

Agenda

(as of 23 August; subject to change)



Sunday, 11 September

1500-1900

REGISTRATION
(City Hall Lobby)

Monday, 12 September

0600-1930

REGISTRATION
(City Hall Lobby)

0630-0830

BREAKFAST
(Florida EF)

0800-1145

PLENARY SESSION
(Osceola Ballroom)

0800-0810

Color Guard & National Anthem

0810-0815

Welcome

0815-0825

Ms. Seileen Mullen
Acting Assistant Secretary of Defense for Health Affairs

0825 -0835

Terry M. Rauch, Ph.D.
Acting Deputy Assistant Secretary of Defense for Health Readiness, Policy and Oversight

0835-0845

Jonathan Woodson, M.D., MSS, F.A.C.S.
President, Uniformed Services University of the Health Sciences

0845-0855

LTG Ronald J. Place, USA
Director, Defense Health Agency

0855-0905

BG Katherine A. Simonson, USA
Transitioning, Assistant Director Support, Defense Health Agency

0905-0920

Senior Leader Question and Answer

0925-0945

2022 MHSRS Awards

0945-1015

Break

1015-1045

SFC Luke A. Sciuilli, USA

1045-1115

John B. Holcomb, M.D., F.A.C.S.
Professor of Surgery, University of Alabama at Birmingham, Birmingham, AL and
Uniformed Services University of the Health Sciences, Bethesda, MD

1115-1145

Howie Choset, Ph.D.
Professor of Robotics, Carnegie Mellon University, Pittsburgh, PA

Artur W. Dubrawski, Ph.D.
Alumni Research Professor of Computer Science, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA

1145-1330

Networking Lunch

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1330-1800	BREAKOUT SESSIONS			
	Sun A	Desoto	Sun B	Sun C123
One-Hour Session 1330-1430	Below Zero Medicine Research Ronald W. Matheny, Jr., Ph.D. Moderator	Novel Interventions for Non-pharmacological Pain Management Henry Nothnagel, Ph.D. Moderator	Advances in Blast-Induced Neurotrauma and Battlefield Treatments Michael J. Urban, Ph.D. Moderator	Pathophysiology of Combined Traumatic Injury David M. Burmeister, Ph.D. Cullen Case, MPA Moderators
	Sun D456	Suwannee	Lafayette	
One-Hour Session 1330-1430	Solutions to Promote Resilience and Mitigate Acute Stress in the Face of Trauma and Mass Casualty Events Ronda J. Renosky-Vittori, Ph.D. Moderator	Human and Machine Co-Learning Erin McCormick Moderator	U.S. DoD Warfighter Brain Health Initiative: The Future Strategy for Traumatic Brain Injury Care and Research Katherine Lee, M.S. CAPT Travis Polk, USN Moderators	
1430-1500	BREAK (Sun and Osceola Foyers)			
	Desoto	Suwannee	Sun D456	Sun B
Three-Hour Session 1500-1800	SARS CoV-2 Therapeutics and Diagnostics Col Vikhyat Bebart, USAF Reserve IMA Moderator	Improving Warfighter Readiness and Performance through Health Services Research Tracey K. Koehlmoos, Ph.D. Moderator	1500-1600 Reducing Death From Injury: Timing is Everything and Other Lessons Never Too Late to Learn Col Stacy A. Shackelford, USAF Moderator 1600-1800 Case Records of the Joint Trauma System COL Jennifer M. Gurney, USA John Holcomb, M.D. Moderators	Treatment Strategies Following Musculoskeletal Injury Brad D. Isaacson, Ph.D. Elizabeth Russell Esposito, Ph.D. Brad D. Hendershot, Ph.D. Linzie Wagner, PMP, CRA Moderators
	Sun C123	Sun A	Lafayette	
Three-Hour Session 1500-1800	Antimicrobial Development to Counter Wound Infections in Military Personnel CDR Mark P. Simons, USN Ms. Elizabeth Chipriano, M.S. Moderators	Advanced Decision Support and Automation Technologies to Support Combat Casualty Care in Future Multi-Domain Operations Jose Salinas, Ph.D. Nathan Fisher, M.S. Moderator	Novel Clinical Assessments and Interventions for mild Traumatic Brain Injury Michael J. Roy, M.D., MPH Sarah Fontaine, Ph.D. Moderators	
1800-2100	PRINCIPAL DEPUTY ASSISTANT SECRETARY OF DEFENSE (HEALTH AFFAIRS) RECEPTION			
	OPENING OF EXHIBITS (Exhibit Hall - Florida A-D)			

