Poster		Breakout Name	Full Name	Abstract Title
Session	Number			
1	300	Treating Refractory Hypoxemia On The Battlefield: What Does The Future Hold?	Michael Rouse	Evaluating the Cytokine Response Associated with Pulmonary Dysfunction in Severe Traumatic Injury and COVID-19
1	301	Casualty Care During Multi-Domain Operations, Large Scale Combat Operations, And Prolonged Care	Michael Rouse	Electrochemiluminescence LDT Assay Validation Using Human Wound Effluent for the Development of Clinical Decision Support Tools
1	600	Advances In Life Saving Interventions At Point Of Injury And In Prolonged Care	John Vitucci	Targeting MDRO Wound Infections with Gatekeeper™: A Preclinical Evaluation of Safety and Efficacy
1	718	Trauma Resuscitation And Critical Care On The Future Battlefield	Scott Grey	Development and Evaluation of Prediction Algorithms Using Only Information Available at ED Presentation to Identify Patients Needing a Massive Transfusion
1	1115	Severe Burn Injury: Strategies To Accelerate Casualty Functional Recovery	Kristo Nuutila	Silk Protein-Based Field Applicable Spray for Acute Burn Wound Management
1	1215	Clinical Studies To Advance Combat Casualty Care	Antuione Perry	Enhancing Combat Readiness: Field Improvised Exoskeletons for Prolonged Casualty Care
1	1222	Assuaging Agony: Novel Pain Therapeutics	Christopher Fellin	MiR-155 Therapy for the Treatment of Peripheral Neuropathy in a Rat Spared Nerve Injury Model
1	1310	Implementation Of Evidence-Based Pain Management Practices In The Mhs	Tracy Rupp	Massage Therapist Provider Engagement in the Military Health System
1	1311	Implementation Of Evidence-Based Pain Management Practices In The Mhs	Mary McDuffie	An Update to The Defense and Veterans Center for Integrative Pain Management's Pain Registry Biobank: Remains a Valuable Asset For Future Research Studies
1	1502	Organ Support In Trauma	Bongwe Ngwenyama	Acetazolamide Alleviates Tourniquet-induced Acute Kidney Injury through Inhibition of Cathepsin D
1	1608	Protecting The Warfighter From Nuclear Threats: Acute Radiation Syndrome And Radiation Polytrauma	Venkateshwara Rao Dronamraju	FSL-1: A Promising prophylactic countermeasure in the AFRRI murine H-ARS mouse model
1	1807	Current Challenges In Dod Aerospace Medicine	Amelia Barrett	Assessing History of Self-Reported Low Back Pain and Healthcare Seeking Behaviors in Military Aircrew: Preliminary Findings
1	1815	Undersea Operational Research Panel	Alan Metelko	Follow-up Analysis of Breath Based Volatile Organic Compounds for Prediction of Pulmonary Oxygen Toxicity in Divers
1	2002	From Theory To Practice: Transitioning S&T Findings Into Actionable Knowledge	Norma Quintanilla	Revaluation of Disaster Core Competencies: Updates for a New Decade
1	2007	From Theory To Practice: Transitioning S&T Findings Into Actionable Knowledge	Emily Post	Expanding Case Management Surge Capabilities of the Military Health System (MHS)

Poster Session	Poster Number	Breakout Name	Full Name	Abstract Title
1		From Theory To Practice: Transitioning S&T Findings Into Actionable Knowledge		The Impact of Reserve Components Mobilizations in Support of Large-Scale Combat Operations on Domestic Healthcare Staffing
1		From Theory To Practice: Transitioning S&T Findings Into Actionable Knowledge		Creation of an Integrated Practice Unit Assessment Tool for the Military Health System

Poster		Breakout Name	Full Name	Abstract Title
Session	Number			
2	206	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Chen Lai	Establishing an Extracellular Vesicle-Based Laboratory Platform for Traumatic Brain Injury Specific Biomarker Discovery: An MTBI2 Presentation
2	208	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Yifan He	A Collaborative Laboratory Platform Provides Biorepository Management and Multidimensional Biomarker Analysis for Brain Injury Research: An MTBI2 Presentation
2	211	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Mihika Gangolli	Evaluating the Feasibility of Assessing Longitudinal Microstructural Changes in Mild Traumatic Brain Injury with Mean Apparent Propagator MRI
2	216	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Dominic Nathan	Assessing the Utility of the Vestibular/Ocular-Motor Screening (VOMS) Tool Longitudinal Chronic TBI Outcome Measures: an MTBI Study
2	217	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Dominic Nathan	Is Apolipoprotein E associated with chronic TBI symptoms? Implications for personalized medicine and screening: an MTBI study
