and opportunities that will continue to evolve the state-of-the-art for advanced distributed learning. MG Stephen Layfield, Director, Joint Training (J7), U.S. Joint Forces Command (USJFCOM) Joint Warfighting Center (JWFC), capitalized on this during Wednesday morning’s keynote speech. “If you are sitting in one of these seats it is because you care,” he stated. “What is important is what we are going to deliver to the warfighter all the time.” It is clear that immersive training is not going away. Output for our warfighters and keeping them alive is what we need now

(Continued page 4)

### Inside this issue:

Learning Technology Evolution	1
Who Visited Team Orlando?	2
Spotlight Person of the Month	3
Did You Know?	3
IFest (cont’d)	4
Service Announcements	5
Follow 2011 GameTech	5
Team Orlando Board of Dir.	6
Upcoming Events	6

### Kudos!

Dr. Kristy Murray on her recent promotion, Director, ADL Initiative, now responsible for the strategic direction of the entire program and the ADL network which includes Academic and International Co-labs

## WHO VISITED TEAM ORLANDO IN AUGUST?

### Leadership Learning in East Orlando

Hosting new visitors is always exciting for Team Orlando. Hosted by Team Orlando on Tuesday, August 17<sup>th</sup>, Central Florida Partnership's Leadership Orlando Class 79 held their Modeling, Simulation & Training (MS&T) Session hosted by Team Orlando in the Research Park. The full day class principally took place in the Bishop Conference Room at Tech Point II but also included the ultimate field trip -- a two hour tour of hands-on demonstrations.

Rob Matthews, Deputy Technical Director, Naval Air Warfare Center, Training Systems Division (NAWCTSD) gave a history of military MS&T presence in Orlando. His presentation led off the morning's discussion about the gem that lies in East Orlando – MS&T – the largest economic impact to Central Florida, aside from tourism. A variety of Team Orlando individuals demonstrated the unique partnership that works so well. Speakers from: Metro Orlando Economic Development Commission, Central Florida Research Park, Army, Navy, Air Force, Marines, University of Central Florida, Joint Training Integration and Evaluation Center, National Center for Simulation, and Industry. All told their side of the story, which generated considerable excitement leading up to the two hour tour. The day concluded with group discussions about the relevance of which all the class had been exposed.



Pete Marion welcomes Leadership Orlando class 79

Five different vans took groups to various locations around the Research Park to include PEO STRI's Engagement Skills Trainer 2000, US Army's Simulation and Training Technology Center (STTC), NAWCTSD Weapons Laboratory, Engineering and Computer Simulations, Bohemia Interactive, Lockheed Martin Global Training & Logistics, Science Applications International Corporation, UCF's Institute for Simulation and Training, and L-3 Communications Link Simulation & Training. Leadership Orlando participants had the opportunity to fly a helicopter simulator, drive a tank simulator, shoot an instrumented machine gun loaded with blank ammo, shoot a simulated shoulder fired air defense missile, and shoot a virtual human with a taser. Another aspect of the tour, besides hands-on demonstrations, was learning the appreciation and history of when and why the military moved to Orlando, how buildings were named, and where technologies are headed. One example of building name was when the group went outside of STTC to learn the history of Sgt 1<sup>st</sup> Class Paul Ray Smith. The group saw the memorial that spoke of Sgt Smith's bravery and what he did to receive the United States Government's highest military honor – the Medal of Honor. The Sgt 1<sup>st</sup> Class Paul Ray Smith memorial is a solemn reminder to all who work at the STTC, and throughout all the organizations of Team Orlando, that the work they do prepares our Soldiers, Sailors, Airmen and Marines for the toughest battles of our Nation.

As the groups returned to Tech Point II, they discussed their experiences and their new-found knowledge about Team Orlando. Leadership Orlando class 79 now knows something about Orlando they are certain to share with their peers – that Team Orlando and MS&T is one of Central Florida's prized gems.



**Senator George LeMieux (R-FL)** On August 11<sup>th</sup> Sen LeMieux toured Research Park's modeling and simulation commands and received hands-on demos of equipment. Senior leaders from each of the local military services and commands, UCF Institute for Simulation and Training, and the Metro Orlando Economic Development Commission participated in the event. The Senator and his staff heard about the significant value the military, academic and industry partnership that comprises "Team Orlando" provides for Florida and the Nation.

