

2014 MHSRS Timeline

Date	Event	Content	Behind the Scenes		
			Action	Guidelines	
14-Nov-13	Global "Save the Date" message sent from gdit website				
1-Dec-13	Global "Save the Date" message sent from gdit website	Abstract submission 6 Jan to 4 Apr; announces Young Investigators Award session	Breakout sessions & session chairs finalized		
				Abstracts	<u>Abstracts:</u> 15 minute presentations; will be re-directed to the correct breakout category if submitter mis-binned
				Young Investigator Competition	<u>Qualifications:</u> Primary authors and presenters must be residents, fellows and post-docs/individuals with a doctoral degree within five years of graduation from a terminal degree. Service Academy cadets are also eligible for this presentation category.
				Submit content for 6 Jan website announcement: Abstracts & Young Investigator Session	
				Message to Breakout Session Chairs on their timeline to organize review committees & the flow of the review process/expectations	TBD
6-Jan-14	Open Call for Abstracts	Call for Abstracts (6 Jan to 4 Apr); announces Young Investigators Award Competition		Message to Breakout Session Chairs to organize review committees; deliverable due dates; includes nominations for plenary speakers	Abstract Reminders sent: 15 Feb, 3 Mar, 17 Mar, 1 Apr Message to Breakout Session Chairs to organize review committees: Reminders sent 1 March, 15 March
4-Apr-14	Close Call for Abstracts			Open website for reviews	
4-Apr to 4 May 14	Abstract Review			Session Chairs complete reviews on the website; submit nominees for plenary session	
				Young Investigator presentations finalized	
4-May-14	Message to submitters on abstract status	Include POCs for session information & poster information from this time forward			
TBD	Website open for registration				
19-May-14				Confirm plenary session acceptances	
				Breakout session chairs form their oral sessions	Suggested: 80% of presentations from submitted abstracts & 20% invited SMEs
				Poster organizers receive list of accepted posters	
2-Jun-14				Preliminary breakout session laydown	
				Preliminary poster session laydown	
1-Aug-14				Final breakout session laydown	
				Final poster session laydown	
18-21 Aug 14	Meeting				

(Draft) MHSRS Agenda - 2014

18 August to 21 August 2014

Day/Date	Sun/17 Aug	Mon/18 Aug	Tue/19 Aug	Wed/20 Aug	Thu/21 Aug
0600 to 0630			Wounded Warrior Fun Run		
0630 to 0700		Breakfast/Registration	Breakfast/Registration	Breakfast/Registration	Breakfast
0700 to 0800					
0800 to 1000		Plenary I	Plenary III	Plenary V	Plenary VII
1000 to 1030				Break	
1000 to 1030		Plenary II	Plenary IV	Plenary VI	Breakouts
1030 to 1200					
1200 to 1300			Lunch		
1300 to 1500		Breakouts	Poster Session I	Breakouts	Breakouts
1500 to 1530	AFMS Breakout		Break		CONFERENCE ENDS
1530 to 1730	(1500-1700)	Breakouts	Breakouts	Breakouts	
1730 to 1800					
1800 to 2000	Registration (1530-2000)		Poster Session II		
1900 to 2100		ASDHA's Reception (1900-2100)	USN/Marine Corps Service Breakout (1900-2100)		

Day	Time				
Sunday, 17 August 2014		Air Force Medical Service Breakout (POC: Maj Kevin Kupferer)			
	1500-1700				
	1530-2000	REGISTRATION (Location)			
Monday, 18 August 2014	0630 to 0800	REGISTRATION - (Location) BREAKFAST - (Location)			
	0800 to 1200	PLENARY SESSION I AND PLENARY II - (Location)			
	0800 to 1000	PLENARY SESSION I			
	Start 0815	Call to Order/Introductions			
		Keynote Address			
	End 1000				
	1000 to 1030	BREAK - (Location)			
	1030 to 1200	PLENARY SESSION II			
	1030 to 1100	Joint Trauma System			
	1100-1200	Deployed Personnel Panel Discussion			
1200 to 1300	LUNCH - (Location)				
Room	TBD	TBD	TBD	TBD	
1300 to 1500	Combat Casualty Simulation & Training Janet Harris, PhD	Enroute Care Lt Col Jennifer Hatzfeld, USAF Lt Col Vikhyat Bebart, USAF	Blood/Blood Products Heather Pidcock, PhD	Sensory Issues/Vision, Hearing & Balance CAPT Michael Hoffer, USN Lynn Henselman, PhD LTC James Crawford, USA	
1500 to 1530	BREAK - (Location)				
Room	TBD	TBD	TBD	TBD	
1530 to 1730	Bioinformatics: Supporting Warrior Care Francis McVeigh, OD Lori Loan, PhD	Hemorrhage Control & Resuscitation Michael Dubick, PhD CAPT Zoldt Stockinger, USN	Psychological Health/PTSD in Primary Care Settings Ronald Hoover, PhD	Prosthetics and Rehabilitation CAPT Lanny Boswell, USN Ms. Katherine Stout	
1900 to 2100					
0630 to 0800	REGISTRATION - (Location) BREAKFAST - (Location)				
0800 to 1000	PLENARY SESSION III/Young Investigator Competition				
0800 to 0812	Neurotrauma/Traumatic Brain Injury/MHSRS-761 Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial Dr. Stefania Mondella				

Tuesday, 19 August

0812 to 0824	Trauma Care/Enroute Care/MHSRS-828 Evaluation of High-Dose Hydroxocobalamin and Ascorbic Acid as an Injectable Antidote for Carbon Monoxide Poisoning ENS Joseph Roderique, USNR			
0824 to 0836	Neurotrauma/Traumatic Brain Injury/MHSRS-775 Moderate and Severe Brain Injury Among Combat Casualties: Secondary Insult Analysis CPT Donald Keen, USA			
0836 to 0848	Human Performance & Occupational Health/Injury Prevention (Sensory & Musculoskeletal Injuries)/MHSRS-402 Effectiveness of an Injury Prevention Warm-Up for Unit Physical Training Capt Joshua Shumway, USAF			
0848 to 0900	Trauma Care/Burn & Intensive Care/MHSRS-900 Nebulized Epinephrine Limits Pulmonary Vascular Hyperpermeability to Water and Proteins in Ovine Burn and Smoke Inhalation Injury Dr. Ernesto Lopez			
0900 to 0912	Trauma Care/Blood & Blood Products/MHSRS-1012 Improved Clot Strength of Refrigerated Platelets for Transfusion Dr. Prajeeda Nair			
0912 to 0924	Trauma Care/Extremity Trauma & Limb Regenerative Research/MHSRS-1150 Evaluation of Early Heterotopic Ossification and the Effect of Bioburden in an Established Rat Model CPT Donald Hope, USA			
0924 to 0936	Human Performance & Occupational Health/MHSRS-340 Can We Predict How Sleep Loss Impairs Human Performance? Dr. Sridhar Ramakrishnan			
0936 to 0948	Neurotrauma/Traumatic Brain Injury/MHSRS-422 In-Theater mTBI Screening: Normative Versus Baseline ANAM4 Data Lt Jay Haran, USN			
0948 to 1000	Trauma Care/Prehospital & Combat Casualty Care/MHSRS 56 A Novel Anatomical and Physiological Scoring System for Military Pelvic and Perineal Blast Injuries Shows Significantly Superior Predictive Outcomes Than Current Scoring Systems; Injury Severity score-ISS, New ISS, Trauma ISS, Revised Trauma Score Dr. Somayyeh Mossadegh, UK			
Alternate	Trauma Care/Prehospital & Combat Casualty Care/MHSRS 351 The Adrenal Response to Injury in Mauritian Cynomolgus Macaques : A Comparison Between Isolated Hemorrhage and Polytrauma Models CPT Vincente Nelson, USA			
Alternate	Trauma Care/Burn & Intensive Care/MHSRS-963 Porcine Large Total Body Surface Area (TBSA) Contact Burn for Investigating Immunomodulators to Reduce Systemic Inflammatory Response Syndrome (SIRS) Dr. David Burmeister			
Alternate	Trauma Care/Prehospital & Combat Casualty Care/MHSRS 52 Design and Development of a Controlled Spinal Cord Impactor for Use in Large Animal Models of Acute Traumatic Spinal Cord Injury CPT Rory Petteys, USAR			
1000 to 1030	BREAK - (Location)			
1030 to 1200	PLENARY SESSION IV			
1030 to 1045	Keynote Address			
1045 to 1100				
1100 to 1115				
1115 to 1130				
1130 to 1145				
1145 to 1200				
1200 to 1300	LUNCH -(Location)			
1300 to 1500	POSTER SESSION I - (Location)			
1500 to 1530	BREAK - (Location)			
Room	TBD	TBD	TBD	TBD
1530 to 1730	Military Medical Skills Acquisition & Sustainment Mr. Harvey Magee Lori Loan, PhD	Expeditionary & Sea Based Care & Global Disaster Response Wayman Cheatham, MD Elon Glassberg, MD	Psychological Health/Resilience Kate Nassauer, PhD	Physiologic Monitoring Victor Convertino, PhD Jaques Reifman, PhD
1800-2000	POSTER SESSION II - (Location)			

