

2016-17:

Novel Augmentation for Enhanced Soldier Performance

This call is for internal and external technologies, tools, devices, and supplements to extend inherent physiological and cognitive performance. These include, but are not limited to: (i) Load carriage assistance technologies that can offset soldiers' load and enhance endurance, (ii) Physical strength and cognitive enhancement devices and (iii) continuous multi-parameter/molecular marker vital sign monitoring. The devices should be lightweight and should not limit the soldiers' mobility when donned. These devices should also be compatible with current field packs and integrated load bearing vest such that physical interference is minimized. This call excludes design of new backpacks.