## SPOTLIGHT PERSON OF THE MONTH: Dr. Paula Molloy



September Spotlight  
**Dr. Paula Molloy**  
National Program Manager  
Veterans Health Administration  
National SimLEARN Center

Dr. Paula Molloy is the National Program Manager for the Veterans Health Administration National SimLEARN Center. She earned her PhD. at Harvard University in Anthropology, and organized public outreach for the Smithsonian Institution and the National Park Service. Dr. Molloy's background is in employee education with an emphasis on system thinking. She came to the VA three years ago through the VA Learning University (VALU), where she was the Director for Learning Infrastructure.

Her focus at SimLEARN is managing the requirements for a fully operable center, including staffing and developing the national SimLEARN curriculum. She is also responsible for center operations, strategic planning and policy development.

Dr. Molloy attributes her

success to her ability to work with people in a wide range of disciplines. She is able to unify different perspectives and meet needs in a way that advances the organization. On coming to Orlando, Dr. Molloy says, "The opportunity for collaboration attracted SimLEARN to Orlando. We're interested in leveraging synergies with others who use simulation so that no one is reinventing the wheel."

When asked about how to keep an organization successful, she states, "The key to success is reaching out to stakeholders and being involved in the developmental process."

Dr. Molloy follows her own advice, as she and her team are fully involved with every aspect of opening the new facility in June 2012.

### Industries Collide



**Dr. Roger Smith completed his assignment as the Chief Technology Officer for PEO STRI and accepted a position as the CTO for Florida Hospital's Nicholson Center for Surgical Advancement. Dr. Smith is living proof of the synergies that exist between the Defense and Healthcare industries.**

### *Did You Know?*

#### **Science Drive Gate Opens as NSA Orlando's New Main Entry**

On Monday, August 9, 2010, the newly constructed Science Drive Entry Control Point opened. The Science Drive Entry operating hours are 5:30 a.m. to 10 p.m. Monday - Friday, and 7 a.m. - 6 p.m. on Saturdays. The Science Drive Entry and vehicle inspection area is now considered the main entry point for all visitors, vendors, contractors, and deliveries.

The new hours for the Research Gate (adjacent to Partnership I) are 5:30 a.m. - 6 p.m. Monday - Friday. The Technology Gate (West Gate adjacent to Tech Point I & II) is closed permanently.

The newly completed parking lot outside the Science Drive Gate is intended for use by other members of the Central Florida Research Park. NAWCTSD employees are expected to park inside the NSA Orlando fence line.





**Team Orlando bids farewell to Mayor Crotty in Research Park: Mayor Richard Crotty, Orange County, attends his last Military Advisory Affairs Committee (MAAC) Meeting, held on the second floor of the Partnership II Building. For his extremely supportive role, Team Orlando presents a commemorative plaque that receives a standing ovation from the committee.**

**In this photo (left to right): Lt Col Walt Yates, PM TRASYS, CAPT Dave Grimland, NAWCTSD, Mayor Crotty, Pete Marion, PEO STRI, Col Marcus Boyd, AFAMS, and COL Craig Langhauser, STTC.**

(IFest from page one)

The Advanced Distributed Learning Implementation Fest (annual conference) wrapped up with discussions on serious games for learning, mobile applications and virtual worlds, social networks and future technologies distributed learning. A panel of experts discussed mobile learning technologies. As part of the panel, Dr. Neal Finkelstein focused on delivering the technologies to learners. He spoke about research in using mobile apps for training (including new equipment training and cultural awareness). He stated that mobile apps are also being used to provide instructions and information such as directions and situational awareness. He noted that DOD and GSA are establishing a marketplace for apps and that learning apps are coming soon to i-phones and droids.



A full house at the 2010 Implementation Fest (general session room).

The final panel discussed Team Orlando Partnerships and how leveraging benefits the user as organizations team up to move the best technology forward. As attendees departed, small groups remained to converse about what they had learned, and maybe discuss ten years of accomplishments. From SCORM to social media – this crowd will be taking what they learned from IFEST 2010, putting information to action and anticipating IFEST 2011!

## Service Announcements:

### **Army:**

PEO STRI restructured its executive positions to better align with the other PEOs and its headquarters, the Assistant Secretary of the Army for Acquisition, Logistics and Technology. As a result, the Business Operations Executive is now the Assistant Program Executive Office (APEO) for Business Operations, which is led by an acting APEO for Business Operations, Traci Jones. Jones is also the APEO for Project Support, formerly called the Project Support Executive. Similarly, Pete Marion's title has changed from Customer Support Executive to APEO for Customer Support.

