



MOMRP

Mission and Portfolios



Develop effective biomedical countermeasures against operational stressors and to prevent physical and psychological injuries during training and operations in order to maximize the health, readiness and performance of Service members and their Families, in support of Multi-Domain Operations, Army CFT and SECDEF Lethality Priorities, and Human Performance Optimization & Enhancement and DoD Total Force Fitness concepts.

JROC approved Joint Military Operational Medicine Initial Capabilities Document, NOV 2018

Science

ENVIRO

Environmental Health and Protection

THREATS

- Heat/Humidity Stress
- Dehydration
- Cold Stress
- Dust/Air Pollution
- Toxic Industrial Chemicals/Materials
- Water Contaminants
- Altitude & Undersea Hypoxia

INJURY

Injury Prevention and Reduction

THREATS

- Musculoskeletal Injury
- Blast Overpressure
- Blunt Head/Body Trauma
- Face/Eye/Spinal Injury
- Acoustic Trauma
- Directed Energy Injury
- Degraded Visual Environment

PHYSIO

Physiological Health and Performance

THREATS

- Disaggregated/Continuous Operations
- Sleep Deficit and Circadian Desynchrony
- Sustained Fatiguing Work (Physical/Mental)
- Malnutrition
- Dietary Supplements Misuse

PSYCH

Psychological Health (PH) and Resilience

THREATS

- PTSD/Other PH Disorders
- Suicide Behavior
- Alcohol/Other Drug Use
- Co-occurring Mental Disorders
- Access/Retention in Behavioral Health Care
- Family Transitions and Well-being

MILCOHORT Epidemiology Efforts
 Biomedical Performance Enhancement
 Wearables for Health, Readiness and Performance

Service Member



MOMRP Solutions Across the Military Lifecycle



Developing and Maintaining a Ready and Resilient Force