2	312	Advances In Diagnosis Of Tbi: Biomarkers And Beyond	Franchesca Scott	Risk Factors for Mental Health Symptoms in Military Service Academy Cadets and Midshipmen: Preliminary Evidence
2	511	Tbi Management: Epidemiology And Down Range Management	Elsa Ermer	The NCAA-DoD CARE-SALTOS Integrated (CSI) Study: An Update on the Explosive Ordnance Disposal (EOD) Cohort
2	517	Tbi Management: Epidemiology And Down Range Management	Martin Cota	Public Health Tools and Military Traumatic Brain Injury: Presenting a Causal Loop Diagram to Visualize Traumatic Brain Injury Related Variables in U.S. Service Members, an MTBI2 Study.
2	518	Tbi Management: Epidemiology And Down Range Management	Martin Cota	A Retrospective Cohort Study of TBI Exposed Military Population and Reported Outcomes and Recovery, an MTBI2 Study.
2	613	Tbi Management: Epidemiology And Down Range Management	Drake Ryff	The CARE-SALTOS Integrated (CSI) Study: Characterizing Potential Chronic Brain Health Effects of Concussion and Repetitive Head Impact Exposures - Tier 3
2	708	Brain Impact Of Sub-Concussive Blast Exposure In Military Service Members: Implications For Prevention And Health	Yuan-Chiao Lu	Natural Oscillatory Modes and MRI-Detected Deformation of the Biofidelic ANGUS Phantom under Mild Head Impacts

Poster		Breakout Name	Full Name	Abstract Title
Session	Number			
2	923	Novel Interventions To Address Post-Traumatic Stress Disorder In Service Members And Veterans	Shannon Fichter	The Impact of Service Dog Training on Resilience and Stress in Service Members.
2	1004	Novel Interventions To Address Post-Traumatic Stress Disorder In Service Members And Veterans	Patricia Spangler	Randomized Pilot Trial of Emerging Exposure and Non- Exposure Treatments for Trauma-Related Nightmares
2	1009	Novel Interventions To Address Post-Traumatic Stress Disorder In Service Members And Veterans	Tiffany Riggleman	The Impact of a Service Dog Training Program on Quality of Life Among Military Members with PTSD and mTBI
2	1023	Moving The Needle On Preventing Harmful Behaviors In The Military Community – Implementing Cross Agency Research Priorities – Current And Future State	Catherine Dempsey	Reasons for Personal Firearm Ownership, Firearm Storage Practices and Suicide Risk in Servicemembers
2	1101	Moving The Needle On Preventing Harmful Behaviors In The Military Community – Implementing Cross Agency Research Priorities – Current And Future State	Cindy Crawford	Predatory Marketing and Low Quality of Dietary Supplements Promoted for Weight Loss Pose a Threat to Military Members: Preventative Approaches and Lessons Learned from an Analysis of Select Products
2	1111	Moving The Needle On Preventing Harmful Behaviors In The Military Community – Implementing Cross Agency Research Priorities – Current And Future State	Maegan Paxton Willing	Community Based Participatory Research for Studies Involving Military-Connected Individuals
2	1120	Moving The Needle On Preventing Harmful Behaviors In The Military Community – Implementing Cross Agency Research Priorities – Current And Future State	Christy Collete	A Quality Assurance Process Model of the Comprehensive Integrated Primary Prevention Plan to Reduce Harmful Behaviors in the United States National Guard
2	1219	Military Family Health And Readiness: Understanding The Interdependence Of The Military Family System	Erin Frick	Priorities for Addressing the Behavioral Health Needs of Military Children and Families
2	1221	Military Family Health And Readiness: Understanding The Interdependence Of The Military Family System	Matthew Mester	Differences in Mental Health Care Visit Rates by State for Military Connected Children
2	1222	Military Family Health And Readiness: Understanding The Interdependence Of The Military Family System	lan Sorensen	Effects of Injury Type, Family, and Demographic Factors on Mental Health Care Needs of Soldiers Returning to the Active Force After Serious Injury

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Session	Number			
2	1317	Warfighter Operational Resilience: Next Generation Programs To Sustain Performance Under Fire		Technology Enhanced Mobile Platform for Performance Optimization (TEMPPO): Holistic Total Force Fitness Web- Based Mobile Application for the Army National Guard - Will they come if we build it?