	1900-2100	Navy Medical Service Breakout (POC: Dr. Wayman Cheatham)			
Wednesday, 20 August	0630 to 0800	REGISTRATION - (Location) BREAKFAST - (Location)			
	0800 to 0930	PLENARY SESSION V			
	0800 to 0815	Keynote Address			
	0815 to 0830				
	0830 to 0845				
	0845 to 0900				
	0900 to 0915				
	0915 to 0930				
	0930 to 1000	BREAK - (Location)			
	1000-1200	PLENARY SESSION VI			
	1000-1015				
	1015-1030				
	1030-1045				
	1045-1200				
	1200 to 1300	LUNCH -(Location)			
Room	TBD	TBD	TBD	TBD	
1300 to 1500	Human Performance Research Rodger VanderBeek, MD Valerie Trabosh, PhD	Extremity Trauma & Limb Regenerative Research COL Romney Andersen, USA Joseph Wenke, PhD	American College of Surgeons Committee on Trauma Region 13 Resident Presentations Col Jeff Bailey, USAF	Prehospital & Tactical Combat Casualty Care LTC Robert Mabry, USA Dr. Sylvain Cardin, PhD	
1500 to 1530	BREAK - (Location)				
Room	TBD	TBD	TBD	TBD	
1530 to 1730	Environmental/Occupational Health Hazards David Jackson, PhD	Craniofacial Trauma & Face Regenerative Research LTC Luis Alvarez, USA Lt Col Michael Davis, USAF	Military Graduate Medical Education Woodson Scott Jones, MD (Col ret USAF)	Burn & Intensive Care Col Jeremy Cannon, USAF Jose Salinas, PhD	
Thursday, 21 August	0630 to 0800	BREAKFAST - (Location)			
	0800 to 0830	Awards Ceremony (placeholder)			
	0830 to 0930	PLENARY SESSION VII			
	0830 to 0845				
	0845 to 0900				
	0900 to 0915				
	0930 to 1000	BREAK - (Location)			
	Room	TBD	TBD	TBD	TBD
	1000 to 1200	Injury Prevention (Sensory & Musculoskeletal Injuries) Richard Shoge, PhD	TBI Session 1 Kenneth Curley, MD Crystal Hill-Prior, PhD	Wounds/Skin/Soft Tissue Infections LTC Wendy-Sammons-Jackson, USA	Military-Civilian Training & Sustainment Platforms Col Raymond Fang, USAF CAPT Eric Elster, USN
	1200 to 1300	LUNCH -(Location)			
Room	TBD	TBD	TBD	TBD	
1300 to 1500	Psychological Health/Suicide Kate Nassauer, PhD	TBI Session 2 Kenneth Curley, MD CDR Rene Hernandez, USN	Infectious Disease Research & Diagnostics CDR Gail Chapman, USN	Acute & Chronic Pain Management Marcie Fowler, PhD Tony Gover, PhD	

2014 MHSRS AGENDA

Date	Presentation Sub-Times	Presentation Title	Speaker or Event
Sunday 17 Aug			
0900-1700		Air Force Medical Service Breakout	Air Force Medical Service Breakout
1900-2030		By Invitation Only Armed Services Biomedical Research Evaluation and Management Meeting	Rear Admiral Bruce A. Doll
Monday 18 Aug			
0745-		Welcome & Administrative Remarks	Terry Rauch, PhD & COL Dallas Hack, USA
0800-		Keynote Presentation (Title TBD)	Dr. David J. Smith Deputy Assistant Secretary of Defense for Force Health Protection and Readiness
		(Title TBD)	Lt. Gen. Douglas J. Robb, USAF Director Defense Health Agency
		(Title TBD)	Rear Admiral Bruce A. Doll Director, Research, Development & Acquisition Defense Health Agency
		(Title TBD)	Vice Admiral Matthew T. Nathan Surgeon General of the Navy
-1005		(Title TBD)	Invitation Sent HOLD
1005-1030		Break	Break
1030-1200		Joint Trauma System Presentation & Panel Discussion	Moderator CAPT Zsolt Stockinger, USN
1200-1300		Lunch	Lunch
1300-1500		Breakout Sessions	Breakout Sessions
		Training & Skills Sustainment Combat Casualty Simulation & Training	Moderator Janet Harris, PhD
		MHSRS-78 Difficult Airway Management for Novice Physicians: A Randomized Trial Comparing Direct and Video-Assisted Laryngoscopy	Ambrosio
		MHSRS-837 Training and retention effects for first-responder competency in cholinergic crisis management	Klotz and Andreatta
		MHSRS-478 Recognition and treatment of nerve agent casualties: evidence of reduced learner engagement during video based training	Bukoski
		MHSRS-891 Just in Time Learning is Effective in Helping First Responders Manage Weapons of Mass Destruction Events.	Motola and Burns
		MHSRS-669 Medical Simulations and Training: Defining Requirements from Frontline SOF Medical Providers to Influence Simulation Development with the Goal of Reducing Capability Gaps for Future Conflicts	Bowling
		MHSRS-560 A Comparison of Two Medical Training Modalities for CAF Medical Technicians: Live Tissue Training and High Fidelity Patient Simulator	Savage
		MHSRS-374 Bridging Combat Casualty Burn Care Education with High Fidelity Human Patient Simulation	Hayes

