

**Military States COT Resident Paper Competition, 2024 MFSES
September 10, 2024**

Session I: 0840-1020

Order	Time	Presenter	Abstract Title	Category	Service
1	0840	Lauren Heyda, MD	NOVEL SILICON-BASED HEMOSTATIC MATRIX IMPROVES VESSEL PATENCY RATES IN A COAGULOPATHIC PORCINE MODEL WITH PENETRATING ARTERIAL INJURY	Basic Science	Army
2	0850	Phillip Kemp Bohan, MD	A COMPARISON OF MANAGEMENT STRATEGIES AND OUTCOMES OF MILITARY AND CIVILIAN MODERATE- AND HIGH-GRADE LIVER INJURIES	Clinical	Army
3	0900	Jimmy Grandinette, MD	BATS: BATTLEFEILD AERIAL TRANSFUSION SYSTEMS	Basic Science	Army
4	0910	Ashley Flinn Patterson, MD	BRIDGING THE GAP IN WARTIME HEMORRHAGE CONTROL: ENDOVASCULAR DETECTION AND TREATMENT OF NON-COMPRESSIBLE TORSO HEMORRHAGE IN A SWINE MODEL	Basic Science	Army
5	0920	Emily Baird, MD	DEVELOPING A MILITARY UNIQUE CURRICULUM: PRELIMINARY RESULTS FROM MILITARY SURGERY SUBJECT MATTER EXPERTS UTILIZING A MODIFIED DELPHI STUDY	Clinical	Army
6	0930	Luke Pumiglia, MD	DICHLOROACETIC ACID (DCA) IS ASSOCIATED WITH CARDIOPROTECTIVE EFFECTS AND INCREASED LACTIC ACID CLEARANCE IN A PORCINE MODEL OF HEMORRHAGIC SHOCK	Basic Science	Army
7	0940	Joseph Aryankalayil, MD	INSIGHTS INTO THE GLOBAL LANDSCAPE OF CIVILIAN-MILITARY TRAUMA SYSTEM INTEGRATION THROUGH A COMPREHENSIVE SURVEY	Clinical	Army
8	0950	Olivia G. Parry, DO	QUALITY MEASUREMENT IN MILITARY CIVILIAN PARTNERSHIPS: ASSESSING SITE PERFORMANCE IN MAINTAINING MILITARY TRAUMA SURGEON READINESS	Clinical	Army
9	1000	Jeffrey Conner, MD	STRATIFYING EARLY RISK OF DEATH FROM HEMORRHAGE IN THE ERA OF WHOLE BLOOD	Clinical	Army
10	1010	Luke Pumiglia, MD	SURGICAL SYMBIOSIS: A NOVEL MODEL FOR PARTNERSHIP BETWEEN A MILITARY TREATMENT FACILITY AND COMMUNITY PARTNERS FOR TRAUMA AND ACUTE CARE SURGERY	Clinical	Army

Session II: 1315-1445

Order	Time	Presenter	Abstract Title	Category	Service
11	1315	Andrew Fisher, MD, MPAS	AN ANALYSIS OF JUNCTIONAL TOURNIQUET USE WITHIN THE DEPARTMENT OF DEFENSE TRAUMA REGISTRY	Clinical	Air Force
12	1325	Tesserae Komarek, MD	DOES HYPERTONIC SALINE AFTER DAMAGE CONTROL LAPAROTOMY IMPROVE PRIMARY FASCIAL CLOSURE? A MULTI-CENTER RANDOMIZED CONTROL TRIAL	Clinical	Air Force
13	1335	Anthony Brusnahan, DO	ENDOVASCULAR VS OPEN MANAGEMENT OF TRAUMATIC ILIAC ARTERY INJURIES: A REVIEW OF THE AAST PROSPECTIVE OBSERVATIONAL VASCULAR INJURY TREATMENT (PROOVIT) REGISTRY	Clinical	Air Force
14	1345	Elise Fannon, MD, MPP	USING KSA METRICS TO DETERMINE THE EXPEDITIONARY READINESS VALUE OF ACUTE CARE SURGERY FELLOWSHIP	Clinical	Air Force
15	1355	Dyllan Griffiths, MD	ON TWO WHEELS AND IN HARM'S WAY: MORBIDITY OF MOTORCYCLE INJURIES IN ACTIVE DUTY MILITARY	Clinical	Navy
16	1405	Laurinda Jackson, MD	METHAMPHETAMINE, COCAINE, AND TRAUMATIC BOWEL INJURY: A DANGEROUS COMBINATION	Clinical	Navy
17	1415	Emily Norris, MD	THE EFFECTS OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY ON NEGATIVE OUTCOMES AND MORTALITY IN TRAUMA	Clinical	Navy
18	1425	Casey Erwin, MD	TO CUT IT BLUNTLY: LAPAROSCOPY SHOULD BE UTILIZED MORE FREQUENTLY IN BLUNT ABDOMINAL TRAUMA	Clinical	Navy
19	1435	Ben Havko, DO	NO DIFFERENCES IN NON-PERFORATED PEDIATRIC APPENDICITIS BASED ON HOSPITAL TYPE IN CALIFORNIA	Clinical	Navy