2	1318	Warfighter Operational Resilience: Next Generation Programs To Sustain Performance Under Fire	Michael Smuda	An Overview of Self-Reported Total Fitness Among ARNG Soldiers
2	1410	Solutions Addressing Behavioral Health Clinician Shortage - Leveraging Telebehavioral Health	Calvin Lu	Remote health observation in combat Veterans: A novel approach by the War-Related Illness and Injury Study Center (WRIISC) to understand habitual sleep patterns, autonomic function, and Post-Traumatic Stress Disorder (PTSD) symptoms
2	1501	Women'S Health And Readiness: Health Focused Updates	Rebecca Schulz	An Examination of Musculoskeletal Injuries, Injury Rehabilitation, and Return-to-Duty Times Among Female Active Duty Service Members Treated in the Military Health System
2	1509	Women'S Health And Readiness: Health Focused Updates	Kathleen Darcy	Prognostic Biomarker Validation in High Grade Serous Carcinoma with the Ovarian Tumor Tissue Analysis Consortium and the Multidisciplinary Ovarian Cancer Outcomes Group
2	1510	Women'S Health And Readiness: Health Focused Updates	Kathleen Darcy	Racial Disparities in Survival and Molecular Features in Black vs. White Patients with Uterine Serous Carcinoma: An Integrated Study in Real World Registries and Legacy NRG Oncology/Gynecologic Oncology Group Clinical Trials
2	1511	Women'S Health And Readiness: Health Focused Updates	Kathleen Darcy	Disparities in Clinical Outcomes and Molecular Features in Black and White Patients with Endometrioid Endometrial Carcinoma Persist in Real-World Registries and Randomized Clinical Trials
2	1609	Big Data And Machine Learning For Full Spectrum Military Health Readiness, Performance And Care	Renhua Li	Using 12 Cytokines to Accurately Predict Pneumonia and Total Hospital Days After Rib Fractures
2	1614	Big Data And Machine Learning For Full Spectrum Military Health Readiness, Performance And Care	Jie Lin	Differences in Survival between Black and White Patients with Lung Cancer: Comparison of Data from the DoD Central Cancer Registry (CCR) and the National Surveillance, Epidemiology and End Results (SEER) Program

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Session	Number			
2	1615	Big Data And Machine Learning For Full Spectrum	Jie Lin	Post-diagnosis Statin Use and Survival among Lung Cancer
		Military Health Readiness, Performance And Care		Patients: A Study Based on MilCanEpi, Linked Database of
				the DoD Central Cancer Registry (CCR) and MHS Data
				Repository (MDR)
2	1616	Big Data And Machine Learning For Full Spectrum	Yvonne Eaglehouse	Comparing Black and White Patients with Rectal Cancer in
		Military Health Readiness, Performance And Care		Treatment and Outcomes in the U.S. Military Health System
				using the Department of Defense's Big Data on Cancer
2	1617	Big Data And Machine Learning For Full Spectrum	Yvonne Eaglehouse	Using DoD big data to address cancer health disparities:
		Military Health Readiness, Performance And Care		Comparing racial-ethnic groups in receipt of treatment(s)
				for papillary thyroid cancers
2	1709	Big Data And Machine Learning For Full Spectrum	Yuan-Chiao Lu	Sensitivity and Consistency of Image-Based and Statistical
		Military Health Readiness, Performance And Care		Approaches to Harmonizing Brain Volume Measurements
2	1711	Big Data And Machine Learning For Full Spectrum	Dominic Nathan	Development of AI Natural Language Processing Tools in
		Military Health Readiness, Performance And Care		Clinical Decision Support Systems: an MTBI2 Presentation
2	1813	Military Exposures And Subsequent Long-Term	Julie Bytnar	Soft Tissue Sarcoma Incidence among U.S. Military
		Outcomes		Servicemen: Comparison with the Rates in the General U.S.
