



C-WMD Scientists in Motion

Defense Threat Reduction Agency

Chemical & Biological Technologies J9-CBOE

LTC Barry McDowell, DTRA, Combat Developer
LTC Mary Miller, 20th CBRNE, Microbiologist

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Scientists in Motion

Scientists in the Foxhole



Scientists in the Silos Scientists on the Flight Line

Scientists at Sea



Scientists in the Sand



Scientists in Motion

Key Goals:

- Develop opportunities to put C-WMD scientists that are relatively new to DoD in operationally relevant environments
- Experience current baseline of operational capabilities and conditions up close and personal



“As a former chemical officer, I recalled many instances where the troops around me complained that the “20-pound heads” who developed equipment for the force just didn’t get it.... So six months ago, I initiated the “scientist in the foxhole” program”

-Dr. Ron Hann, J9-CB via DTRA Blog



Scientists in the Foxhole

- Hosted by the U.S. Army's 20th CBRNE Command at the National Training Center, Ft. Irwin California in February & October of 2015
- During the 20th CBRNE CAPEX at Edgewood Arsenal, Maryland in December 2015
- **Scientists in the Foxhole Alumni**

- 20th CBRNE
- DTRA J9
- ECBC
- NRL
- LANL
- MRICD
- USAMRIID
- RDEC/ECBC
- NSWC Dahlgren
- Natick Soldier RD



Scientists at Sea



- Hosted by NSWC Dahlgren at Norfolk Ship Yard in August of 2015
- Scientists at Sea Alumni
 - NSWC Dahlgren
 - OSD / NCB
 - DHS / TSA
 - DTRA J9
 - NRL





Scientists in the Silos

- Hosted by the U.S. Air Force & DTRA J3 at Patrick AFB, Florida in December 2015
- Scientists in the Silos Alumni
 - DTRA J9
 - DTRA J3





Scientists in Motion

Future Events & Objectives:

- Scientists on the Flight Line hosted by the U.S. Air Force Air Combat Command 823 Red Horse Squadron at Tyndall AFB, Florida in February 2016
- Scientists in the Foxhole hosted by the U.S. Army's 20th CBRNE Command at the National Training Center, Ft. Irwin California in July 2016
- Scientists in the Sand with the U.S. Marine Corps CBIRF
- Scientists at Sea with the USNS *Comfort*
- Soldiers in the Lab





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