

2026 Military Health System Research Symposium Agenda
(as of 31 May 2026)

Day	Time								
Sunday, 2 August 2026	1500 - 1900	REGISTRATION (City Hall Lobby (Ballroom/Level 2))							
	0630 - 1930	REGISTRATION (City Hall Lobby (Ballroom/Level 2))							
Monday, 3 August 2026	0630 - 0830	BREAKFAST (Exhibit Hall A-C)							
	0800 - 1130	Osceola Ballroom PLENARY SESSION							
	1130 - 1330	LUNCH (Exhibit Hall A-C)							
	1300 - 1730	BREAKOUT SESSIONS							
	Two Hour Session 1300 - 1500	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
		Developing Novel Solutions to Prevent & Treat Wound Infections on the Front Line Katherine Lipka, Ph.D., MPH Calli M. Rooney, M.S., MBA Moderators	Solutions to Optimize & Accelerate Recovery from Musculoskeletal Injury Elizabeth Russell Esposito, Ph.D. Brad D. Isaacson, Ph.D. Moderators	Emerging Psychological Health Threats in Large-Scale Combat Operations Amy Adler, Ph.D. Moderator	Sustaining Brain Health Readiness against Emerging Threats in the Operational Environment Part 1 - Clinical/Operational LTC Matthew LoPresti, USA Raj Gupta, Ph.D. Moderators	Advances in Far-Forward (Roles 1/2) Clinical Care Provision Jonathan Monti, DSc Moderator	Novel Methods for Identifying, Mitigating & Determining Health Impacts of OEH Exposures Part 1/Exposure Monitoring & Interventions Christin Duran, Ph.D. Alan Harner, M.S., MBA Moderators	Autonomous Medical Systems for the Field Hugh Connacher, M.S. Sandy Snyder, Ph.D., RN Jody Cantu, Ph.D. Moderators	Current Challenges in DoW Aerospace Medicine John S. Crowley, M.D., MPH LT Brittany Neilson, USN Moderators
	1500 - 1530	BREAK							
	Two Hour Session 1530 - 1730	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
		Young Investigator Plenary Session Lt Col Adam M. Willis, USAF Michael J. Morris, M.D. Moderators	Medical Lessons Learned from Ukraine & Israel Conflicts to Improve Casualty Care Strategies Therese West, Ph.D. Moderator	Human Performance Optimization in Cold-Weather & High-Altitude Environments Camilla Mauzy, Ph.D. Stefanie Shields Ph.D. CPT Connor Broyles, USA Douglas Jones, Ph.D. Moderators	Sustaining Brain Health Readiness against Emerging Threats in the Operational Environment Part 2 - Physiological/Biomedical LTC Matthew LoPresti, USA Raj Gupta, Ph.D. Moderators	Auditory & Vestibular Health: Combat Support, Injury Mitigation, & Technological Advancements Kathryn Marshall, Ph.D. Moderator	Novel Methods for Identifying, Mitigating & Determining Health Impacts of OEH Exposures Part 2/Linking Exposures to Health Outcomes Christin Duran, Ph.D. Alan Harner, M.S., MBA Moderators	Biomanufacturing for Supply Chain Resilience Lloyd F. Rose, Ph.D. Moderator	HOLD FOR DR. RAUCH
	1730 - Exhibit Hall Opens	Exhibit Hall D-F ASSISTANT SECRETARY OF DEFENSE (HEALTH AFFAIRS) RECEPTION							
1800 - 2100 - Reception & Cash Bar	Opening of Exhibits								
Tuesday, 4 August 2026	0630 - 0830	BREAKFAST (Exhibit Hall A-C)							
	0700 - 1700	REGISTRATION (City Hall Lobby (Ballroom/Level 2))							
	Two Hour Session 0800 - 1000	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
		Platform Technologies: Revolutionizing Infectious Disease Countermeasures for the Military Appavu K. Sundaram, Ph.D. John Dye, Ph.D. Moderators	Forward Trauma Care: Enhancing Semi-Fixed Role 1 Facility Capabilities for LSCO Caryn A. Stern, DrPH, MPH LTC Steven G Schauer, USA Moderators	Data to Decision: Optimizing Cognitive Performance for the Operational Environment Malena Rone, Ph.D. Kristin J. Heaton, Ph.D. William Aue, Ph.D. Moderators	Hemorrhage Control & Vascular Dysfunction Thomas Edwards, DVM, M.S. Bryan Jordan, DNP, RN Moderators	New Sensor & Algorithm Technologies to Improve & Support Monitoring, Triage, & CCC Jose Salinas, Ph.D. William R. McGarity, B.S. Moderators	Optimizing Nutrition to Support Military Service Members LTC Bridget Owens, USA Moderator	DoW/FDA & AI, AM, Digital Health Technologies - Accelerating CCC MedTech Chander Thakur, Ph.D. LTC Brandon Hey, USA Moderators	Leveraging Venture Capital Models to Advance Military Health System Capabilities James Dillman, Ph.D. Christopher Dearth, Ph.D. Moderators
	0900 - 1800	EXHIBITS (Exhibit Hall D-F)							
1000 - 1030	BREAK (Exhibit Hall D-F)								
Poster Session 1 1000 - 1200	Exhibit Hall D-F POSTER SESSION #1								