				Population
2	1814	Military Exposures And Subsequent Long-Term	Julie Bytnar	Incidence Rates of Bladder and Kidney Cancers among U.S.
		Outcomes		Military Servicemen: Comparison with the Rates in the
				General U.S. Population
2	1824	Military Exposures And Subsequent Long-Term	Thomas Chacko	Differential Psychological Impact of Combat Exposure and
		Outcomes		TBI among U.S. Vietnam Veterans
2	1900	Military Exposures And Subsequent Long-Term	Nicole Barczak-Scarboro	Understanding Moral Injury in a Marine Student Sample
		Outcomes		and its Associations with Mental Health Outcomes

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Session	Number			
3	111	Update In Emerging Infectious Diseases Of Military Importance: Predicting And Preventing Future	Rhonda Colombo	Pragmatic Assessment of Influenza Vaccine Effectiveness in the Department of Defense (PAIVED): Results from a Multi-
		Outbreaks In Military Settings		site Trial
3	113	Update In Emerging Infectious Diseases Of Military	Rhonda Colombo	The Molecular Epidemiology and Transmission Dynamics of
		Importance: Predicting And Preventing Future		Acute Respiratory Infections (ARIs) at United States Naval
		Outbreaks In Military Settings		Academy (USNA) during Plebe Summer
3	404	Update In Emerging Infectious Diseases Of Military	Abdulwasiu Bolaji Tiamiyu	Mpox Epidemiology and Vaccine Trial Preparedness Among
		Importance: Predicting And Preventing Future		Adults in Nigeria: Implications for Global Health Security
		Outbreaks In Military Settings		
3	412	Update In Emerging Infectious Diseases Of Military	Simon Pollett	Proteomic and transcriptomic signatures of SARS-CoV-2
		Importance: Predicting And Preventing Future		associated myocarditis cases in the Military Health System
	422	Outbreaks In Military Settings New Approach Methodologies And Novel In Vivo	Carrale Chack Barr	Description of Human Missaelia Desident Teella and
3	423		Sounak Ghosh Roy	Reconstitution of Human Microglia, Resident T cells, and
		Models For The Development Of Infectious Disease Countermeasures		ACE2 in Brain of the Human-Immune-System Humanized DRAGA Mouse as Therapeutic Targets for Infection-
		Countermeasures		Mediated Neurological Disorders
3	501	New Approach Methodologies And Novel In Vivo	Peter Bedocs	Development and characterization of a novel two-hit swine
		Models For The Development Of Infectious Disease		model of ARDS
		Countermeasures		
3	503	An Ounce Of Prevention: Next Generation Vaccines	Simon Pollett	Antigenic characterization of SARS-CoV-2 variants using
		And Passive Immunoprophylaxis To Enhance		hamster and human sera and antibody landscape methods:
		Warfighter Readiness		implications for future coronavirus vaccine development
3	506	An Ounce Of Prevention: Next Generation Vaccines	Thujitha Thuraisamy	mRNA vaccine candidate selection via cell surface antigen
		And Passive Immunoprophylaxis To Enhance		detection for development of next generation vaccines
		Warfighter Readiness		
3	708	Non-Traditional Treatments And Delivery Strategies	Ashley Ball	Nimbolide reduces biofilm formation by ESKAPEE
		For Wound Infections And Sepsis		pathogens
3	711	Non-Traditional Treatments And Delivery Strategies	Tai Huynh	Exploration and Identification of Natural Compounds to
		For Wound Infections And Sepsis		Advance Antimicrobial Solutions and Wound Care
