

Mission Zero Act Federal Grant Award to Support Military Partnership: the UMC Experience

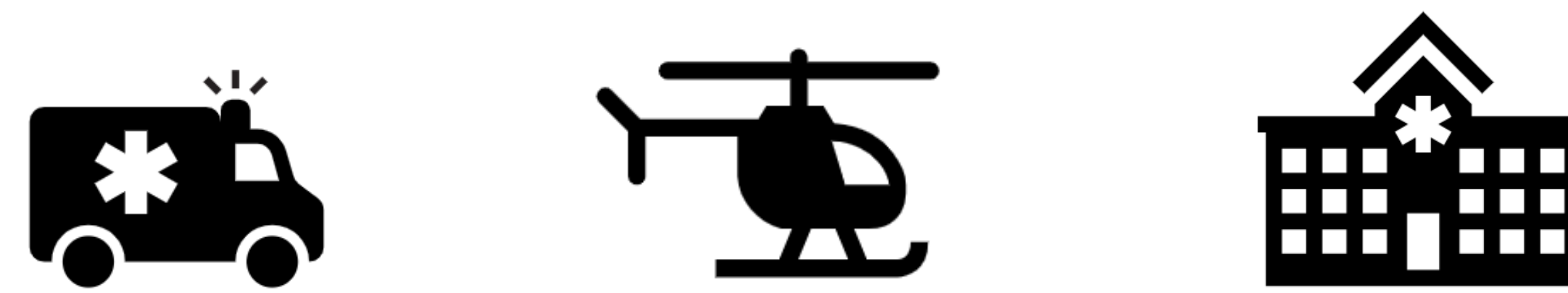


Allison Andersen, APRN, ACNPC-AG, CCNS, FCCM; Shana Tello BSBA, MPA; Roxana Medesan, BS
Robert McClaren, BSN, RN, CTSR; Nicole Owens, BS, MBA

BACKGROUND

University Medical Center of Southern Nevada is one of 25 centers in the United States awarded funds from the Mission Zero Act via the Department of Health and Human Services. This funding was made available by Congress to support the integration of military teams into daily patient care operations in civilian trauma centers. Mission Zero refers to the National Academy of Sciences, Engineering and Medicine's (NASEM) goal of achieving zero preventable deaths. In its 2016 report, NASEM outlined 11 recommendations aimed toward this goal, one being the establishment of military-civilian partnerships.

UMC is the largest military civilian partnership in the country with over 400 rotating military medical professionals participating yearly.

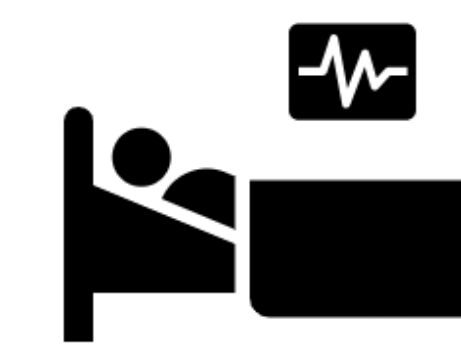


Medical Specialties Participating in the Las Vegas Military-Civilian Partnership

Provider	Nurse	Enlisted Technician	Ancillary	GME Positions
Acute Care Nurse Practitioner	Critical Care Nurse	OR Technician	Pharmacist	General Surgery
Otolaryngology	Emergency Nurse	Aerospace Medical Technician	Dietician	Emergency Medicine
Trauma Surgery	Med-Surg Nurse	Respiratory Therapist		Gynecology and Obstetrics
General Surgery	Surgical Nurse	Respiratory Therapist Student		Pulmonary Critical Care Medicine
Plastic Surgery		Radiology Technician		General Surgery Preliminary
Ophthalmology		Physical Therapy Technician		
Gynecology and Obstetrics				
Pulmonary Critical Care Medicine				
Pediatric Critical Care Medicine				
Emergency Medicine				
Colorectal Surgery				
Internal Medicine				
Orthopedic Surgery				
Emergency Medicine Physician Assistant				
Anesthesiology				
Nurse Anesthesia				