		MHSRS-1184 Event Driven Surgical Gesture Recognition: Test and Performance Comparison	Gianluca
		<p align="center">Trauma Care - Enroute Care</p> <p align="center">MHSRS-191 Utility of vital signs, heart-rate variability and complexity, and machine learning for identifying the need for life-saving interventions in trauma patients</p> <p align="center">MHSRS-223 Pressure Ulcer Development in Critical Care Air Transport Team Patients: A Case-Control Study</p> <p align="center">MHSRS-337 Can an Intelligent Alerting System Identify Patients with Substantial Bleeding during Transport to a Trauma Center?</p> <p align="center">MHSRS-407 Predicting Blood Transfusion Using Automated Analysis of Pulse Oximetry Waveforms and Lab Values</p> <p align="center">MHSRS-489 Prehospital blood transfusions during aeromedical evacuations of trauma patients in Israel</p> <p align="center">MHSRS-706 Flow Cytometry Analysis of Myeloid Cells After Crush Injury and Simulated Flight</p> <p align="center">MHSRS-733 Biological effects of vibration simulating helicopter transport on spinal cord injured pigs</p> <p align="center">MHSRS-876 En route Use of Parenteral Opioids, Ketamine, and Epidural Analgesia to Treat Pain in Patients Transported out of the Combat Theater by US Air Force Critical Care Air Transport Teams (CCATT)</p>	<p align="center">Moderators Lt Col Jennifer Hatzfeld, USAF and Lt Col Vikhyat Beberta, USAF</p>
		<p align="center">Trauma Care - Blood/Blood Products</p> <p align="center">MHSRS-1000 Thrombus formation and platelet adhesion: A quantitative system to evaluate platelet function in vivo</p> <p align="center">MHSRS-731 Platelets Modulate Vascular Stability in Trauma and Hemorrhage: Assessing the Donor Variability and the Storage Lesion of Platelets</p> <p align="center">MHSRS-433 Magnesium Sulfate Supplementation Promotes the Response of Cold Stored Platelets to Aggregation and Coagulation Stimuli Over Eight Days</p> <p align="center">MHSRS-463 4°C Platelet Storage Reduces Reactive Oxygen Species, Preserves Mitochondrial Function, and Reduces Fibrinolysis</p> <p align="center">MHSRS-594 Syndecan-1 Mediated Gut Protection by Fresh Frozen and Lyophilized Plasma After Hemorrhagic Shock</p> <p align="center">MHSRS-499 A Freeze Dried Plasma alternative to Fresh Frozen Plasma with improved handling to enable point-of-injury care.</p> <p align="center">MHSRS-654 UPDATE - Clinical Development of a Spray Dried Solvent Detergent Treated Plasma</p> <p align="center">MHSRS-587 Whole blood treated with Riboflavin and UV Light: inactivation of malaria parasite and and blood conservation at 4°C</p>	<p align="center">Moderator Heather Pidcoke, MD, PhD</p> <p align="center">Filho</p> <p align="center">Pati</p> <p align="center">Meledeo</p> <p align="center">Bynum</p> <p align="center">Kozar</p> <p align="center">Pareta</p> <p align="center">Galiger</p> <p align="center">Goodrich</p>

		MHSRS-936 Blood product resuscitation is not hemostatic in trauma patients undergoing surgical debridement	Pidcoke
		MHSRS-323 THE EVOLUTION OF PEDIATRIC COMBAT TRANSFUSION PRACTICE	Cannon
		<p align="center">Psychological Health & Rehabilitation & Recovery Sensory Issues - Vision, Hearing & Balance</p> <p align="center">MHSRS-304 Restoration of Sight with Photovoltaic sub-Retinal Prosthesis</p> <p align="center">MHSRS-950 Warfighter Performance and Hearing Preservation: Achieving the Synergy</p> <p align="center">MHSRS-974 A New ANSW2R to the Problem of Neurosensory Polytrauma</p> <p align="center">MHSRS-979 Evaluation of aurally-aided visual search performance for individuals maneuvering on foot</p> <p align="center">MHSRS-1002 Military Medical Research Intelligence: Requirements and Solutions</p> <p align="center">MHSRS-1066 Evaluation and Treatment of Single Sided Deafness</p> <p align="center">MHSRS-1085 UPDATE ON VESTIBULAR EVALUATION AND TREATMENT</p> <p align="center">MHSRS-1101 Tinnitus Re-Organization Training: Combining modulated music with transcutaneous vagal nerve stimulation to alleviate combat-related tinnitus</p> <p align="center">MHSRS-1196 Translational Research: From the Bench to the Battlefield</p>	<p align="center">Moderators CAPT Michael Hoffer, USN, Lynn Henselman, PhD, and LTC James Crawford, USA</p>
1500-1530		Break	Break
1530-1730		Breakout Sessions	Breakout Sessions
		BioInformatics - Supporting Warrior Care	Moderators Francis McVeigh, OD and Lori Loan, PhD
		MHSRS-535 The Impact of a Mobile Messaging System on Case Management Assessment, Contact Rate Requirements and Appointment Reminder Support	Pavlicsak
		MHSRS-387 A Concept Recognition Tool to Identify the Surgical Complications of Crohn's Disease in Electronic Health Records	Dunn
		MHSRS 942 Improving Human Computer Interaction in Electronic Medical Records through Design and Data Visualization	Goranson
		MHSRS-132 Utilization of Telemedicine in the U.S. Military in a Deployed Setting	Meyerle
		MHSRS-282 Developing a Cognitive and Communications Tool for Burn ICU Clinicians	Nemeth
		MHSRS-878 A large-scale mTBI Informatics Database: Fostering Innovation, Research, and Development for mTBI/PTSD	Caban
		MHSRS-768 COPTADS: CLINICAL ONLINE PTSD AND TBI ANALYSIS AND DETECTION SYSTEM	Kagan
		Trauma Care - Hemorrhage Control & Resuscitation	Moderators Michael Dubick, PhD and CAPT Zsolt Stockinger, USN

		MHSRS-67 Junctional Hemorrhage Control: Update on Out-of-Hospital Interventions	Kragh
		MHSRS-319 Pre-hospital Use Of Hemostatic Bandages By The Israeli Defense Force Medical Corps. A Report Of 31 Cases.	Glassberg
		MHSRS-1076 Aortic Hemostasis and Resuscitation: Sequential Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) and Selective Aortic Arch Perfusion (SAAP) in a Swine Model of Severe Hemorrhage and Cardiac Arrest	Manning
		MHSRS-730 FFP and SDP Mitigate the Endotheliopathy of Hemorrhagic Shock (HS) and Trauma Associated Acute Lung Injury (ALI)	Pati
		MHSRS-155 A CONTROLLED RESUSCITATION STRATEGY IS FEASIBLE AND SAFE IN HYPOTENSIVE TRAUMA PATIENTS: RESULTS OF A PROSPECTIVE RANDOMIZED PILOT TRIAL	Schreiber
		MHSRS-1194 Pre-hospital blood products after battlefield trauma: benefit unclear	Smith
		MHSRS-1105 Does TXA matter? Refining indications for its use in the combat trauma population.	Stockinger
		Psychological Health & Rehabilitation & Recovery Psychological Health - Post Traumatic Stress Disorder in Primary Care Settings	Moderator Ronald Hoover, PhD
		MHSRS-954 Collaborative Primary Care for Depression and PTSD in the U.S. Military Health System: Design and Early Findings from STEPS UP, a Multisite Randomized Effectiveness Trial	Engel
		MHSRS-296 Neuropsychiatric Diagnoses Associated with Genitourinary Injury in Male Veterans of OEF/OIF Receiving Care at Veterans Administration Health Care Facilities	Orman
		MHSRS-580 Impact of Posttraumatic Stress Disorder and Inflammation on Somatic Symptoms: A Cross-Sectional Analysis of Combat-Exposed Service Members	Burson
		MHSRS-621 Virtual-Reality Exposure Therapy for Combat-Related PTSD: Examination of Perceived Contraindications and Iatrogenic Effect Trajectories	Beidel
		Psychological Health & Rehabilitation & Recovery Prosthetics & Rehabilitation	Moderators CAPT Lanny Boswell, USN and Ms. Katherine Stout
		MHSRS-63 Blood Flow Restricted Training as a Rehabilitation Modality: A Case Series	
		MHSRS-556 Towards Clinically Viable Neural Control of Powered Lower-Limb Prostheses	
		MHSRS-703 A Bionic Ankle Prosthesis, Odyssey, Restores Powered Push-Off During Walking and Running for Transtibial Amputees	
		MHSRS-725 Using Multiple High-Count Electrode Arrays in Residual Arm Nerves to Restore Sensorimotor Function After Hand Amputation	
		MHSRS-771 Monitoring Energy Expenditure in Amputees: A Prosthetic-Integrated Wearable Sensor System	
1900-2100		Assistant Secretary of Defense (Health Affairs) Reception	Assistant Secretary of Defense (Health Affairs) Reception
Tuesday 19 Aug			
0800-0805		Administrative Remarks	Moderator TBD

