

# Chemical/Biological Exposure Database- Related Programs Update and Overview of MHS Medical Countermeasures

**September 17, 2009**



1. Review the three database programs maintained by OSD (HA with AT&L) containing information on veterans exposed to chemical and/or biological agents:
  - a) Mustard-Lewisite
  - b) Project 112/Shipboard Hazard and Defense (SHAD)
  - c) CB Follow-on database
2. Update on GAO report (GAO-08-366)
3. Describe FHP&R Website and Outreach ongoing
4. Describe new DoD/VA shared exposure database site



# Chemical/Biological Exposure Databases



**Mustard –  
Lewisite**



**Project 112/SHAD**



**CB Follow-on database**



## **Mustard - Lewisite**

- 6300+ names collected
- 4626 exposed
- Compiled by DMDC\*
- Active search completed
- VA has copy

## **Project 112/SHAD**

- 6,440+ names collected
- No individual exposure data
- Compiled by OSD (HA)
- VA has copy

## **CB Follow-on Database**

- 13,055+ names collected
- VA has copy & receives updates
- new shared access for FY10
- Edgewood and LSD exposures
- Search locations (19 total)
  - Dugway Proving Ground
  - Fort Detrick
  - Edgewood Historical office
  - Rocky Mountain Arsenal
  - Nineteen (19) locations total
- AT&L data collection thru 2011

\*Defense Manpower Data Center (DMDC), California



## Mustard Lewisite Database

- Exposures during and immediately after WW II
- Collected in mid-1990s
- 6300+ names collected, of which 4626+ exposed to mustard or lewisite (others – no agent, equipment tests)
- No dose information collected (full body, arm test etc.)
- OSD (HA) continuously maintains documentation
- Active search for WW II completed and considered “closed”—but database is still open to new entries as discovered or reviewed



## Project 112/SHAD Database

- Work began in CY 2000; although “active” searching project for names suspended in CY 2003, DoD is open to receiving new information
- Continue to pursue all leads from veterans (via outreach to VSOs, MSOs, print releases and articles, telephone hotline and FHP&R website)
- 6,442+ names in database
- No individual exposure data
- Institute of Medicine (IOM) study on health effects completed CY 2007



## CB Follow-on Database

- Collection program began in 2005 and will continue through 2011 by OSD AT&L
- Includes all exposures from WWII to present which are not included in other databases
- To date, over 13,055 names in database
- Includes:
  - Exposures from testing, accidents, etc
  - Included in this is information on ~thousands of individuals who participated in tests (e.g., equipment testing) with no agent involved or blank entries with no information
- Detailed exposure, treatment and test information on many exposed for various test protocols

## CB Follow-on Database (con't)

- Over 400 compounds involved, including:
  - Chemical agents (GB, VX, etc.)
  - Biological agents and vaccines
  - Hallucinogens (e.g., LSD)
  - Treatments (e.g., atropine)
  - Medicines (e.g., benadryl)
  - Inerts (saline, placebo, simulants, etc.)
- Sites visited for source documents include: Edgewood Arsenal, Ft Detrick and Dugway PG – about half of the sites completed to date (ongoing thru 2011)
- Ongoing data collection shared with VA and part of the new shared DoD/VA web-enabled database for FY10

- GAO report (28 Feb 2008) recommended:
  - Increasing transparency for our efforts
    - Briefings to VSOs/MSOs ongoing future
    - Continually updating FHP&R website on CB exposures (<http://fhp.osd.mil/CBexposures>)
    - Available fact sheets
  - Resolving database issues
    - Short term – shared “web-based” database; currently designed for launch on Sept. 30, 2009
    - Long term – Monthly updates to DoD/VA shared database and continuous process improvements



- Shared DoD/VA web-enabled databases will enhance the timeliness and capabilities of DoD and VBA to access information in compliance with GAO recommendations to better serve US Veterans and their families
- Shared database will be internal US GOV for DoD and VA
- Limited access for approved Government staff members as they are assisting Veterans in all regional offices
- Sample screen shots of in final development site

Chem-Bio Login

User Name:

Password:

☐ Remember me next time.