Projected Providers Participating in the LV-MCP in 2024

Nurse Practitioner (NP)	5
Certified Registered Nurse Anesthetist (CRNA)	5
Dietitian	3
Physician (DO)	3
Physician (MD)	80
Emergency Medical Technician (EMT)	125
Respiratory Therapist (RT)	70
Surgical Technician	34
Radiology Technician	6
Pharmacist	3
Physician Assistant	10
Physical Therapy Technician	3
Registered Nurse (RN)	170
TOTAL	517



LAS VEGAS OFFICE OF MILITARY MEDICINE READY MEDICS • COMMUNITY SERVICE



ACKNOWLEDGEMENTS

The grant team wishes to acknowledge the following individuals without which this project would not be possible:

Jeremy Kilburn, MD, FCCP
Deborah Kuhls, MD, FACS, FCCM, FRCST (Hon)
Debra Fox, PhD(c), RN, MS, CNS, CENP
Lisa Rogge and Trauma Services Team
Bonnie Long, Andi Strohl, Steven Hughey
Jed Fontelera and Jheverly Malabanan
UMC Staff and civilian partner clinicians working with military medics at the bedside everyday.

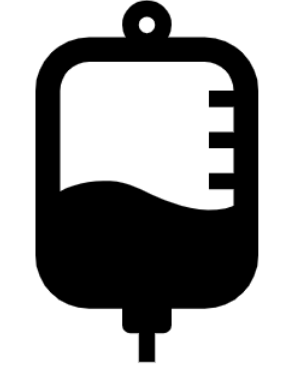
RESULTS YEAR 1



415 Military Medics Trained

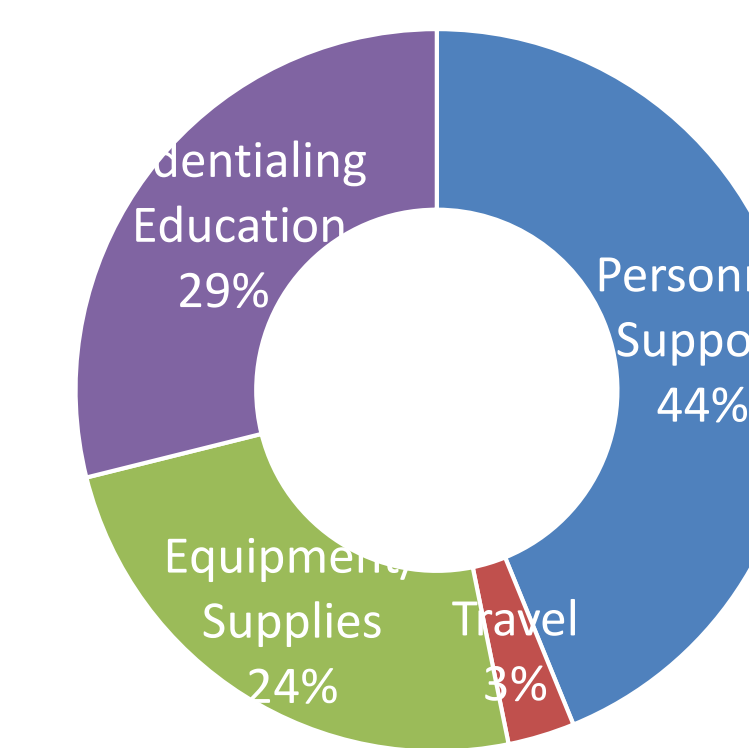


2 Peer-Reviewed Articles published
2 Podium Presentations

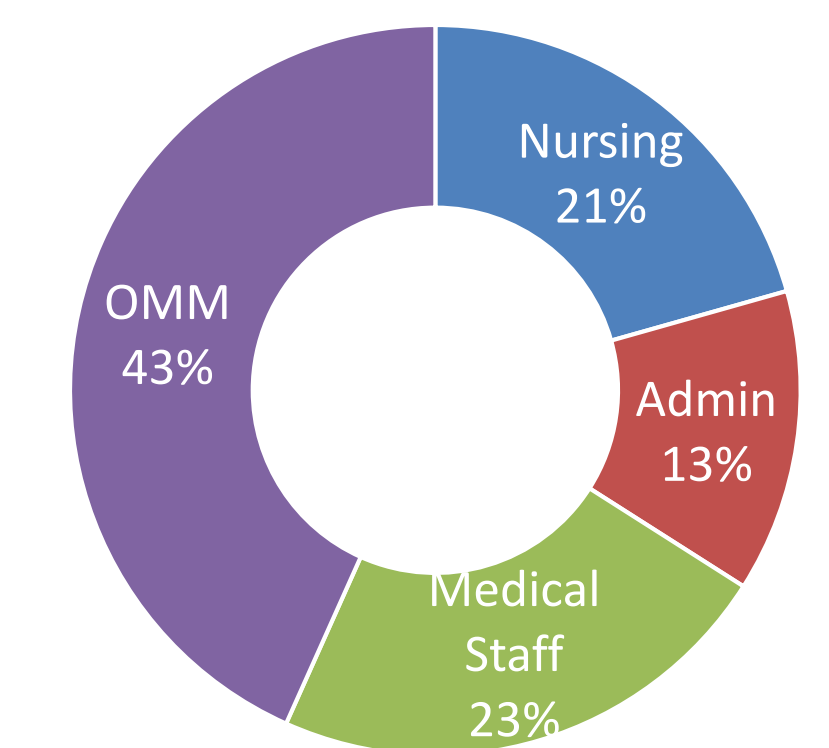


1,379 Trauma Cases by Military Trauma Surgeons

Year 1 Expenditures



Department Support

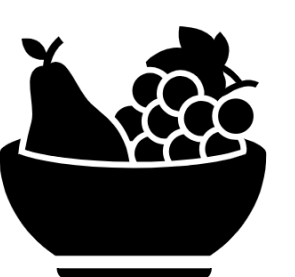
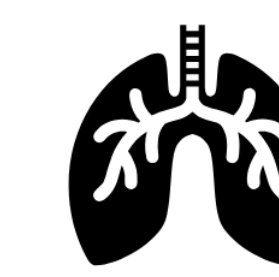