0805-0830		<p align="center">Keynote Presentation</p> <p align="center">Sustaining Innovation and Excellence in Military Medicine--The Challenge of Contingency</p>	<p align="center">Brigadier Timothy J. Hodgetts, CBE, PhD, MMed, MBA Medical Director, Joint Medical Command</p>
0830-0845		<p align="center">Training & Skills Sustainment - Combat Casualty Simulation & Training Plenary</p> <p align="center">Competitive Abstract MHSRS-571 Comparing Live Animal & Simulator Alternatives for Training & Assessing Hemorrhage & Airway Procedures in a Tactical Field Situation</p>	<p align="center">Robert M. Sweet, MD, FACS University of Minnesota Minneapolis, MN</p>
0845-0900		<p align="center">Trauma Care - Enroute Care Plenary</p> <p align="center">Competitive Abstract MHSRS-823 Hypoxemia During Aeromedical Evaluation of the Walking Wounded</p>	<p align="center">Col Jay Johannigman, USAFR, MD University of Cincinnati Cincinnati, OH</p>
0900-0915		<p align="center">Psychological Health & Rehabilitation & Recovery Plenary Sensory Issues - Vision, Hearing & Balance</p> <p align="center">Competitive Abstract MHSRS-91 A Retrospective Study of Hearing Thresholds of Acoustic Trauma Patients from OEF/OIF in 2009</p>	<p align="center">LTC D. Scott McIlwain, Au.D. U.S. Army Aeromedical Research Laboratory Ft. Rucker, AL</p>
0915-0930		<p align="center">Trauma Care - Blood/Blood Products Plenary</p> <p align="center">Competitive Abstract MHSRS-1001 Storage of Platelets at 4o in Platelet Additive Solutions Prevents Aggregate Formation & Preserves Platelet Functional Responses</p>	<p align="center">Todd M. Getz, PhD U.S. Army Institute of Surgical Research Fort Sam Houston, TX</p>
0930-1000		<p align="center">Break</p>	<p align="center">Break</p>
1000-1200		<p align="center">Young Investigator Competition</p>	<p align="center">Moderator David Baer, PhD</p>
		<p align="center">Neurotrauma/Traumatic Brain Injury</p> <p align="center">Competitive Abstract MHSRS-761 Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial</p>	<p align="center">Stefania Mondella, MD, MPH, PhD University of Messina Messina, Italy</p>
		<p align="center">Trauma Care - Enroute Care</p> <p align="center">Competitive Abstract MHSRS-828 Evaluation of High-Dose Hydroxocobalamin and Ascorbic Acid as an Injectable Antidote for Carbon Monoxide Poisoning</p>	<p align="center">Lt Joseph D. Roderique, USN, MD Naval Medical Center San Diego San Diego, CA</p>
		<p align="center">Neurotrauma/Traumatic Brain Injury</p> <p align="center">Competitive Abstract MHSRS-775 Moderate and Severe Brain Injury Among Combat Casualties: Secondary Insult Analysis</p>	<p align="center">CPT Donald Keen, USA Brooke Army Medical Center San Antonio, TX</p>
		<p align="center">Human Performance & Occupational Health Injury Prevention - Skeletal & Muscular Injuries</p> <p align="center">Competitive Abstract MHSRS-402 Effectiveness of an Injury Prevention Warm-Up for Unit Physical Training</p>	<p align="center">Capt Joshua D. Shumway, PT, DPT, CSCS David Grant Medical Center Travis Air Force Base, CA</p>
		<p align="center">Trauma Care - Burn & Intensive Care</p> <p align="center">Competitive Abstract MHSRS-900 Nebulized Epinephrine Limits Pulmonary Vascular Hyperpermeability to Water and Proteins in Ovine Burn and Smoke Inhalation Injury</p>	<p align="center">Ernesto Lopez, MD University of Texas Medical Branch Galveston, TX</p>
		<p align="center">Trauma Care - Blood/Blood Products</p> <p align="center">Competitive Abstract MHSRS-1012 Improved Clot Strength of Refrigerated Platelets for Transfusion</p>	<p align="center">Prajeeda Nair, MS The University of Texas at San Antonio San Antonio, TX</p>

		Human Performance & Occupational Health Competitive Abstract MHSRS-340 Can We Predict How Sleep Loss Impairs Human Performance?	Sridhar Ramakrishnan, PhD DoD Biotechnology High Performance Computing Software Applications Institute Telemedicine and Advanced Technology Research Center Ft Detrick, MD
		Neurotrauma/Traumatic Brain Injury Competitive Abstract MHSRS-422 In-Theater mTBI Screening: Normative Versus Baseline ANAM4 Data	Lt Jay Haran, USN, PhD Navy Experimental Diving Unit Panama City Beach, FL
		Competitive Abstract MHSRS-56 A Novel Anatomical and Physiological Scoring System for Military Pelvic and Perineal Blast Injuries Shows Significantly Superior Predictive Outcomes Than Current Scoring Systems; Injury Severity score-ISS, New ISS, Trauma ISS, Revised Trauma Score	Flt Lt Somayyeh Mossadegh, BM, Royal Air Force Royal Centre for Defence Medicine United Kingdom
		Trauma Care - Prehospital & Combat Casualty Care Competitive Abstract MHSRS 351 The Adrenal Response to Injury in Mauritian Cynomolgus Macaques : A Comparison Between Isolated Hemorrhage and Polytrauma Models	CPT Vincente V. Nelson, USA, MD Walter Reed National Military Medical Center Bethesda, MD
		Trauma Care - Burn & Intensive Care Competitive Abstract MHSRS-963 Porcine Large Total Body Surface Area (TBSA) Contact Burn for Investigating Immunomodulators to Reduce Systemic Inflammatory Response Syndrome (SIRS)	David Burmeister, PhD U.S. Army Institute of Surgical Research San Antonio, TX
		Trauma Care - Prehospital & Combat Casualty Care Competitive Abstract MHSRS-52 Design and Development of a Controlled Spinal Cord Impactor for Use in Large Animal Models of Acute Traumatic Spinal Cord Injury	CPT Rory J. Petteys, USAR, MD Johns Hopkins University School of Medicine Georgetown University Hospital Washington, DC
		HOLD	Awaiting Confirmation of Attendance
1200-1300		Lunch	Lunch
1200-1400		Lunchtime Breakout Session Hyperbaric Oxygen Therapy for mild Traumatic Brain Injury DoD Research Project	Moderator CDR Rene Hernandez, USN
1300-1500		Poster Session 1	Poster Session 1
1500-1530		Break	Break
1530-1730		Breakout Sessions	Breakout Sessions
		Training & Skills Sustainment Military Medical Skills Acquisition & Sustainment	Moderators Mr. Harvey Magee and Lori Loan, PhD
		MHSRS-1035 Retention and Retraining of Integrated Cognitive and Psychomotor Surgical Skills	Skinner
		MHSRS-805 Training and retention outcomes from two forms of pediatric and neonatal intubation training	Andreatta and Klotz
		MHSRS-241 Can performance be predicted early on?	Glassberg
		MHSRS-431 Alternative Approach to Establish Inter-Rater Concordance	Hendricks

