

Monday, August 4				
Time	Location	HJF Presenter	Breakout Session	Presentation Name
13:30 - 13:45	Coastal A	Drake Ryff	TBI Management: Epidemiology & Down Range Management	The NCAA-DoD CARE-SALTOS Integrated (CSI) Study: A Preliminary Analysis of Self-Reported Concussions and the Blast Exposure Threshold Survey (BETS) within the Explosive Ordnance Disposal (EOD) Cohort
14:00 - 14:15	Sun A	Oleksandra Kepple	Enhancing Military Medical Readiness through Global Health Engagement & Research	Surveillance of Arthropod-borne Pathogens from Colombia, South America
16:15 - 16:30	Coastal 4	Ninh Vu	Big Data, AI & ML in Military Research: Precision Medicine & Operational Readiness	Gene Expression Changes in Trauma Patients: Insights into Immune and Metabolic Dysregulation in Complicated Recovery
16:30 - 16:45		Mehran Fazli		Endotyping of Sepsis Transcriptomic Trajectories using Dynamical Systems Cost-fitting Landscape
17:15 - 17:30		Sreya Mukherjee		Transcriptomic Analysis Investigating Early Signals of Healing in Combat-Related Extremity Wounds Treated with Negative Pressure Therapy and Delayed Closure
17:00 - 17:15	Sun A	Linda Thompson	Innovation & Current Directions in Military Suicide Prevention, Research & Programs	Determining Risks Using Ecological Assessments of Mood, Sleep, & Suicide: An Ecological Momentary Assessment of Sleep Effects in Veterans with Suicidal Ideation: An Overview of Study Methodology

Tuesday, August 5				
09:00 - 09:15	Sun C	Colleen Runnic	Beyond the Battlefield: The Role of Family in Military Resiliency & Readiness	Navigating Military Healthcare: Experiences of Military Parents Raising Children with Mental, Developmental, and Behavioral Needs
10:00 - 12:00	Exhibit Hall	Poster Session 1		
13:45 - 14:0	Sun C	Nikki Barczak-Scarboro	Innovative Approaches to TBI Care: Optimizing Warfighter Brain Health Following TBI	Possible Consequences of Subjective Return-to-Activity Measures: An MTBI2 Study
15:30 - 5:30	Exhibit Hall	Poster Session 2		

Wednesday, August 6				
08:30 - 08:45	Coastal C	Rebecca Schuch	Solutions to Optimize and Accelerate Recovery from Neuromusculoskeletal Injury	Sex-based Differences in Outpatient Rehabilitation Utilization Following Stress Fractures in Active Duty Service Members
08:30 - 08:45	Coastal 9	Annabel Raboy	VR/AR/MR Applications for Training & Patient Care in the Military Health System	Augmented Reality 3MDR Therapy for the Treatment of PTSD and Comorbid Moral Injury: A Case Study Abstract
08:45 - 09:00	Coastal 4	Jennifer Belding	Blast Overpressure Exposure & Blast Induced TBI: Mechanism, Prevention & Treatment	Development of the Blast Injury Clinical Threshold Scale (BATTLE) Database
09:15 - 09:30	Sun A	Kat Schmidt	Leveraging Modeling to Inform Disease Threat & Development of Medical Countermeasures	Symptom Phenotyping of Acute Respiratory Infections Using a Patient-Reported Outcome Measure (FLU-PRO Plus) among Military Health System Beneficiaries: Opportunities for Infectious Disease Modeling
10:00 - 12:00	Exhibit Hall	Poster Session 3		
13:00 - 13:15		Robert McGrath		The Development of an Exoskeleton Designed to Reduce Tibial Strain

13:15 - 13:30	Coastal A	Ciera Price	Prosthetic & Exoskeletal Solutions to Enhance Mobility and Return to Duty	Evaluating the Usability of a Battlefield Exoskeleton for Prolonged Care Scenarios: A Mixed Methods Approach
13:45 - 14:00	Sun C	Tamara Abulez	Biomarkers of Behavioral Health Conditions	Postmortem Human Medial Amygdala Proteomics Identifies Alterations by Sex and Ancestry in Post-Traumatic Stress Disorder Brains
13:45 - 14:00	Coastal 4	Maegan Paxton Willing	Sleep: The Key to Medical Readiness	The Role of Moral Injury on Nightmare Distress
13:30 - 13:45		Brittany Hollis		Female Active Duty Service Members' Experiences Navigating Musculoskeletal Health Throughout their Military Careers: Preliminary Findings from a Qualitative Interview Study
14:15 - 14:30		Kanagaratnam		Trends in Highly Effective Contraceptive Use among U.S. Active Duty Service Women, Fiscal Years 2020-2023
14:30 - 14:45		Miranda Janvrin		The Experiences of Mid-Life Active Duty Service Women Accessing Treatment for Menopausal Symptoms: A Pilot Study
14:45 - 15:00		Coastal 9		Jie Lin
16:30 - 16:45		Renhua Li		A Python-Based Machine Learning Modeling Workflow for Clinical Decision Support Tool Development
16:45 - 17:00		Nusrat Epsi		Machine Learning Analysis of Unstructured Military Health System EMR Symptom Data to Support Prediction and Surveillance of Respiratory Infections in Active-duty Servicemembers
17:00 - 17:15		Sun A		Scott Grey
Thursday, August 7				
9:30 - 9:45	Coastal C	Alan Metelko	Undersea Operational Research Panel	Novel Statistical Analysis of CNS Oxygen Toxicity Incidence Using Historical Data Sets
10:30 - 10:45	Sun A	John Vitucci	Old Antibiotics, New Strategies: Repurposing/Combining FDA-Approved Therapies for Combat Wound Infections	A Novel Antimicrobial Peptide Against Multiple Drug-resistant Bacteria and Their Biofilms Improves Infection Outcomes in Mice
11:30 -11:45	Coastal A	Zina Abourjeily	Nutritional Strategies to Promote Service Member Health, Readiness & Performance	Implementing Fueled to Fight® Components Improves Food Availability and Behavioral Design at Non-Appropriated Fund Venues
12:15 - 12:30	Sun C	Kristo Nuutila	Revolutionizing Severe Burn Injury Care before Role 3 during Large Scale Combat Operations	Bioactive Peptide-Loaded Microneedle Arrays for the Treatment of Combat Burns