

**POSTER SESSION 1**

**Tuesday, 15 August  
1000-1200**

Advances in Prolonged Care  
Clinical Studies to Advance Combat Casualty Care  
Novel Strategies for Treatment of Shock or Blood Failure: Blood and Blood Products  
Hemorrhage Control and Vascular Dysfunction  
Cellular Therapeutics for Treatment of Shock and Trauma  
Emerging Technologies for Treatment of Non-compressible Torso Hemorrhage  
Enabling Medical Mobility and CASEVAC during Future Large Scale Combat Operations  
Advanced Battlefield Care of Severe Burn Casualties at the Point of Need: Prehospital to Definitive Care  
Polytrauma and Multi-Organ Dysfunction  
Advanced Decision Support and Automation Technologies to Support Combat Casualty Care During Multi-Domain Operations, Large Scale Combat Operations, and Prolonged Care  
Battlefield Analgesia Pipeline: Novel Therapeutics from the Benchtop to the Battlefield  
Integrative Medicine Across Operational Environments: Getting Warriors Back to the Fight without Drugs  
Advances in AI/ML In Military Medicine: Supporting Readiness, Prevention and Return to Duty  
Leveraging Big Data/Predictive Analytics for Military Health System Decision Making: Considerations for Assessment, Treatment, and Policy  
Responding to a Nuclear Event and CBRN Exposure with Resource Limitations  
Update on Wearables in the Deployed Environment  
Health and Readiness Unique to the Female Active Duty Service Woman  
Female Warfighter Health and Performance

**POSTER SESSION 2**

**Tuesday, 15 August  
1530 - 1730**

Battlefield Biomarkers for TBI: Diagnostic and Prognostic Indicators  
Traumatic Brain Injury Treatment for Early Combat, In-theater Administration  
Mental Health and Traumatic Brain Injury  
Comprehensive Strategy and Action Plan for Warfighter Brain Health - Way Forward LOE4 (Late/Long Term Effects)  
Computational Modeling of Human Lethality, Injury, and Impairment from Blast Threats in All Environments  
Impact and Assessment of Blast Exposure on Psychiatric Symptoms  
Development and Validation of Sensors and PPE for Blast Polytrauma  
Warfighter Operational Resilience: Current and Future Directions in the Development and Implementation of Programs to Maintain "Resilience Under Fire"  
Psychological Health Research Translation - Current Status and Future Directions  
Military Transitions - Advances in Early Interventions for Promoting and Strengthening Psychological Readiness of Service Members  
Military-Centric Interventions for Battlefield Psychological Injuries  
Longitudinal Studies of Service Member, Veteran, and/or Military Family Member Health and Well-Being  
Interrupting Behavioral Health Trajectories to Sustain the Force  
Innovative Technologies to Optimize Warfighters' Performance, and Return to Duty: Individual Wearables, and Neuromodulation  
Implementation of Interventions for Prevention of Suicide and Other Harmful Behaviors  
Role of Sleep in Performance and Recovery  
Surviving and Thriving in a Distributed Operations Environment: Military Health Challenges and Solutions (6)  
Undersea Operational Research Panel  
Medicine and Performance Optimization in the Arctic  
Hearing Loss, Tinnitus, and Balance: Whole-Life Warfighter Performance  
Expeditionary Diagnostics and Treatment of Vision Injury

**POSTER SESSION 3**

**Wednesday, 16 August  
1000-1200**

How SARS-CoV-2 Investments have Improved Medical Readiness for other Emerging Infectious Diseases  
Antimicrobial Countermeasures for Wound Infections in Military Personnel  
Tissue Wound Management for Prolonged Care Environments  
Addressing Military Vaccine Hesitancy: A Crucial Barrier to Force Health Protection and Pandemic Preparedness  
Microbiome and Pathogenesis: Implications for Systemic Immunity and Wound Healing  
Medical Countermeasure Assessment for Flaviviruses and other Vector-borne Viral Pathogens of Military Importance  
Advances in Regenerative Medicine for the Treatment of Neuromusculoskeletal Injuries from Point of Injury to Definitive Care and Beyond  
From Sockets to Osseointegration: Human Interface Solutions for Assistive Device Technology  
From Laboratory to Clinic: Progress of Orthotic and Prosthetic Technologies and Outcomes  
Solutions to Optimize and Accelerate Recovery from Neuromusculoskeletal Injury  
Innovative Tools and Technologies for Predicting and Assessing Musculoskeletal Injuries of the Warfighter  
Military Injury Biomechanics and Applications for Injury Prevention  
Multifactorial Problems Contributing of Musculoskeletal Injuries in the Military  
Force Health Protection: Operational Exposure Research and Predictive Risk Methods  
Precision Medicine Research: Optimizing Warfighter Healthcare, Readiness, and Return to Duty  
Exertional Illness in the Warfighter: Return to Duty Considerations  
Military Exposures and Subsequent Long-term Outcomes