		MHSRS-513 Preparing Surgeons for Modern Combat Trauma Care: Experience with the Advanced Surgical Skills for Exposure in Trauma (ASSET) Course for Pre-deployment Training	Bowyer
		MHSRS-667 Development of a Trauma Readiness Metric Score for Surgeons	Garafalo and Hu
		MHSRS-719 Effectiveness of hemodynamics simulator in teaching novice trainees the treatment of shock	Frank
		Psychological Health & Rehabilitation & Recovery Psychological Health - Resilience	Moderator Kate Nassauer, PhD
		MHSRS-237 ATTRACTING SUBSTANCE ABUSING SOLDIERS TO VOLUNTARILY TAKE STOCK OF THEIR USE: PRELIMINARY OUTCOMES FROM THE WARRIOR CHECK-UP MET INTERVENTION	
		MHSRS-411 Job Interview Training Simulation Builds Skills and Confidence to Help Veterans Reintegrate	
		MHSRS-439 Post-deployment Issues of National Guard: A Comparative Case Study of how Access to VA Benefits Affect Reintegration with Family and Civilian Employment	
		MHSRS-1049 Annual Fitness Test Performance and Mental Health Outcomes in US Marines	
		MHSRS-1198 Comprehensive Soldier and Family Fitness (CSF2) Program Evaluation Initiatives	
		Physiologic Monitoring	Moderators Victor Convertino, PhD and Jaques Reifman, PhD
		MHSRS-320 Characterization of the changes in Compensatory Reserve Index during major bleeding in porcine model	Glassberg
		MHSRS-338 Can Prehospital Vital Signs Help Identify Traumatic Brain Injury?	Reisner
		MHSRS-445 Utility of a Near-Infrared Reflectance Spectroscopy Oximeter in Shock	Wood
		MHSRS-707 Cardiac Output Monitoring Managing Intravenous Therapy (COMMIT) to Resuscitate Emergency Department Severe Sepsis	Shapiro
		MHSRS-893 Wearable Sensing and Machine Learning for Human Physical Activity Assessment	Liu
		MHSRS-1108 Laser speckle-based microvascular blood flow monitoring for critical care	Ostraverkhov
1530-1800		Expeditionary & Sea Based Care & Global Disaster Response	Moderators Wayman Cheatham, MD and Elon Glassberg, MD
		MHSRS-47 THE POTENTIAL OF PORTABLE OXYGEN CONCENTRATORS TO PROVIDE OXYGEN FOR REMOTE DIVING CASUALTIES	Fothergill
		MHSRS-258 Extending a helping hand over a hostile border –Unique ethical dilemmas involving the humanitarian aid mission to the victims of the Syrian civil war	Nadler
		MHSRS-562 Exploratory Laparotomy for Proximal Vascular Control Is Associated With Significant Morbidity In Combat Trauma	Glaser

		MHSRS-577 Ratio Driven Resuscitation Predicts Early Fascial closure in The Combat Wounded	Glaser
		MHSRS-722 Differential Impact of General and Deployment-Specific Stressors on Marines' Mental Health Outcomes	McWhorter
		MHSRS-907 Oral vs. IV Hydration in Rhabdomyolysis	Madsen
		MHSRS-772 Medical evacuations from the United States Navy Submarine Fleet: January 2012 through December 2013	Welsh
1800-2000		Poster Session 2	Poster Session 2
1900-2100		USN/Marine Corps Service Breakout	USN/Marine Corps Service Breakout
Wednesday 20 Aug			
0800-0805		Administrative Remarks	Moderator TBD
0805-0830		Keynote Presentation (Title TBD)	Charles L. Rice, MD President, Uniformed Services University of the Health Sciences
0830-0845		Competitive Abstract MHSRS-370 Safe, Effective, and Secure Medical Products - New Ways of Collaborating with the Food and Drug Administration	Suzanne Schwartz, MD MBA Director Emergency Preparedness/Operations and Medical Countermeasures, Office of the Center Director, Center for Devices and Radiological Health Food and Drug Administration
0845-0900		Expeditionary & Sea Based Care & Global Disaster Response Invited Talk (Title TBD)	Invitation Sent HOLD
0900-0915		Psychological Health & Rehabilitation & Recovery Plenary Prosthetics & Rehabilitation Competitive Abstract MHSRS-520 Fall Prevention Training for Warfighters w/Lower Extremity Amputations	Kenton R. Kaufman, PhD, PE Mayo Clinic Rochester, MN
0915-0930		Trauma Care - Hemorrhage Control & Resuscitation Plenary Competitive Abstract MHSRS-740 Tactical CCC Guidelines Recommending Hetastarch Use at POI Do Not Require Revision	COL Kirby R Gross, USA, MD Joint Trauma System San Antonio, TX
0930-0945		Bioinformatics - Supporting Warrior Care Plenary Competitive Abstract MHSRS-217 The Power of Mobile: Enabling the Medical War Fighter Today and in the Future	COL Daniel R. Kral, USA, MS Telemedicine and Advanced Technology Research Center Ft Detrick, MD
0945-1000		Trauma Care - Prehospital & Tactical Combat Casualty Care Plenary Competitive Abstract MHSRS-705 Early In-Theatre Management of Combat Related TBI: A Prospective, Observational Study to Identify Opportunities for Performance Improvement	Col Raymond Fang, USAF, MD US Air Force Center for Sustainment of Trauma and Readiness Skills Baltimore, Maryland
1000-1030		Break	Break
1030		Administrative Remarks	Moderator
1030-1045		Psychological Health & Rehabilitation & Recovery Plenary Post Traumatic Stress Disorder in Primary Care Settings Competitive Abstract MHSRS-767 Cerebral Glucose Metabolism During Wake & Sleep Predicts response to Praosin in Military Veterans with PTSD	Anne Germain, PhD University of Pittsburgh Pittsburgh, PA

1045-1100		<p>Trauma Care - Burn & Intensive Care Plenary</p> <p>Competitive Abstract MHSRS-230 Impact of Anemia in Critically Ill Burned Casualties Evacuated From Combat Theatre Via CCATT</p>	<p>Maj Joshua A. Hamilton, USAF, MD San Antonio Uniformed Services Health Education Consortium San Antonio, TX</p>
1100-1115		<p>Psychological Health & Rehabilitation & Recovery Plenary Resilience</p> <p>Competitive Abstract MHSRS-80 Sexual Trauma & Adverse Health & Military Occupational Outcomes of Women Serving in the US Military</p>	<p>LDCR Jeffrey Millegan, MD, PhD, USN Naval Medical Center San Diego San Diego, CA</p>
1115-1130		<p>Neurotrauma/Traumatic Brain Injury Plenary</p> <p>Competitive Abstract MHSRS-1163 Pathobiology of Impact Concussion & Sequelae in a Mouse Model of mTBI</p>	<p>Lee Goldstein, MD NIH Alzheimer's Disease Center, Boston University Boston, MA</p>
1130-1145		<p>Psychological Health & Rehabilitation & Recovery Plenary Suicide</p> <p>Competitive Abstract MHSRS-94 Brief Cognitive Behavioral Therapy Reduces Post Treatment Suicide Attempts in a Military Sample - Results of a Two Year Randomized Clinical Trial</p>	<p>M. David Rudd, PhD, ABPP University of Memphis Memphis, TN</p>
1145-1200		<p>Human Performance & Occupations Health Plenary Human Performance Research</p> <p>Competitive Abstract MHSRS-1201 Brain Injury: Relationship to Military Occupational Hypobaric Exposure</p>	<p>Stephen McGuire, MD University of Texas Health Science Center San Antonio, TX</p>
1200-1300		Lunch	Lunch
1200-1300		<p>Lunchtime Breakout Session</p> <p>Ft Benning Study (Methicillin Resistant Staphylococcus Aureus/Skin & Soft Tissue Injury)</p>	<p>Moderator CDR Gail Chapman, USN</p>
1300-1500		Breakout Sessions	Breakout Sessions
		<p>Human Performance & Occupational Health Human Performance Research</p> <p>MHSRS-96 Biomechanical Differences of the Warfighter When Wearing Load-Distributing Personal Protective Equipment Compared With Traditional Gear</p> <p>MHSRS-106 A National Survey of Call-Shift Fatigue Experiences in Certified Registered Nurse Anesthetists</p> <p>MHSRS-235 Effects of U.S. Navy diver training on physiological parameters, time of useful consciousness, and cognitive performance during periods of normobaric hypoxia.</p> <p>MHSRS-384 AMES enhances movement performance in both impaired and able-bodied adults</p> <p>MHSRS-544 An Evidence-Based Wellness and Safety Program Enhances the Performance Triad.</p> <p>MHSRS-701 Integrated operational tools to monitor for warfighter fatigue</p> <p>MHSRS-765 Sleep deprivation decreases Fear Conditioned Skin Conductance Levels</p> <p>MHSRS-1026 The SHIELD (Safety & Health Improvement: Enhancing Law Enforcement Departments) Study: A New Health Enhancement Model For Active and Retired Military Personnel</p>	<p>Moderators Rodger VanderBeek, MD and Valerie Trabosh, PhD</p>

