



# TBI Registries

---

*UNCLASSIFIED*

**Tammy Crowder**  
**Neurotrauma Research Portfolio Manager**  
**DoD Combat Casualty Care Research Program**

**3 MAR 2016**



# Study Databases



## Research Study Information

- Federal **RePORTER** - Research Portfolio Online Reporting Tools
  - Searchable database – all DoD, VA, and NIH-funded research
- Electronic Grants System – EGS
- Electronic Data Management System - EDMS

## TBI Research Data Information

- FITBIR – Federal Interagency TBI Research
  - Data from TBI research funded by DoD, VA, and NIH
- Institutional Servers
- Study specific databases



## Injury Event/Casualty Information

- DODTR - Department of Defense Trauma Registry
  - Largest combat injury database in existence
  - Nearly 80,000 patients, more than 130,000 records (as of April 15)
  - Patients with TBI can be identified by AIS Scores, TBI ICD codes
  - Few concussions/mild TBIs are captured



# DoDTR TBI Module



- Ancillary database structure to the DODTR
- Designed to facilitate abstraction of more detailed TBI data such as
  - GCS
  - MACE score
  - LOC
  - Post-traumatic/Retrograde amnesia
  - Symptoms    Imaging results
  - ICD diagnosis classification
  - TBI-related injury details
  - Polytrauma details
  - Helmet worn (yes/no)
  - Disposition



# Research Biorepositories



- NINDS Biorepository
- NIDILRR Traumatic Brain Injury Model Systems (TBIMS)
- Uniformed Services University of the Health Sciences-Center for Neuroscience and Regenerative Medicine (CNRM)
  - DVBIC 15 year Longitudinal TBI Study
  - Service Academy cadets/midshipmen arm of NCAA CARE Study
- DoD/VA Chronic Effects of Neurotrauma Consortium (CENC)
- Transforming Research And Clinical Knowledge in TBI (TRACK-TBI)



# Keys to Success



- Collaboration
- Infrastructure support
- Common platform for research data and data sharing (FITBIR) – tying requirement to funding
- Incorporation of legacy datasets/databases – consider efficiency of merging versus integration