



US DEPARTMENT OF DEFENSE

# BLAST INJURY RESEARCH PROGRAM COORDINATING OFFICE

## Threat Analysis

### Physical Evidence Recovery to Support Threat Assessments

The JTAPIC partnership enables a linkage between the medical and intelligence communities, which allows much more accurate assessments of threat capabilities and weapons proliferation. In this case, the National Ground Intelligence Center (NGIC) works routinely on site with the Armed Forces Medical Examiner reviewing threat munition components recovered from autopsies, explosive residue from clothing and other equipment, and threat weapon effects on personnel. This extremely effective relationship continued in FY15 when several unique munitions and threat weapon blast effects were identified. This process also enables a better understanding of the use of threat weapons by providing insight into the engagement ranges and tactics that threat forces employ. The data are shared with the RDT&E community in order to better design mitigation technologies. The ability to obtain this physical and medical evidence is just as important in military attack scene investigations and analysis as it is in law enforcement crime scene investigations. Every piece of the attack investigation can provide a wealth of information on not only the event and its outcome but it can help understand how to mitigate future similar events and threats. It also helps to understand how friendly TTPs can be adjusted or improved to protect Service Members, and it can provide early warning of an unknown or previously undetected threat, such as new ammunition, weapons and explosives.