Poster Set-up: Beginning at 0900 Presenters at Posters: 1000 - 1200 Poster Take-down: By 1230	<p>INFECTIOUS DISEASE PREVENTION AND MANAGEMENT Developing Novel Solutions to Prevent & Treat Wound Infections on the Front Line Platform Technologies: Revolutionizing Infectious Disease Countermeasures for the Military Fighting the Invisible Enemy: Combating Antibiotic Resistant Bacteria in Combat Wounds Mitigating Bloodborne Infections in Future Combat Operations From Lab to Line: The Military's Role in Advancing Infectious Disease Countermeasures</p> <p>NEUROMUSCULOSKELETAL Traumatic Wound Healing: Regeneration of Musculoskeletal & Neural Tissues Solutions to Optimize and Accelerate Recovery from Musculoskeletal Injury Integrating Holistic & Technological Approaches for Musculoskeletal Injury Prevention Exoskeletal Solutions & Amputation-focused Research on Surgical or Rehabilitation Outcomes Warfighter Neck and Back Pain: Mechanisms, Modeling, and Information Guidance</p> <p>MENTAL HEALTH Machine Learning & Artificial Intelligence in Military Health, Readiness, & Performance Data to Decision: Optimizing Cognitive Performance for the Operational Environment Cognitive & Physical Performance: Aerospace Medicine for Prolonged Cislunar Military Operations Precision Readiness: Integrating Pharmacogenomics to Enhance Warfighter Health Emerging Psychological Health Threats in Large-Scale Combat Operations Role of the Military Family in Supporting Warfighter Readiness</p> <p>Global Health Engagement: Partnerships for Military Medical Readiness Undersea Operational Research Panel</p>
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1130 - 1330 LUNCH (Exhibit Hall A-C)

1300 - 1730 BREAKOUT SESSIONS

	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
Two Hour Session 1300-1500	<p>From Lab to Line: The Military's Role in Advancing Infectious Disease Countermeasures</p> <p>Chad Porter, Ph.D. LTC Brett Swierczewski, USA Moderators</p>	<p>Autonomous Casualty Evacuation in LSCO: Gaps, Challenges, & Opportunities</p> <p>Lt. Col Adam Willis, USAF Lt Col Craig Nowadly, USAF Moderators</p>	<p>Blood & Blood Products: Novel Strategies for Treatment of Blood Failure</p> <p>Michael Adam Meledeo, Ph.D. Anne McKeague, Ph.D. Moderators</p>	<p>Progress & Efforts toward the NASEM TBI Consensus Report - Eight Recommendations</p> <p>James B. Phillips, Ph.D. Kasey E. Moritz, Ph.D. Katie Bowman, Ph.D. Moderators</p>	<p>Global Health Engagement: Partnerships for Military Medical Readiness</p> <p>Saber Hussain, Ph.D. Maj Blair Dancy, USA CAPT Tamera Worlton, USN COL Kurt Schaecher, USA Moderators</p>	<p>Critical Concerns in Operational Dentistry</p> <p>COL Kevin Gillespie, USA Moderator</p>	<p>CDMRP & Defense Health Program Medical Research Funding Opportunities</p> <p>Rebecca A. Fisher, Ph.D. Moderator</p>	<p>Case Records of the Joint Trauma System</p> <p>COL Jennifer Gurney, USA Moderator</p>

1500 - 1530 BREAK (Exhibit Hall D-F)

