

Medical Technology, Training and Treatment (MT3) Conference

Renaissance® Orlando Hotel at Seaworld®

June 1-4, 2011



CONFERENCE AGENDA

June 1, 2011

INDUSTRY DAY

Purpose: Provide industry with information on current and future opportunities.

	Welcome	Ms. Beth Pettitt
1:00-2:30	Medical Modeling, Simulation & Training R&D Panel (includes all facets of R&D, including SBIR) Each panelist provides: <ul style="list-style-type: none">• A description of current or planned opportunities• Recommendations for what the individual/organization likes to see—what are their hot topics; any do's or don'ts• Templates will include:<ul style="list-style-type: none">○ Website or identification of where opportunities are announced○ Description of the type of solicitations used (BAA, RFP) and process (e.g., white papers)○ Type of contracts used (cooperative agreement/grant)○ Estimated funding level by year across 5 years○ Range of project funding	Ms. Beth Pettitt, (Army) ARL RDECOM Matthew Lineberry, Naval Air Warfare Training Systems Mr. Grady Weir, (Air Force) Director, Research & Development, AFMS Medical Modeling & Simulation, HQ AETC/SGR Harvey Magee (TATRC and JPCG I) (invited)
	Q&A Session	
2:30-2:45	Break	
2:45-4:00	Simulation Training Programs Panel Each presentation will be followed by a Q&A Session	LTC Wilson Ariza, PEOSTRI Dr. Paula Malloy, VA SimLEARN (invited) Shea Peters (Air Force) (invited)

June 2, 2011
CONFERENCE PROGRAM

- 8:30 Welcome and Introduction of Keynote Speakers - **Mary Trier, MT3 Coordinator**
- 8:35- 9:05 **Theresa Sareo**, Singer, Songwriter, Motivational Speaker. Sharing her exceptional story of traumatic injury and how she learned to cope with loss of limb.
- 9:05 – 9:50 **Staff Sgt. Russ Marek and Paul Marek (Father)**, Wounded Warrior discussing his multiple injuries (multiple amputations, 3d degree burns over 20% of his body, and traumatic brain injury), the treatment received, technology and rehabilitation.
- 9:50- 10:30 *Break Exhibit Area*
- 10:30- 11:00 **Neurosurgical Training and Simulation**
Emad Aboud, MD, Director, Microneurosurgery Laboratory;
Arkansas Neuroscience, Institute St. Vincent Infirmary
- 11:00 – 11:30 **Robotic Heart Surgery**
Joseph Boyer, MD, Cardiothoracic Surgeon; Florida Hospital
- 11:30 – 12:00 **Emergency Medicine**
Jeffrey S. Cain, MD, Emergency Medicine Physician;
McKinney Medical Center
- 12:00 – 1:15 *Networking / Lunch*
- 1:15 – 3:15 **Panel: Importance of Biomarkers in Diagnosing Civilian and Military TBI**
Panel Moderator: Ibolja Cernak, MD, PhD, Medical Director, Biomedicine Business Area; Johns Hopkins University Applied Physics Laboratory
- Panel Members:**
Kevin K. Wang, MD, Center Director, Center of Innovative Research & Chief Scientific Officer; BANYAN BIOMARKERS, Inc.
Robert W. Van Boven, MD, Mild Traumatic Brain Injury Clinic; Irwin Army Community Hospital, Fort Riley, KS
Harvey Levin, MD, Professor, Cognitive Neuroscience Laboratory;
Baylor College of Medicine
- 3:15 – 3:45 *Break Exhibit Area*
- 3:45 – 4:30 **Constructivist Simulations for Medical Education**
Juan Cendan, MD, Assistant Dean for Simulation and Associate Professor of Surgery; University of Central Florida, College of Medicine
David Metcalf, PhD, Director, METIL; University of Central Florida Institute for Simulation and Training
- 4:30 – 5:30 **Augmented Reality, Live, Virtual, Constructive:**
Panel Moderator: Eileen Smith, University of Central Florida
Panel Members:

June 3, 2011

CONFERENCE PROGRAM

- 8:25 – 8:30 Introduction of Surgical Simulation Panel - **Allen Naugle, MT3 Coordinator**
- 8:30 – 10:30 **Surgical Simulation Centers, Curriculum Development**
Panel Moderator: **Wilson Ariza**, LTC, U.S. Army Assistant Project Manager, Medical Simulation (MedSim); Program Executive Office for Simulation, Training and Instrumentation (PEO STRI)
Panel Members:
Trauma Surgeon, Ryder Trauma Center, University of Miami Hospital

Dimitrios Stefanidis, MD, PhD, Medical Director; Carolinas Simulation Center

John H. Armstrong, MD, FACS, FCCP, Medical Director; University of South Florida, Center for Advanced Medical Learning and Simulation (CAMLs)(invited)
- 10:30 – 11:00 *Break Exhibit Area*
- 11:00 – 1:00 **Challenges in Disaster Medicine**
Panel Moderator: **Alan Moloff, DO**, MPH, COL U.S. Army (RET), Medical Director PynG Medical

Panel Members:
H. Allen Dobbs, MD, Chief Medical Officer; National Disaster Medical System Office of the Assistant Secretary for Preparedness and Response, U.S. Department of Health and Human Services
Bill Saltzstein, Business Development Manager; connectBlue, Inc.
Jason Rodriguez, Applied Research Associates
Philip A. Carmona, NREMT-P, RN, U.S. Army Special Forces, (RET) Associate Director, Chief of Operations, Administrative Services, Director, Center of Operational Medicine; Medical College of Georgia
- 1:00 – 2:00 *Lunch*
- 2:00 – 2:30 **Amber Larson**, RN, BSN, MSeD, Program Manager, Learning Technologies; Adventist Health Care
- 2:30 – 4:00 **Technology Showcase**, Moderated by U.S. Air Force (Ret) Lt. Gen. Thomas Baptiste, Executive Director; National Center for Simulation
- 4:00 – 6:00 **Congressional Modeling and Simulation Congressional - Policy Discussion**
Panel Moderator: **U.S. Congressman (Ret) Tom Feeney**
Panel Members: TBD
- 6:30 – 8:00 **Reception, Exhibit Area**
Special Entertainment by Theresa Sareo

*MT3 Program Draft - Subject to Change

June 4, 2011
CONFERENCE PROGRAM

- 8:25 -8:30 Introduction of Keynote Speaker - **Judith Riess, MT3 Coordinator**
- 8:30 – 9:00 **Morgan Passiment**, Director, Information Resources Policy & Programs; Association of American Medical Colleges
- 9:00-9:30 **Dr. Haru Okuda**, MD, Medical Director; Veterans Administration SimLearn
- 9:30 – 10:30 **Developing Medical Simulations**
Panel Moderator: Joseph M. Rosen, MD, Dartmouth Hitchcock Medical Center
Panel Members:
Janet Weisenford, Fellow; ICF International
Harvey Magee, Technical Director, Medical Modeling & Simulation Technology; TATRC
Aaron Olikier, Director 3D Technology Research Assistant Professor at NYU School of Medicine; Owner, BioDigital Systems
- 10:30 – 11:00 *Break, Exhibit Area*
- 11:00 – 12:00 **Developing Medical Simulations (cont'd)**
Eugene Santos, PhD, Professor of Engineering, Thayer School of Engineering; Dartmouth
Jose Garcia-Marquez, Massachusetts Institute of Technology
- 12:00 – 1:00 Lunch
- 1:00-3:00 **Medical Simulation Standards**
Panel Moderator: Richard Satava, MD, Professor of Surgery; University of Washington
Panel Members
Dimitrios Stefanidis, MD, PhD, Medical Director, Carolinas Medical Center; Surgical Simulation Center

Other Panel Members TBD
- 3:00 p.m. **Conference Adjourns**