A retirement ceremony for Colonel Ken Wheeler, PEO STRI Military Deputy Program Executive Officer, was held on August 27, 2010. On Sept. 13, retired Colonel Ken Wheeler will report to duty as the APEO for Business Operations.

**Navy:** On June 17, 2010, several staff members from the Human Performance Analysis and Instructional Systems Division (AIR4.6.3) witnessed a "Brave Zulu" for Dr. Joe Sheehan for his leadership in the development and implementation of the *Systematic Team Assessment of Readiness Training* (START) process. Outgoing Program Manager for Aviation Training Systems, Capt. Spike Long, presented PMA-205's first Warfighter Focus Award to Dr. Sheehan in recognition of his work

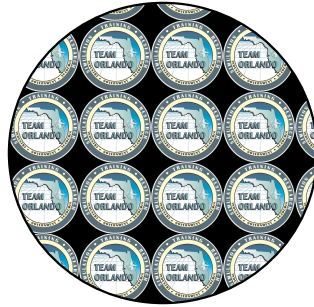
**Air Force:** On September 17<sup>th</sup> AFAMS will celebrate the Air Force's 63rd birthday (Sept. 18) with a cake-cutting ceremony and a crud tournament. Please contact Ms. Getlin for more information. ([noel.getlin.ctr@afams.af.mil](mailto:noel.getlin.ctr@afams.af.mil))

**Marines:** PM TRASYS, in coordination with Marine Corps Systems Command Reserve Affairs, sponsors a Mobilization Training Unit- Marine Systems (MTU-MSYS) as well as an Individual Mobilization Augment (IMA) detachment. This is a MARFORRES administrative reserve program comprised of enlisted Marines and officers who work on programs as subject matter experts and system analysts testing and evaluating Tactical Decision-making Simulations (TDS).



**GameTech 2011 Monthly Update**  
Follow the latest trends  
offered during GameTech  
[www.teamorlando.org/gametech](http://www.teamorlando.org/gametech)

**A growing topic for GameTech 2011: Mobile Applications. Mobile Applications are a growing trend in serious games and a hot topic for conference planners. Where would you use your mobile phone for gaming? Most people game on their handsets during short waits in their day. As developers are creating more high-energy and intensive games, studies are being done on consumers and not just their gaming preferences. Attend GT 2011 to learn more about the intersection between serious games and Mobile Applications.**



## Improving Human Performance through Simulation

### **Team Orlando Representatives**

- ***Program Executive Office Simulation Training and Instrumentation (PEO STRI)***
- ***Naval Air Warfare Center Training Simulation Division (NAWCTSD)***
- ***Program Manager Training Systems (PM TRASYS)***
- ***Air Force Agency for Modeling and Simulation (AFAMS)***
- ***Simulation & Training Technology Center (STTC)***
- ***Army Research Institute (ARI)***
- ***Joint ADL Co-lab***
- ***Defense Acquisition University (DAU)***
- ***Florida Law Enforcement Training Center (FLETC)***
- ***United States Joint Forces Command (USJFCOM J7)***
- ***Veterans Affairs (VA)***

### **Liaisons**

- ***University Central Florida Institute for Simulation Training (UCF IST)***
- ***National Center for Simulation (NCS)***
- ***Economic Development Commission (EDC)***

### Upcoming Events:

[Simulation Interoperability Standards Organization \(SISO\) Simulation Interoperability Workshop](#) Florida Mall Conference Center  
Orlando, Florida  
September 20-24 2010  
<http://www.sisostds.org/>

[Navy Ball](#)  
October 16' 2010  
Hyatt Regency  
Orlando Airport

[Marine Corps Birthday Ball](#)  
November 13, 2010  
Rosen Centre  
Orlando, FL

[I/ITSEC](#)  
November 29-December 2, 2010  
Orange County Convention Center

[Defense GameTech Users' Conference](#)  
March 21-25, 2011  
Caribe Royale Orlando



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The 10-4 is a monthly publication that is distributed electronically on behalf of Team Orlando. The information contained herein is intended to inform members of the internal and external community about Team Orlando programs and events. The information contained within the 10-4 does not necessarily represent official views of the U.S. Government, nor should they be perceived as an endorsement by the U.S. Government, the Department of Defense or any of its subordinate organizations.

Team Orlando is established by a Department of Defense Inter-Service Charter that builds upon a partnership established between the Army and Navy over 60 years ago. Today, Team Orlando members from Government, academia, and industry are focused on one common goal: To improve human performance through simulation. [www.teamorlando.org](http://www.teamorlando.org).

For Team Orlando,  
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