		MHSRS-1064 The Effects of Distraction, Restraints, Training, and Seat Location on Vehicle Egress Time	
		<p align="center">Trauma Care - Extremity Trauma & Limb Regenerative Research</p> <p align="center">MHSRS-182 Near-Infrared Spectroscopy in the Sub-Acute Setting of Lower Extremity Trauma</p> <p align="center">MHSRS-344 Contaminated Open Fracture Wounds are Hypovascular but Hyperperfused</p> <p align="center">MHSRS-436 Effect of Grafting Materials on Bone Healing in a Chronic Caprine Tibial Defect Model</p> <p align="center">MHSRS-453 The Military Orthopaedic Trauma Registry: Quality Data Now Available</p> <p align="center">MHSRS-877 LOCAL INFLAMMATORY RESPONSE MAY BE AFFECTED BY DISTANT TRAUMA IN COMBAT-RELATED EXTREMITY WOUNDS</p> <p align="center">MHSRS-962 The lessons of war: Turning medical data into clinical decisions.</p> <p align="center">MHSRS-1024 Factors influencing infection in 10-years of combat open tibia fractures</p> <p align="center">MHSRS-1200 Translational Autologous Approaches for Regeneration of Skeletal Muscle</p>	<p>Moderators COL Romney Andersen, USA and Joseph Wenke, PhD</p>
		American College of Surgeons Committee on Trauma Region 13 Resident Presentations	<p>Moderator Col Jeff Bailey, USAF</p>
		<p align="center">Basic Science Category ADMINISTRATION OF FTY720 DURING TOURNIQUET-INDUCED HIND LIMB ISCHEMIA-REPERFUSION INJURY ATTENUATES MORBIDITY AND MORTALITY</p>	CPT Jonathan J. Sexton, MD, USA
		<p align="center">Clinical Science Category Early Complications and Outcomes in Combat Injury-Related Invasive Fungal Infections: A Case-Control Analysis.*</p>	LT Louis Lewandowski MD, USN
		<p align="center">Clinical Science Category A SIMPLIFIED TRAUMA TRIAGE SYSTEM SAFELY REDUCES OVERTRIAGE AND IMPROVES PROVIDER SATISFACTION: A PROSPECTIVE STUDY</p>	CPT Robert, R. Shawhan MD, USA
		<p align="center">Clinical Science Category The Transfusion Effect Revisited – The Impact of Deceased Organ Donor Blood Transfusions on the Outcomes of 1990 Renal Grafts</p>	J. Salvador Y de la Cruz, MD Veterans Administration
		<p align="center">Clinical Science Category Training and Skills Sustainment - Combat Casualty Simulation and Training - A Comparison of Two Medical Training Modalities for CAF Medical Technicians: Live Tissue Training and High Fidelity Patient Simulator</p>	Capt Dylan Pannell MD Canadian Forces
		Trauma Care - Prehospital & Tactical Combat Casualty Care	<p>Moderators LTC Robert Mabry, USA and Sylvain Cardin, PhD</p>
		<p align="center">MHSRS-557 Rapid sequence induction of anaesthesia via the intraosseous route: a prospective observational study</p>	Barnard
		<p align="center">MHSRS-399 Evaluation of Junctional Tourniquets in a Care Under Fire Exercise: Feedback Regarding Application and Practical Use</p>	Shackleford

		MHSRS-218 Evaluation of hydroxocobalamin compared to Hextend® for resuscitation of type III hemorrhage in a swine model	Bebarta
		MHSRS-1157 Prospective Study of Ketamine During Tacevac	Rush
		MHSRS-842 Feedback to the Field: Linking Postmortem Observations to Tactical Combat Casualty Care	Mazuchowski
		MHSRS-240 Role I trauma experience of the Israeli Defense Force on the Syrian Border	Glassberg
		MHSRS-913 Battlefield Trauma Care Documentation at the Point of Injury	Gross
		MHSRS-75 Implementation of a Joint Trauma System Pre-hospital Trauma Registry in Afghanistan: Cracking the Code on Data Capture for Tactical Combat Casualty Care	Geracci
		MHSRS-358 Identifying DOTmLPP-P Challenges in Operation ENDURING FREEDOM to Assure High Quality and Predictable Combat Capability in the Delivery of Pre-Hospital and Tactical Combat Casualty Care – Examples from the Afghanistan Campaign.	Sauer
1500-1530		Break	Break
1530-1730		Breakout Sessions	Breakout Sessions
		<p>Human Performance & Occupational Health Environmental/Occupational Health Hazards</p> <p>MHSRS-44 Neutrophils Generate Microparticles Following Exposure to Inert Gases Due to Cytoskeletal Oxidative Stress</p> <p>MHSRS-184 Novel Biomarkers for the Determination of Heat Stroke Severity</p> <p>MHSRS-202 A new rapid field assessment of heat stroke severity using cTnI point-of-care test strips</p> <p>MHSRS-295 Alteration in Circulating Metabolites During and After Heat Stress in the Conscious Rat: Potential Biomarkers of Exposure and Organ-Specific Injury</p> <p>MHSRS-467 A mobile application for prediction of acute mountain sickness, work performance, and altitude acclimatization</p> <p>MHSRS-517 HEAT STROKE, RETURN TO DUTY STATUS, AND THE IMPACT OF HEAT TOLERANCE TESTING</p> <p>MHSRS-917 Establishment of a model for investigating the impact of combined environmental and psychological stressors.</p> <p>MHSRS-1059 Chronic CO2 retention induces gastroesophageal lesions in rats</p>	<p>Moderator David Jackson, PhD</p>
		Trauma Care - Craniofacial Trauma & Face Regenerative Research	<p>Moderators Lt Col Michael Davis, USAF and Brian Pfister, PhD</p>

