

**Final Agenda**  
**U.S. Army Telemedicine Partnership Series 2011:**  
**Topic/Focus Area: ‘Tip of the Spear Medicine: Emerging Technologies**  
**for Special Operations Forces’**  
**Saturday, April 30, 2011**  
**Tampa Convention Center**  
**Tampa, Florida**  
**Room Location: Rooms 13 – 14 – 15 – 16, First Floor**  
**Program Coordinator & Chairman: Dr. Gary Gilbert**

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<b><u>Time:</u></b>	<b><u>Topic:</u></b>	<b><u>Presenter:</u></b>
7:30 - 8:00 a.m.	<i>Registration, Check-In &amp; Continental Breakfast</i>	<i>All Registered Attendees</i>
8:00 - 8:10 a.m.	Welcome, Introductions & Objectives of the Day	<b>Gary Gilbert, Ph.D.</b> Chief, Knowledge Engineering Group, Portfolio Manager, Robotics U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
8:10 – 8:30 a.m.	The Role of Medical Technology Across the Spectrum of Military Operations	<b>CAPT J. Christopher Daniel, M.D.</b> Deputy Commander, U.S. Army Medical Research & Materiel Command (USAMRMC)
8:30 – 8:40 a.m.	Presentation of the General Maxwell Thurman Award for Excellence in Telemedicine	<b>CAPT J. Christopher Daniel, M.D.</b> Deputy Commander, U.S. Army Medical Research & Materiel Command (USAMRMC)
		&
		<b>COL Karl E. Friedl, Ph.D.,</b> Director, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)

<b><u>Time:</u></b>	<b><u>Topic:</u></b>	<b><u>Presenter:</u></b>
8:40 – 8:50 a.m.	Presentation of the G. Rufus Sessions Award for Excellence in Mobile Health	<b>COL Ronald K. Poropatich, M.D.</b> Deputy Director, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
8:50 – 9:10 a.m.	Promoting Advanced Medical Technology Development for Military and Civilian Use	<b>COL Karl E. Friedl, Ph.D.,</b> Director, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
9:10 – 9:30 a.m.	Special Operations Medicine – A General Overview	<b>COL Virgil “Tom” Deal, Jr., M.D.</b> Command Surgeon, U.S. Special Operations Command (SOCOM),
9:30 – 9:40 a.m.	First Hand Result of TATRC Research and Impact on Special Forces Soldier	<b>Mr. Randall Tipton</b> Prosthetist, Michael E. DeBakey VA Medical Center Special Forces (Retired) U.S. Army
9:40 – 9:45 a.m.	Overview of Focus Areas	<b>Gary Gilbert, Ph.D.</b> Chief, Knowledge Engineering Group, Portfolio Manager, Robotics U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
<b>9:45 – 10:00 a.m.</b>	<b><i>Mid-Morning Break</i></b>	<b><i>All Attendees Participate</i></b>
<b>10:00 – 11:45 a.m.</b>	<b><u>Focus Area 1: Special Operation Forces Perspective</u></b>	

<b><u>Time:</u></b>	<b><u>Topic:</u></b>	<b><u>Presenter:</u></b>
10:00 – 10:15 a.m.	A Typical Special Operations Mission: 1 <sup>st</sup> Hand Account (USASOC)	<b>MSG John Steinbaugh</b> Special Forces Medic, Combat Development Directorate (CDD), U.S. Army Special Operations Command (USASOC)
10:15 – 10:30 a.m.	U.S. Special Operations Command Medical Technology Needs & Programs	<b>John Parson, D.C.</b> SORDAC PEO-SW Medical Applications U.S. Special Operations, Command (SOCOM)
10:30 – 10:45 a.m.	U.S. Air Force Special Operations Perspective (AFSOC)	<b>Lt Col Scott F. Walter</b> Chief, Modernization Division, U.S. Air Force Special Operations Command (AFSOC)
10:45 – 11:00 a.m.	U.S. Navy Special Operations Perspective (NSWC/NAVSOC)	<b>T.B.D.</b>
11:00 – 11:15 a.m.	U.S. Marine Special Operations Perspectives (MARSOC)	<b>HM1 John “Kip” Morey</b> Leading Petty Officer, Medical Operations & Training 1st Marine Special Operations Battalion, U.S. Marine Special Operations Command (MARSOC)
11:15 – 11:30 a.m.	U.S. Army Special Operations Perspective (USASOC)	<b>MSG John Steinbaugh</b> Special Forces Medic, Combat Development Directorate (CDD), U.S. Army Special Operations Command (USASOC)
11:30 – 11:45 a.m.	<b><i>Interactive Discussion and Questions &amp; Answers from the Audience</i></b>	<b><i>All Attendees Participate</i></b>
11:45 – 11:55 a.m.	<b><i>Morning Session Summary</i></b>	<b>Gary Gilbert, Ph.D.</b> Chief, Knowledge Engineering Group, Portfolio Manager, Robotics U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)