Poster Session 2 1530 - 1730	<p>Exhibit Hall D-F</p> <p>POSTER SESSION #2</p>
Poster Set-up: Beginning at 1430 Presenters at Posters: 1530 - 1730 Poster Take-down: By 1800	<p>YOUNG INVESTIGATOR POSTERS</p> <p>BLOOD AND BLOOD PRODUCTS Blood & Blood Products: Novel Strategies for Treatment of Blood Failure Cellular Therapeutics for Trauma Hemorrhage Control & Vascular Dysfunction</p> <p>COMBAT CASUALTY CARE Medical Lessons Learned from Ukraine & Israel Conflicts to Improve Casualty Care Strategies Advances for Managing Complex Organ Injury in Prolonged Field Care Future Anti Shock Solutions in the Pre Hospital Environment Novel Solutions for Burn Care Far-Forward Portable Life Support & Imaging Devices Forward Trauma Care: Enhancing Semi-Fixed Role 1 Facility Capabilities for LSCO Implementation, Challenges & Outcomes of Military Medical Research during Active Conflict Preserving Warfighter Performance & Readiness through Improved Battlefield Pain Control Advances in Far-Forward (Roles 1/2) Clinical Care Provision</p> <p>Joint Force Innovation: Accelerating Development through Military Experimentation One Health in Uniform: Veterinary Medicine Supporting Warfighter Readiness</p> <p>TBI/BLAST Managing the Golden Hour & Beyond: Innovative TBI Care in Contested Combat Environments Drugs/Devices for Battlefield Brain Trauma Sustaining Brain Health Readiness against Emerging Threats in the Operational Environment Progress & Efforts toward the NASEM* TBI Consensus Report - Eight Recommendations</p> <p>EFFECTS OF TRANSPORTATION IN THE WARFIGHTER En Route Care and the Effects of Transport on Complex Injuries Military Injury Biomechanics & Applications to Warfighter Injury Prevention</p> <p>Current Challenges in DoW Aerospace Medicine</p>

0630 - 0830 BREAKFAST (Exhibit Hall A-C)

0700 - 1700 REGISTRATION (City Hall Lobby (Ballroom/Level 2))

Wednesday,
5 August
2026

0800 - 1000	BREAKOUT SESSIONS							
	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
Two Hour Session 0800 - 1000	Fighting the Invisible Enemy: Combating Antibiotic Resistant Bacteria in Combat Wounds COL Jeffrey Livezey, USA Moderator	Integrating Holistic & Technological Approaches for Musculoskeletal Injury Prevention Joseph Wasser, Ph.D. Moderator	Role of the Military Family in Supporting Warfighter Readiness Elizabeth Hisle-Gorman, Ph.D. Christin Ogle, Ph.D. Moderators	Far-Forward Portable Life Support & Imaging Devices Maj Elizabeth Powell, USAF Thomas A. Dunn, M.S., MBA Arthi Amin, Ph.D. Moderators	Novel Solutions for Burn Care Lt Col Angela K. Phillips, USAF Robin Duncan, Ph.D. Moderators	Managing the Golden Hour & Beyond: Innovative TBI Care in Contested Combat Environments Lars Hungerford, Ph.D. James B. Phillips, Ph.D. Moderators	One Health in Uniform: Veterinary Medicine Supporting Warfighter Readiness LTC Anna-Maria Travis, USA Moderator	Field to Table: Special Operations Combat Medic Tactical Requirements, Needs, & Realities SGM Jonathan Lopienski, USA Moderator
0900 - 1600	EXHIBITS (Exhibit Hall D-F)							
1000 - 1030	BREAK (Exhibit Hall D-F)							
Poster Session 3 1000 - 1200	Exhibit Hall D-F POSTER SESSION #3							
Poster Set-up: Beginning at 0900 Presenters at Posters: 1000 -1200 Poster Take-down: By 1230	<p>OCCUPATIONAL & ENVIRONMENTAL EXPOSURES</p> <p>Warfighter Exertional Illness & Operations in Extreme Environments Novel Methods for Identifying, Mitigating & Determining Health Impacts of OEH Exposures Human Performance Optimization in Cold-Weather & High-Altitude Environments Ops in a Nuclear Environment: Ensuring Medical Readiness & Preparing for Complex Injuries Directed Energy Medical Research for the Future Fight</p> <p>CLINICAL DECISION SUPPORT/DATA ANALYTICS</p> <p>Autonomous Casualty Evacuation in LSCO: Gaps, Challenges, & Opportunities Autonomous Medical Systems for the Field Robotics & Human-Machine Teaming for Augmenting Combat Casualty Care Delivery New Sensor & Algorithm Technologies to Improve & Support Monitoring, Triage, & CCC</p> <p>SENSORY SYSTEMS</p> <p>Auditory & Vestibular Health: Combat Support, Injury Mitigation, & Technological Advancements Saving Servicemembers' Sight</p> <p>Evaluating the Impact of Military Policies & Programs on Performance & Readiness Military Women's Health Research Biomanufacturing for Supply Chain Resilience Optimizing the Human Weapon System: Utilizing Wearable Sensor Data to Inform Readiness Sleep: The Key to Medical Readiness Optimizing Nutrition to Support Military Service Members</p>							
1130 - 1330	LUNCH (Exhibit Hall A-C)							
1300 - 1730	BREAKOUT SESSIONS							
	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
Two Hour Session 1300 - 1500	Implementation, Challenges & Outcomes of Military Medical Research during Active Conflict Therese West, Ph.D. Moderator	Exoskeletal Solutions & Amputation-focused Research on Surgical or Rehabilitation Outcomes Lee Childers, Ph.D. Trevor Kingsbury, M.S. Moderators	Robotics & Human-Machine Teaming for Augmenting Combat Casualty Care Delivery Nathan Fisher, M.S. Moderator	Undersea Operational Research Panel Ben Lawson, Ph.D. Thomas A. Dunn, M.S., MBA Moderators	Saving Servicemembers Sight LTC Gary Legault, USA Moderator	Military Injury Biomechanics & Applications to Warfighter Injury Prevention Frederick T. Brozoski, M.S. Moderator	Evaluating the Impact of Military Policies & Programs on Performance & Readiness Part 1/?subtitle Timothy Murray, Ph.D., MBA Moderator	HOLD FOR ADVANCED DEVELOPMENT
1500 - 1530	BREAK (Sun and Coastal Foyers and Exhibit Hall D-F)							
	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
Two Hour Session 1530 - 1730	Preserving Warfighter Performance & Readiness through Improved Battlefield Pain Control CPT Connor N. Broyles, USA CAPT Harold Gelfand, USN Moderators	En Route Care and the Effects of Transport on Complex Injuries Rachel Kinsler, M.S. Moderator	Precision Readiness: Integrating Pharmacogenomics to Enhance Warfighter Health Aarti Gautam, Ph.D. Rasha Hammamieh, Ph.D. Moderators	Sleep: The Key to Medical Readiness Tracy Jill Doty, Ph.D. Sara Alger, Ph.D. Alice LaGoy Ph.D. Moderators	Ops in a Nuclear Environment: Ensuring Medical Readiness & Preparing for Complex Injuries COL Lien Senchak, USA Moderator	Joint Force Innovation: Accelerating Development through Military Experimentation Eva Rosvold, M.S. LTC Ryan Lindell, USA Moderators	Evaluating the Impact of Military Policies & Programs on Performance & Readiness Part 2/?subtitle Timothy Murray, Ph.D., MBA Moderator	(NO SESSION)
0630 - 0830	BREAKFAST (Exhibit Hall A-C)							
0800 - 1100	REGISTRATION (City Hall Lobby (Ballroom/Level 2))							