# Chem Bio Database



U.S. Department of Defense and Veterans Affairs

## Chemical Biological Warfare Exposure System

[Log-Out](#)

http://

The appearance of

Home Search Reports Admin Tools Support Thursday, September 03, 2009

Provided by **FORCE HEALTH** PROTECTION AND READINESS

[Change Request](#) [Search Options](#) [Letter Generation](#)

Welcome Discussion Board Hot Topics

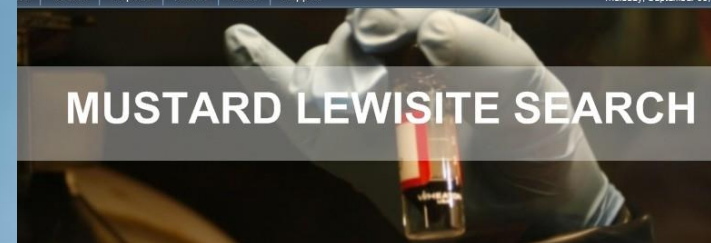
Welcome to the Chemical and Biological Warfare Exposure System etc. etc. etc.

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U.S. Department of Defense and Veterans Affairs

## Chemical Biological Warfare Exposure System

Home Search Reports Admin Tools Support Thursday, September 03, 2009



Quick Look-Up Veterans Chem-Bio SHAD Mustard Lewisite



To query by:  
Agent Name, Test Start Date, Test Stop Date.

U.S. Department of Defense and Veterans Affairs

## Chemical Biological Warfare Exposure System

Home Search Reports Admin Tools Support Thursday, September 03, 2009



Quick Look-Up Veterans Chem-Bio SHAD Mustard Lewisite

### Quick Look-Up

To quickly find a Veteran, choose an option from the drop down list.

U.S. Department of Defense and Veterans Affairs

## Chemical Biological Warfare Exposure System

Home Search Reports Admin Tools Support Thursday, September 03, 2009



Quick Look-Up Veterans Chem-Bio SHAD Mustard Lewisite

Personnel Search

To query by:

First Name, Last Name, Social Security, ServiceID, Date of Birth, City, State or Postal Code.



## FHP&R Exposure Website

- Website with sections dealing with World War II and Cold War exposures, incorporating existing Project 112/SHAD exposure data - launched Sept 2008
- New "Briefings and Reports" section for access to key documents (e.g., IOM SHAD study, GAO report 08-366)
- References inquirers to call FHP&R/DoD hotline, dial 1 - (800) 497-6261
- E-mail link allowing veteran to contact FHP&R with questions, information on tests, etc.
- Updated and expanded Frequently Asked Questions (FAQ) section
- URL: <http://fhp.osd.mil/CBexposures> - samples next pg.





# Main Home Page:

<http://fhp.osd.mil/CBexposures/>



## CHEMICAL-BIOLOGICAL WARFARE EXPOSURES

HOME

WORLD WAR II

PROJECT 112/SHAD

COLD WAR

BRIEFINGS & REPORTS

FAQS

### The Chemical-Biological Warfare Exposures Site

The Department of Defense (DoD) and the Department of Veterans Affairs (VA) play distinct roles in dealing with chemical and biological (CB) exposures. DoD identifies and validates veteran's exposure to CB agents (What was he exposed to? When and Where was he exposed?) and provides the names of these individuals along with their exposure information to the VA. The VA then notifies individuals of their potential exposure, provides treatment, if necessary, for these individuals and adjudicates any claim for compensation.

#### What's on the Site?

##### WORLD WAR II

Provides information on potential exposures from testing during and immediately after World War II.

##### PROJECT 112/SHAD

Provides information on the testing conducted during the 1960s and 1970s under the auspices of the Desert Test Center and potential veteran exposures.

##### COLD WAR

Provides information on exposures from chemical and biological tests for the 1945-1975 timeframe not contained in either the World War II or Project 112/SHAD sections.

This Web site is designed to provide Service members, veterans, their families and the public with information on what happened during CB testing conducted years ago that potentially affected the health of those who served. This Web site provides information on the tests conducted by DoD that possibly resulted in CB exposures only. For privacy reasons, it does not contain the names of the veterans exposed.