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Tuesday, 13 September

0600-1800	REGISTRATION (City Hall Lobby)			
0630-0830	BREAKFAST (Florida EF)			
0800-1000	BREAKOUT SESSIONS			
	Sun C123	Sun B	Suwannee	Lafayette
Two-Hour Session 0800-1000	Mitigating Bloodborne Infection Risk in Large Scale Combat Operations COL Julie Ake, USA MAJ Baishali Kanjilal, USA Moderators	Advances in Prolonged Care Kimberly Pope, Ph.D. Sylvain Cardin, Ph.D. Moderators	Pain Management for the Future Fight COL Thomas Stark, USA Jelena M. Janjic, Ph.D. Moderators	Expeditionary Eye Care COL Scott McClellan, USA Whitney A. Greene, Ph.D. Moderators
	Sun D456	Desoto	Sun A	
Two-Hour Session 0800-1000	Clinical Practice Guidelines for Behavioral Health Interventions in Forward Locations for Non-Specialty Providers Fuad Issa, M.D., FAPA Sharmila A. Chari, Ph.D. Moderators	Advances in Warfighter Nutrition Lee M. Margolis, Ph.D. Moderator	Injury Biomechanics and Prevention for Military Applications Frederick Brozoski, M.S. Moderator	
0900-1800	EXHIBITS (Exhibit Hall - Florida A-D)			
1000-1030	BREAK (Exhibit Hall - Florida A-D)			
1000 - 1200	POSTER SESSION 1 (Exhibit Hall - Florida A-D)			
1130-1330	LUNCH (Florida EF)			
1300-1730	BREAKOUT SESSIONS			
	Sun A	Lafayette	Sun C123	Suwannee
Two-Hour Session 1300-1500	Scientific Abstract PLenary SESSION Farrukh Rizvi, Ph.D. Moderator	Development of New Front Line Therapies to Prevent & Treat Endemic Viral Diseases (non SARS CoV-2) John Dye, Ph.D. Moderator	Emerging Technologies for Treatment of Non-compressible Torso Hemorrhage Sylvain Cardin, Ph.D. Moderator	Integrative Prevention Approaches to Decrease Harmful Behaviors and Increase Service Member Psychological Health, Readiness, & Performance MAJ Karmon D. Dyches, USA MAJ(P) Matthew LoPresti, USA Moderators

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	Sun B	Desoto	Sun D456	
Two-Hour Session 1300-1500	Advances in Regenerative Medicine Therapies for Treatment of Neuromusculoskeletal Injuries: Enabling Enhanced Functional Outcomes Judi A. Sgambato, Ph.D. Moderators	What's New in Airway Science and Technology MAJ Steven Schauer, USA Moderator	Defense Health Program and U.S. Army Medical Research Funding Opportunities Rebecca A. Fisher, Ph.D. Moderator	
1500-1530	BREAK (Exhibit Hall - Florida A-D, Sun and Osceola Foyers)			
	Sun A	Sun B	Sun D456	Suwannee
Two-Hour Session 1530-1730	Young Investigator Competition PLENARY SESSION Michael J. Morris, M.D. Moderator	SARS CoV-2 Clinical Studies/ Epidemiology James Christensen, Ph.D. Moderator	En route Care Innovation - Increasing Effectiveness of En Route Combat Casualty Care Lt Col Cubby Gardner, USAF Moderator	Improving Sleep in the DoD: Investigations in Operational, Therapeutic, and Biomarker Strategies Malena Rone, Ph.D. LCDR J. Kent Werner, Jr., USN Moderators
	Lafayette	Desoto	Sun C123	
Two-Hour Session 1530-1730	Ongoing Health Issues in Military High Performance Flight LCDR Brennan Cox, USN LT Alexandra Kaplan, USN Moderators	Treatment Innovations for Acute Respiratory Distress Syndrome (ARDS) Sandy Snyder, MSN, RN Moderator	Strategic and Tactical Insights for Small Business CDR Tatana M. Olson, USN Moderator	
1600-1800	POSTER SESSION 2 (Exhibit Hall - Florida A-D)			

Wednesday, 14 September

0700-1630	REGISTRATION (City Hall Lobby)			
0630-0830	BREAKFAST (Florida EF)			
0800-1000	BREAKOUT SESSIONS			
	Sun C123	Sun D	Desoto	Sun B
Two-Hour Session 0800-1000	Point of Injury Care: From Bench to Battlefield Michael Adam Meledeo, Ph.D. Moderator	NDAA FY18 Sec 734 - The Longitudinal Medical Study on Blast Exposure of Members of the Armed Forces: Program Overview and Updates Thuvan Piehler, Ph.D. Emma Gregory, Ph.D. Richard Shoge, Ph.D. Moderators	Suicide Prevention Research Initiatives in DoD Melissa Mehalick, Ph.D. Moderator	Advancements in Prosthetic and Orthotic Technologies Elizabeth Russell Esposito, Ph.D. Moderator