3	725	Innovative Technologies And Devices For	Kylie Rapso	Understanding the Crosstalk of Local and Systemic Cellular
		Treatment Of Battlefield Wounds In Prolonged Care		Networks in Military Trauma Patients
		To Prevent Infection		

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Session	Number			
3	901	Strategies For Mitigating The Development Of Post- Traumatic Wound Infections With Multi-Drug Resistant Organisms Across The Continuum Of Care	Erica Sercy	Management of Invasive Fungal Infections in War Wounds: Assessment of Practice Guidance
3	925	Musculoskeletal Injury Prevention: Highlighting Vulnerable Warfighters	Mingqiang Ren	Causal Relationship between Multiple Clinical Factors and Limb Fractures: Mendelian Randomization Analysis of UK Biobank and FinnGen Data
3	1003	Musculoskeletal Injury Prevention: Highlighting Vulnerable Warfighters	Sarah Prabhakar	Musculoskeletal Injury risk in seriously injured soldiers who have completed the Warrior Care and Transition Program
3	1411	Advances In Regenerative Medicine From Point Of Injury To Definitive Care And Beyond	Donald Jr Aduba	Treatment of Cellular Spheroids with Bioactive Peptides to Support Human Hair Follicle Neogenesis in Xenografts
3	1412	Advances In Regenerative Medicine From Point Of Injury To Definitive Care And Beyond	Sandhya Xavier	Dermal Epidermal Composites Treated with Bioactive Peptides Show Improved Graft Durability and Epidermal Thickness
3	1416	Advances In Regenerative Medicine From Point Of Injury To Definitive Care And Beyond	Christopher Fellin	A Combinatorial Strategy for Peripheral Nerve Repair Utilizing Photobiomodulation Therapy (PBMT) and 3D Printed Collagen Nerve Conduits
3	1725	Optimizing The Human Weapon System: Utilizing Wearable Sensors To Inform Readiness Across The Joint Force	Josh Chenoweth	Wearable Biosensor Captured Data Predicts Outcomes in Patients with Severe Infections in Austere Settings
3	1808	Genetic Readiness Of The Force: Genetics And Integrative Omics For Optimizing Warfighter Health And Performance	Shyh-Han Tan	Proteogenomic analyses of prostate cancers from patients of African and European ancestries in a military patient cohort identify novel signatures of aggressive disease
3	1922	Exertional Heat Stroke: What'S New In Prevention, Management And Return To Duty	Nyamkhishig Sambuughin	Genomic Study Reveals Role of Cardiomyopathy Gene Variants in Exertional Heat Illness
3	2010	Global Health Engagement Research In Combatant Commands	Jessica Jackson	Development of a Patient Encounter and KSA Checklist for Emergency Medicine Military Physicians in Austere Environments
3	2014	Human Performance Optimization In Polar Environments	Francis Lantry	The Global Health Engagement Research Initiative (GHERI): An Intra- and Extra-mural Approach to Funding Global Health Engagement (GHE) Research in Support of the Unified Combatant Commands
3	2019	Global Health Engagement Research In Combatant Commands	Ajay Parikh	Global Health Engagement and Capacity Building via the African Cohort Study (AFRICOS): HIV-1 Sequencing and Drug Resistance Testing in sub-Saharan Africa

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3	2022	Global Health Engagement Research In Combatant	Ramey Wilson	Preparing for War: Global Health Research Interoperability
		Commands		Program Highlighting Approaches Needed for Defense
				Support (GHRIP-HANDS)