<u>Time:</u>	<u>Topic:</u>	<u>Presenter:</u>
11:55 a.m. – 1:20 p.m.	<b>Interactive Working Buffet Luncheon</b> <b>Room Location: Ballroom A, 1<sup>st</sup> Floor</b> <i>*(For DoD /Government personnel on official government orders, please take care to adjust your per diem rate for this day as lunch is being provided for you.)*</i>	<b>All Attendees Participate</b>
12:40 – 1:10 p.m.	<b>Luncheon Keynote Speaker:</b> Topic: Special Operations Forces Human Performance/ Injury Prevention Research Initiative	<b>Scott Lephart, Ph.D.</b> Professor & Chairman, Department of Sports Medicine & Nutrition / Neuromuscular Research Laboratory, University of Pittsburgh
1:20 – 2:55 p.m.	<b><u>Focus Area 2: Telemedicine, Medical Imaging &amp; Medical Informatics</u></b>	
1:20 – 1:35 p.m.	Store and Forward Telepsychiatry: Psychiatric Consultations for Remote and Forward Deployments	<b>Jay H. Shore, M.D., M.P.H.</b> Psychological Health Portfolio Manager, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC) Associate Professor, Psychiatry, University of Denver
1:35 – 1:50 p.m.	Ultra-Portable Lightweight X-Ray Source for Medical Imaging	<b>Seth Putterman, Ph.D.</b> Professor, University of California, Los Angeles
1:50 – 2:05 p.m.	Real-Time EEG Monitoring System (RTEEMS) for Acute Traumatic Brain Injury (ATBI)	<b>Kenneth Jordan, M.D., F.A.C.P.</b> President & Chief Executive Officer, Jordan Neurosciences
2:05 – 2:20 p.m.	Finger-Mounted Ultrasound Probe	<b>Ronald Schutz, M.D.</b> Chairman & Founder, Blacktoe Medical

<b><u>Time:</u></b>	<b><u>Topic:</u></b>	<b><u>Presenter:</u></b>
2:20 – 2:35 pm.	Decision Support Algorithm for Diagnosing Hemorrhage & Trauma Casualties	<b>Jaques Reifman, Ph.D.</b> Director, Biotechnology High Performance Computing Software Application Institute (BHSAI) U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
2:35 – 2:55 p.m.	<b><i>Interactive Discussion and Questions &amp; Answers from the Audience</i></b>	<b><i>All Attendees Participate</i></b>
2:55 – 3:15 p.m.	<b><i>Mid-Afternoon Break</i></b>	<b><i>All Attendees Participate</i></b>
3:15 – 4:55 p.m.	<b><u>Focus Area 3: Combat Casualty Care Research &amp; Development</u></b>	
3:15 – 3:30 p.m.	Joint Medical Distance Support & Evacuation (JMDSE) Overview, Objectives & Results	<b>CDR Greg Cook, Ph.D.</b> Chief, Medical Concept Development, U.S. Joint Forces Command (JFCOM)
3:30 – 3:40 p.m.	TATRC's Perspective on Joint Medical Distance Support & Evacuation (JMDSE)	<b>COL Karl E. Friedl, Ph.D.,</b> Director, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
3:40 – 3:55 p.m.	CareGuide Noninvasive Trauma Patient Monitor for Combat Casualty Care	<b>Babs Soller, Ph.D.</b> President & Chief Scientific Officer, Reflectance Medical, Inc.
3:55 – 4:10 p.m.	Autonomous Airway Management	<b>Chu-Yin Chang, Ph.D.</b> Vice President, Energid Technologies

<b><u>Time:</u></b>	<b><u>Topic:</u></b>	<b><u>Presenter:</u></b>
4:10 – 4:25 p.m.	New Vital Signs, A Wireless Monitoring Device, and...	<b>Kenneth G. Proctor, Ph.D.</b> Professor of Surgery & Anesthesiology, University of Miami, Miller School of Medicine, Ryder Trauma Center
4:25 – 4:40 p.m.	NATO's Research Technology Group 184 (Safe Ride Standards for Patient Evacuation Using Unmanned Aerial Vehicles (UAVs))	<b>Dave Lam, M.D., M.P.H.</b> TATRC Liaison Officer to NATO, TATRC European Office, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
4:40 – 4:55 p.m.	<b><i>Interactive Discussion and Questions &amp; Answers from the Audience</i></b>	<b><i>All Attendees Participate</i></b>
4:55 – 5:40 p.m.	<b><u>Focus Area 4: Medical Logistics &amp; ReSupply</u></b>	
4:55 – 5:15 p.m.	Unmanned Aerial Medical ReSupply	<b>Mr. Michael Piasecki</b> President, Dragonfly Pictures, Inc.  <b>&amp;</b> <b>Mr. William “Buzz” Miller</b> Consultant, Piasecki Aircraft Corporation
5:15 – 5:30 p.m.	Emerging Medical Logistics Technologies for an Austere Environment	<b>Mr. John DePasquale</b> Medical Logistics Portfolio Manager, U.S. Army Medical Research & Materiel Command's (USAMRMC) Telemedicine & Advanced Technology Research Center, (TATRC)
5:30 – 5:40 p.m.	<b><i>Interactive Discussion and Questions &amp; Answers from the Audience</i></b>	<b><i>All Attendees Participate</i></b>

**Time:**

**Topic:**

**Presenter:**

5:40 – 5:50 p.m.

***Meeting Summary***

**Gary Gilbert, Ph.D.**  
Chief, Knowledge Engineering  
Group,  
Portfolio Manager,  
Robotics  
U.S. Army Medical Research &  
Materiel Command's  
(USAMRMC)  
Telemedicine & Advanced  
Technology Research Center,  
(TATRC)

5:50 – 6:00 p.m.

***2011 Army Telemedicine  
Partnerships Meeting Synopsis  
& Final Conclusions***

**COL Karl E. Friedl,  
Ph.D.,**  
Director,  
U.S. Army Medical Research &  
Materiel Command's  
(USAMRMC)  
Telemedicine & Advanced  
Technology Research Center,  
(TATRC)

**6:00 p.m.**

***Meeting Adjournment***

***All Attendees***