		<p>MHSRS-205 LOCALIZED LOW DOSE rhBMP-2 IS EFFECTIVE AT PROMOTING BONE REGENERATION IN A PRE-CLINICAL MANDIBULAR SEGMENTAL DEFECT MODEL</p> <p>MHSRS-373 Repair of Rat Calvarial Critical Size Defects with Endothelial and Osteocyte Differentiated Adipose-derived Stem Cells</p> <p>MHSRS-491 Collagen-based Biomask as a Promising Skin Graft for Facial Burn</p> <p>MHSRS-578 Face Transplantation In A Highly Sensitized Recipient</p> <p>Adipose stem cells are able to substitute for fibroblasts and support keratinocyte proliferation and survival on a collagen matrix</p> <p>MHSRS-718 Structural Fat Grafting for Craniofacial Trauma: A Project of the Biomedical Translational Initiative</p> <p>Subdermally applied drug eluting micro-particles delay acute rejection Within Vascularized Composite Allotransplant grafts</p> <p>MHSRS-752 Subtotal nasal reconstruction: A case highlighting military and civilian collaboration to achieve an optimal restorative outcome.</p> <p>MHSRS-862 The Evolution of Structural Fat Grafting and Potential Military Applications</p> <p>MHSRS-1197 Use of Mercury in Dental Applications</p>	
		<p>Are the King's Clothes Tattered? The Value Graduate Medical Education Research</p>	<p>Moderators Woodson Scott Jones, MD and CAPT Eric Elster, USN</p>
		Military GME Research: The Opportunities	Kellerman
		Research and GME: Challenges/Accreditation	Jones
		Ingredients for Successful GME Research	Elster
		Intentional Mentorship of Research Faculty	Murray
		The Next Generation: Resident Research Success Stories	Borgman and Forsberg
		Panel discussion	Rice, Kellermann and Speakers
		<p>Trauma Care - Burn & Intensive Care</p> <p>MHSRS-68 A Multicenter, Randomized Clinical Trial of Intravenous Iron Supplementation for Anemia of Traumatic Critical Illness</p> <p>MHSRS-713 Determinants of Mortality in Combined Burn/Trauma Injuries: Size Makes a Difference</p> <p>MHSRS-728 Pulmonary Emboli and Deep Vein Thromboses: Are They Always a Part of the Same Disease Spectrum?</p>	<p>Moderators Col Jeremy Cannon, USAF and Jose Salinas, PhD</p>

		<p>MHSRS-795 Determination of the Optimal Delirium Screening Tool for Burn Intensive Care Unit Patients</p> <p>MHSRS-817 Full-Thickness Burn Size: More Important Than Total Burn Size in Determining Fluid Needs during Burn Resuscitation?</p> <p>MHSRS-970 Does Creatinine Kinase Predict Renal Failure in Combat Casualties</p> <p>MHSRS-1025 Prospective Multicenter Randomized Skin Graft Cover Dressing Clinical Trial</p> <p>MHSRS-1037 Burn Intensive Care Unit Multidisciplinary Approach Facilitates Adult Extracorporeal Life Support Therapy</p> <p>MHSRS-1107 The Center for Devices and Radiological Health (CDRH) Autonomous Critical Care (ACC) Medical Countermeasures (EMCM) Initiative: Leveraging Regulatory Science to Enable the Advancement & Integration of Critical Care Technologies</p>	
1800-2000		<p>By Invitation Only</p> <p>Combat Casualty Care Research Program Integrating Integrated Product Team Meeting</p>	<p>Moderator Col Todd Rasmussen, USAF</p>
1800-2100		<p>Open Special Evening Session</p> <p>Technology Enabled Capabilities Demonstration; Brain in Combat & Environmental Sensors in Training Macro Study Issues and Discussion</p>	<p>Moderators MAJ Elaine Paszkowski, USA LTC Chesley Atchison, USA</p>
Thursday, 21 Aug			
0800-0830		Awards Ceremony	Col Hack
830		Administrative Remarks	Moderator (TBD)
0830-0855		Keynote Presentation (Title)	CAPT Carmen T. Maher, USPHS Deputy Director, Office of Counter Terrorism and Emerging Threats Food and Drug Administration
0855-0910		<p>Infectious Disease & Complications Plenary Infectious Disease Research & Development</p> <p>Competitive Abstract MHSRS-100 The ARMoR Program: DoD's Response to Escalating Antimicrobial Resistance</p>	<p>COL Emil P. Lesho, USA Walter Reed Army Institute of Research Forest Glen, MD</p>
0910-0925		<p>Infectious Disease & Complications Plenary Wounds/Skin/Soft Tissue Infections</p> <p>Competitive Abstract MHSRS-1081 A Handheld Fluorescence Imaging Device for Assessment of Chronic Wound Infections: Pilot Clinical Results</p>	<p>Catherine Theodoropoulos, PhD MolecuLight Inc. Toronto, Canada</p>
0925-0940		<p>Human Performance & Operational Health Plenary Injury Prevention - Sensory & Musculoskeletal Injuries</p> <p>Competitive Abstract MHSRS-69 Impulse Noise Injury Model</p>	<p>Philemon Chan, PhD L-3 Communications San Diego, CA</p>
0940-1000		Break	Break
1000-1200		Breakout Sessions	Breakout Sessions
		<p>Human Performance & Occupational Health Injury Prevention - Sensory & Musculoskeletal Injuries</p>	<p>Moderator Richard Shoge, PhD</p>

		<p>MHSRS-83 An interim LAeq8 criterion for impulse noise injury</p> <p>MHSRS-216 Dynamic Response Index is not a suitable predictor of spinal injury risk in underbelly blast</p> <p>MHSRS-228 Biomechanics-based predictions of recruit injury and performance outcomes during US Army Basic Combat Training</p> <p>MHSRS-396 COMPARISON OF INJURY INCIDENCE BETWEEN THE T-11 ADVANCED TACTICAL PARACHUTE SYSTEM AND THE T-10 PARACHUTE</p> <p>MHSRS-620 Non-Invasive Detection of Musculoskeletal Injuries: Use of Raman and Diffuse Reflectance Spectroscopy in Mice.</p> <p>MHSRS-801 Advanced Hearing Protection Requirements</p> <p>MHSRS-1034 Blast Wave Pressure Dynamics at the Cornea as a Function of Eye Protection</p> <p>MHSRS-1152 Hierarchical Development of Biomedically Validated Human Computational Models for Injury Prediction</p>	
		<p>Neurotrauma/Traumatic Brain Injury Session TBD</p> <p>MHSRS-99 Impairment of Olfactory Performance in Combat Troops Diagnosed with Traumatic Brain Injury: Prospective Controlled Study</p> <p>MHSRS-110 Postural Sway Metrics after Concussion; Implications for Balance Testing</p> <p>MHSRS-135 Evaluation of an Operational Return-to-Duty Assessment Program: Preliminary Assessment of the Construct Validity using an Archived Database of Clinical Data</p> <p>MHSRS-220 The Natural History of Acute Recovery of Blast-induced Mild Traumatic Brain Injury: A Case Series During War</p> <p>MHSRS-232 Predictors of Mental Health Outcomes of Mild Traumatic Brain Injury: Concussion Clinics in Afghanistan</p> <p>MHSRS-355 Can "return to play" be predicted from brain electrical activity at time of concussive injury in athletes?</p> <p>MHSRS-528 MULTICENTER COMPARISON OF FIVE THERAPIES REVEALS THERAPEUTIC POTENTIAL FOR LEVETIRACETAM: STUDIES FROM OPERATION BRAIN TRAUMA THERAPY</p> <p>MHSRS-575 Multiple Past Concussions Are Associated with Ongoing Symptoms but not Cognitive Impairment in Active Duty Army Soldiers</p> <p>MHSRS-584 The Effects of Combat-related Mild Traumatic Brain Injury: Does Blast mTBI History Matter?</p>	<p>Moderators Kenneth Curley, MD and Crystal Hill-Prior, PhD</p>

