Day 1 Recap:

Military App Session, Open Discussion & Generating Prioritized List

- Metabolic expenditure
- Prioritized user requirements
- Industry wants a common baseline (minimum) set of TMs & metrics based on the "type" of system (e.g. all "walking" devices..) (registry/common uniform data set)
- Categories of Systems (e.g. speed, donning and doffing); easily sized; emergency doffing
- Determine how to measure comfort
- Standard means to determine load transfer
- Strength endurance
- Menu of tasks to fulfill with system (?); usability issues, performance/safety, workload
- How assess reliability (MTBF?); level of maintenance
- Field and lab testing protocols
- Additional physiological measurements, impacts (e.g. EMG, pressure across joints
- Need to identify tradeoffs user willing to make, to include thresholds
- Basic safety features
- Definition of tethered vs untethered…how far must be able to walk?
- Subject categorization / who are the ideal subjects? (demographics)
- Operating duration
- How modular? How adaptable?