FUTURE DIRECTIONS

Year 2 funding requested to support military team dynamics

Innovative research projects underway to shape the future of military expeditionary skills acquisition

Addition of 4 specialty rotators in 2023: Pharmacists, Radiology Technicians, Physical Therapy Assistants, and Dietitians



REFERENCES

MILITARY MEDICINE, 06, 061, 2023
Beyond Trauma: High-Volume Critical Care Medicine in a Military Medical Center-Based Military-Civilian Partnership
Col Jeremy P. Kilburn, MD, FCCP; Lt Col Stephanie M. Streit, MD, FACS; W. Patrick Luan, PhD; CAPT Jamie Livsey, MS (PhD); Angelica Herberg, MD; Buddhadab Dawn, MD; Col Ryan G. K. Mirra, MD, MPH, CPE; Col Robert J. Cameron, MD; Col Renee L. Matos, MD, MPH; Col Terrence P. Loneragan, MD; LTC Robert J. Walker, MD, DHCE; Col Bryan D. Szalwinski, MD; Col. Sean W. Doolittle, MD; Lt Col Edward T. McCann, MD; Col James B. Sampson, MD, FACS; CAPT Steven P. Praska, DO; Col Jennifer M. Gurney, MD, FACS; Col. Cristin A. Mount, MD, MACP, FCCM

The Las Vegas military-civilian partnership: An origin story and call to action

Jeremy P. Kilburn, MD, FCCP; Stephanie Streit, MD, FACS; John J. Degees, MD, FACP; Allison Andersen, APRN, FCCP; Michael Gardner, MD, MPH, MHA; Douglas R. France, MD, FACS, and John F. Biko, MD, FACS, FCCM. Las Vegas, Nevada