Thursday, 6 August 2026	0800 - 0830	TBD 2026 MHSRS AWARDS Young Investigator and Poster Awards							
	0845 - 1545	BREAKOUT SESSIONS							
	Two Hour Session 0845 -1045	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD
		Mitigating Bloodborne Infections in Future Combat Operations COL Julie Ake, USA MAJ Brennan Cebula, USA Moderators	Future Anti Shock Solutions in the Pre Hospital Environment Shannon Gupta, M.S. Lusha Xiang, M.D. Moderators	Traumatic Wound Healing: Regeneration of Musculoskeletal & Neural Tissues Kenneth Furdella, Ph.D. Jesse Trump, M.A. Moderators	Optimizing the Human Weapon System: Utilizing Wearable Sensor Data to Inform Readiness William Tharion, M.S., MBA Malena Rone, Ph.D. Moderators	Warfighter Exertional Illness & Operations in Extreme Environments COL Laura McGhee, USA Francis G. O'Connor, M.D., MPH MAJ Caroline E. Murphy, USA Moderators	Whole-Body Vibration, Head-Supported Mass, & Posture Khalid Barazanji, Ph.D. Abigail Tyson, M.S. Moderators	Machine Learning & Artificial Intelligence in Military Health, Readiness, & Performance Part 1/Expeditionary Interest Dominic E. Nathan, Ph.D. Rena Nicholas, Ph.D. Moderators	(NO SESSION)
	1045 - 1115								
Two Hour Session 1115 - 1315	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	LOCATION TBD	
	Advances for Managing Complex Organ Injury in Prolonged Field Care Andrew D. Meyer, M.D., M.S. Therese West, Ph.D. Moderators	Drugs/Devices for Battlefield Brain Trauma Starlyn Okada-Rising, Ph.D. Rania Abutarboush, Ph.D. Moderators	Cellular Therapeutics for Trauma Barbara Christy, Ph.D. Moderator	Warfighter Neck & Back Pain: Mechanisms to Modeling to Information Guidance Charles Weisenbach, M.S. Bethany Shivers, Ph.D. Moderators	Directed Energy Medical Research for the Future Fight Daniel Bryden, Ph.D. Moderator	Military Women's Health Research Lynette Hamlin, Ph.D. Angela M. Simmons, Ph.D., RN Moderators	Machine Learning & Artificial Intelligence in Military Health, Readiness, & Performance Part 2/Medical Advances Dominic E. Nathan, Ph.D. Rena Nicholas, Ph.D. Moderators	(NO SESSION)	
1315	End of Symposium								