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	Lafayette	Sun A		
Two-Hour Session 0800-1000	Employment of Advanced Technologies For Integrated Health Monitoring and Geolocation for Training and Operations in Multi-Domain Environments LCDR Joshua Swift, USN Moderator	Military Exposures and Subsequent Long-term Outcomes Lt Col Ian Stewart, USAF Moderator		
1000-1030	BREAK (Exhibit Hall - Florida A-D)			
0900-1630	EXHIBITS (Exhibit Hall - Florida A-D)			
1000-1200	POSTER SESSION 3 (Exhibit Hall - Florida A-D)			
1130-1330	LUNCH (Exhibit Hall - Florida A-D)			
1300-1800	BREAKOUT SESSIONS			
	Sun B	Sun A	Sun D456	Suwannee
Two-Hour Session 1300-1500	Advances in Craniofacial Trauma and Infections: Preventative, Reconstructive, Rehabilitative and Regenerative Strategies to Accelerate Return-to-Duty LCDR Daniel Hammer, USN John Simecek, Ph.D. Moderator	Cellular Therapeutics for Treatment of Shock and Trauma James Bynum, Ph.D. Moderator	Acutely Administered Interventions for Battlefield Traumatic Brain Injury J.B. Phillips, Ph.D. Krista Caudle, Ph.D. Moderators	Stress and Adjustment Disorders in Military Service Members Marija S. Kelber, Ph.D. Moderator
	Lafayette	Desoto	Sun C123	
Two-Hour Session 1300-1500	Wearables: Future Capability, Past Successes and Current Challenges in a Deployed Environment Alan L. Harner, M.S. Moderator	Technologies and Approaches to Support Specialty Virtual Health in Denied, Intermittent, or Low-Bandwidth Communications Environments Jeannette R. Little, M.S. Moderator	U.S. Army Medical Research and Development Command Office of Regulated Activities and U.S. Food and Drug Administration: Collaborations and Regulatory Updates MAJ Victor Zottig, USA CDR Thomas Maruna, USPHS Moderators	
1500-1530	BREAK (Exhibit Hall - Florida A-D, Sun and Osceola Foyers)			
	Sun B	Sun C123	Sun A	Suwannee
Two-Hour Session 1530-1730	Burn Injury Management in Theater Bonnie J. Woffenden, Ph.D. Sandy Snyder, MSN, RN Moderators	Novel Strategies for Treatment of Shock or Blood Failure: Antishock Pharmaceuticals and Blood Products Michael Adam Meledeo, Ph.D. Moderator	Innovative Technologies, Strategies, Models, and Analytical Tools for Predicting, Preventing, Tracking and Treating Musculoskeletal Injuries of the Warfighter LCDR Joshua Swift, USN Pinata Sessoms, Ph.D. Moderators	Force Health Protection: Research in Exposure and Risk Assessment David R. Mattie, Ph.D. Moderator

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	Lafayette	Desoto	Sun D456
Two-Hour Session 1530-1730	Artificial Intelligence, Machine Learning, and Predictive Analytics in Military Medicine Jesus J Caban, Ph.D. Sammy Choi, M.D. Moderators	Biomedical Manufacturing For Warfighter Treatment Needs Lloyd F. Rose, Ph.D. Mary Clare McCorry, Ph.D. Moderators	From Bench to Bedside: Technology Commercialization Paul G. Michaels, eJD Moderator

Thursday, 15 September

0700-1100	REGISTRATION (City Hall Lobby)			
0630-0830	BREAKFAST (Exhibit Hall - Florida A-D)			
0800-0830	2022 MHSRS AWARDS (Sun A) Young Investigator and Poster Award Presentations			
0845-1300	BREAKOUT SESSIONS			
	Sun B	Sun D456	Sun A	Sun C123
Two-Hour Session 0845-1045	Sepsis 360 - Early Detection and Treatment in the Operational Environment LTC Tyson J. Sjulín, USA Moderator	Trauma Resuscitation and Critical Care on the Future Battlefield Caryn Stern, DrPH, MPH Moderator	Blast, Blunt, Accelerative Exposure in Military Training Exercises Michael J. Roy, M.D., MPH Olivia H. Webster, B.A. LTC Brian Johnson, USA Moderators	Battlefield Biomarkers for TBI: Diagnostic and Prognostic Indicators Kasey E. Moritz, Ph.D. Stephanie S. Sloley, Ph.D. Moderators
	Lafayette			
Two-Hour Session 0845-1045	Precision Medicine Research: Optimizing Warfighter Healthcare, Readiness, and Return to Duty Victor L. Sylvia, Ph.D. CAPT Eric A. Elster, USN Moderators			
1045-1100	BREAK (Sun and Osceola Foyers)			
	Sun B	Sun A	Lafayette	Sun D456
Two-Hour Session 1100-1300	Blast Overpressure and Acoustic Sensor, and PPE Effectiveness across Different Environmental Conditions V. Sujith Sajja, Ph.D. Raj Gupta, Ph.D. Moderators	Novel Treatments, Strategies, and Technologies in Hearing and Balance Health Mei Sun, Ph.D. Moderator	Updates on Military Women's Health LTC Leilani Siaki, USA CAPT Jennifer Buechel, USN MAJ Angela Phillips, USAF Moderators	Military-Centric Therapeutic Strategies for Traumatic Brain Injury Deborah Shear, Ph.D. Anke Scultetus, M.D. Moderators



	Sun C123
<p>Two-Hour Session</p> <p>1100-1300</p>	<p>Research Investigations on Implementation of Novel Learning and Education Training Strategies to Improve Readiness for Battlefield Care</p> <p>Michael Morris, M.D. Amber M. Mallory, Ph.D. Moderators</p>
<p>1100-1330</p>	<p>LUNCH (Florida EF)</p>
<p>1330</p>	<p>End of Symposium</p>