		<p>MHSRS-615 Histopathological changes and cognitive deficits following closed-head concussive injury in rats</p> <p>MHSRS-679 Chronic Post Concussive Symptoms in Soldiers Returning from Service in Iraq or Afghanistan and at 3 Months Follow-Up: A Prospective Cohort Study</p> <p>MHSRS-714 Is Simple Reaction Time the Best Indicator of White Matter Disruption in Service Members with Invisible Wounds of War?</p> <p>MHSRS-743 Evaluating the effectiveness of (early) psycho-educational intervention for military personnel with mild traumatic brain injury: A cohort study.</p> <p>MHSRS-853 Visualizing "Invisible Wounds" and Developing Therapeutic Approaches for Blast-wave-induced Mild TBI</p> <p>MHSRS-859 The Isobolic Approach to Combination Drug Therapy Development for Traumatic Brain Injury</p> <p>MHSRS-867 THE BRAIN INJURY GUIDELINES:A PROSPECTIVE ANALYSIS</p> <p>MHSRS-885 In vivo Two-photon Imaging Revealed Abnormal Cerebral Microcirculation Following Mild Traumatic Brain Injury</p> <p>MHSRS-944 TEAM TBI: Diagnosis of White Matter Damage with High Definition Fiber Tracking in Patients with Chronic TBI</p> <p>MHSRS-956 Differences in symptom severity in mTBI patients with and without PTSD</p> <p>MHSRS-1004 Neuroradiology Findings in a Cohort of Military Service Members with Traumatic Brain Injury</p>	
		Infectious Disease & Complications Wounds/Skin/Soft Tissue Infections	Moderator LTC Wendy-Sammons-Jackson, USA
		<p>MHSRS-107 CHD-FA is a highly effective topical broad-spectrum antimicrobial for drug-resistant wound infections</p>	Perlin
		<p>MHSRS-335 Mathematical Models Can Identify Biomarkers and Mechanisms of Chronic Wound Inflammation</p>	Mitrophanov
		<p>MHSRS-536 Monoclonal antibody made against the Type Six Secretion System of Acinetobacter baumannii can protect from infection and be used as a diagnostic</p>	Zurawski
		<p>MHSRS-581 Infection reduction observed in first-in-man use of a novel blood plasma-based biomaterial treatment for open tibia fractures</p>	J. Smith
		<p>MHSRS-641 Early Complications and Outcomes in Combat Injury Related Invasive Fungal Wound Infections: A Case-Control Analysis</p>	Lewandowski
		<p>MHSRS-918 Evaluation of a Bioelectric Dressing as the Next Generation Wound Care Product</p>	Izadjoo
		Training & Skills Sustainment Military-Civilian Training & Sustainment Platforms	Moderators Col Raymond Fang, USAF and CAPT Eric Elster, USN

			<p>Fang</p> <p>Seeley</p> <p>Putnam</p> <p>Carlton</p> <p>Navy LA USC</p> <p>Blueprint project rep (Rehig or Ritter)</p>
1200-1300		Lunch	Lunch
1200-1300		Lunchtime Breakout Session Trauma, Infection, Disease Outcomes Studies	Moderator LTC Wendy Sammons-Jackson, USA
		MHSRS-328 Impact of the Nasal Microbiome on the Development of Staphylococcal Skin and Soft-Tissue Infections at Fort Benning	Johnson
		MHSRS-533 Epidemiology of Skin and Soft-Tissue Infections in Trainees at Fort Benning	Ellis
		MHSRS-570 Lessons of War: Combat-related Injury Infections during the Vietnam War and Operation Iraqi and Enduring Freedom (OIF/OEF)	Murray
		MHSRS-630 Risk factors for infection in combat casualties from Iraq and Afghanistan	Tribble
		MHSRS-700 Tranexamic Acid Administration and Infection Risk in Combat Casualties	Lewis
1300-1500		Breakout Sessions	Breakout Sessions
		Psychological Health & Rehabilitation & Recovery Psychological Health - Suicide	Moderator Kate Nassauer, PhD
		MHSRS-93 Improving the detection and prediction of suicidal behavior among military personnel by measuring suicidal beliefs: an evaluation of the Suicide Cognitions Scale	
		MHSRS-196 A Virtual Hope Box Smartphone App as an Accessory to Therapy: Proof of Concept in a Clinical Sample of Veterans	
		MHSRS-519 Optimizing Screening and Risk Assessment for Suicide Risk in the U.S. Military	
		MHSRS-871 Management of Suicide-Related Events during Deployment	
		MHSRS-978 Post Admission Cognitive Therapy (PACT) for the Inpatient Treatment of Military Personnel with Suicide-Related Ideation and Behavior	
		Neurotrauma/Traumatic Brain Injury	Moderators Kenneth Curley, MD and CDR Rene Hernandez, USN

		<p style="text-align: center;">Infectious Disease & Complications Infectious Disease Research & Diagnostics</p> <p style="text-align: center;">MHSRS-413 Combating Staphylococcal Skin and Soft-Tissue Infections in Trainees at Fort Benning</p> <p style="text-align: center;">MHSRS-487Dramatic Decline of Respiratory Illness Among US Military Recruits After the Renewed Use of Adenovirus Vaccines</p> <p style="text-align: center;">MHSRS-634 Environmental factors associated with the presence of mold: potential risk factors for combat-trauma related invasive fungal wound infections</p> <p style="text-align: center;">MHSRS-865 Lateral Flow Rapid Test for Diagnosis of Scrub Typhus – A Febrile Illness of Historical Military Importance In The Pacific Rim</p> <p style="text-align: center;">MHSRS-916 Changing the Way the DoD Performs Pathogen Surveillance: The Results of the Analysis of MERS-CoV in the Military Population</p> <p style="text-align: center;">MHSRS-931 Intra-operative dip-coating of orthopedic hardware prevents biofilm formation and supports fracture healing in a large animal model.</p> <p style="text-align: center;">MHSRS-1046 Unit Practice Council Successful Efforts for Implementing Use of Alcohol Port Protectors</p>	<p style="text-align: center;">Moderator CDR Gail Chapman, USN</p>
		<p style="text-align: center;">Pain Management - Acute & Chronic Pain Management</p> <p style="text-align: center;">MHSRS-133 Treatment of Post-traumatic Neuropathic Pain and Complex Regional Pain Syndrome I (CRPS-I) by Decreasing Neuroinflammation via Modulation of the Glial Cannabinoid Type 2 (CB2) Receptor with a Novel Compound (MDA7)</p> <p style="text-align: center;">MHSRS-290 Traumatic brain injury modulates key neurochemicals with reciprocal interactions in the pain pathway</p> <p style="text-align: center;">MHSRS-424 Prehospital Pain Medication Use by U.S. Forces in Afghanistan</p> <p style="text-align: center;">MHSRS-506 Opioid-sparing therapeutic regimen for traumatic and neuropathic pain.</p> <p style="text-align: center;">MHSRS-638 EFFECT OF THE NOCICEPTIN/ORPHANIN FQ PEPTIDE RECEPTOR ANTAGONIST JTC-801 ON CYTOKINE EXPRESSION, PAIN AND ANXIETY FOLLOWING EXPOSURE TO THE SINGLE PROLONGED STRESS MODEL OF PTSD</p> <p style="text-align: center;">MHSRS-690 Pharmacological studies of NOP-related agonists as novel analgesics in nonhuman primates</p> <p style="text-align: center;">MHSRS-1042 Antinociceptive Effects of $\alpha 9\alpha 10$ Nicotinic Acetylcholine Receptor ($\alpha 9\alpha 10$ nAChR) Antagonists in a Thermal Injury-induced Full-thickness Rat Pain Model</p> <p style="text-align: center;">MHSRS-1102 Preemptive bupivacaine treatment blocks long-term allodynic responses in a rat spinal nerve ligation model for neuropathic pain</p>	<p style="text-align: center;">Moderators Marcie Fowler, PhD and Tony Gover, PhD</p>
1500		MHSRS 2014 Ends	MHSRS 2014 Ends
Friday, 22 August			
0800-1630		By Invitation Only The Technical Cooperation Panel-12/North American Treaty Organization	Moderator Michael Dubick, PhD