Since the end of World War II, DoD periodically evaluated the CB threat and the ability of U.S. forces to fight on a chemical and biological battlefield. In some programs Service members were present but not test subjects and in other programs they were volunteer human subjects. Testing of biological agents on human subjects ended in 1969; testing of



## Got Questions??

Click Contact Us on the home page or go to:

<http://fhp.osd.mil/CBexposures/question.jsp>

### Contact Us

#### Questions?

If you need help verifying your possible participation in any of the tests or have information about the testing, please click below or call the Department of Defense's (DoD) contact managers at (800) 497-6261, Monday through Friday, 7:30 a.m. to 4 p.m. EST.

**CONTACT US**

For answers to CB Exposures questions, please complete the form below.

To successfully route your e-mail inquiry, please complete the e-mail and subject fields. Failure to complete these fields will result in a failed delivery of your inquiry to the appropriate area.

*\* Required Field*

\* First name:

\* Last name:

\* Email:

\* Purpose: ☐ World War II ☐ Dugway Proving Grounds  
☐ Project 112/SHAD ☐ Field Testing of Agents  
☐ Fort Detrick ☐ Other  
☐ Edgewood Arsenal

\* Issue: Please keep comments general regarding your issue. Please do not submit ID numbers, addresses (other than e-mail), or other personally identifying information with your question.

**Note:** We do not obtain information about you when you visit our Web site unless you choose to provide us such information. When you submit your question, any contact information that you provide will be used solely to respond to your request.

Submit

Reset



## New FHP&R Exposure Website (cont'd)

- Outreach Efforts for FHP&R and the Website
  - Press release, Dr. Kilpatrick's blog, video, feature article, and Dr. Kilpatrick's interview on BlogTalk radio posted on the MHS Web site ([www.health.mil](http://www.health.mil))
  - Press release and feature article posted on the FHP&R Web site (<http://fhp.osd.mil>)
  - DefenseLink article posted on the DoD Web site ([www.defenselink.mil/news/](http://www.defenselink.mil/news/))
  - Updated information and web review periodically



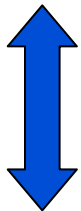
## New FHP&R Exposure Website (cont'd)

- E-mail inquiries (hundreds) have been received via the new website:
  - Most are descriptive and self-identified (e.g., "I was stationed at... and when..."; "Am I in the database? .. Can you confirm...."; "My Dad served on... in the.; "I was there and I did...such and such...Am I in the database...." "How do I contact the VA or others?"")
  - Offers of assistance and referrals regularly
  - Many unassociated with the mission of the website yet staff assists appropriately. Such referrals as:
    - Agent Orange; Radiological; Environmental hazards
- FHP&R Strategic Communications Office provides response and follow-up as required.

# Overview and Missions

## Medical Countermeasures Office:

Ensure the safest and most effective CBRN medical countermeasures are available to our Warfighters



## DASD(FHP&R):

- Recruit and maintain a healthy and fit force
- Prevent disease and injury
- Treat and care for those ill or injured



## Military Health System:

Our team provides optimal Health Services in support of our nation's military mission – anytime, anywhere.





## Responsibility - Activities

- **Medical Countermeasures (MCM) policy development**
  - Develop use policies for MCMs (e.g., Dose/Route change for AVA)
  - Advise HA, FHP&R and CBDP leadership on MCM development (e.g., Analysis of Alternatives for Hemorrhagic Fever Viruses)
  
- **CBRN coordination within DoD**
  - Promote MCM requirements (e.g., Work with JRO to develop JCIDS requirements documents)
  - Funding (e.g., FY12 funding of AVIP, SVP)
  - Recommend vaccination use instructions (e.g., MILVAX – operational issues)
  - Provide medical SME support to CBDP and Defense Medical Standardization Board (e.g., Documents for planning, guidelines, and requests)



# Responsibility - Activities

- **Medical Education for CBRN Professionals**
  - Advocate for education funding (e.g., Advanced training courses: Medical Effects of Ionizing Radiation , Medical Management of Chemical and Biological Casualties, Field Management of Chemical and Biological Casualties)
  - Promote development and sustainment of CBRN training capability (e.g., POM and Service coordination)
- **Interagency synchronization of CBRN medical countermeasures**
  - Coordinate with DTRA/JSTO for DHHS/DoD One Portfolio (i.e., Integrated National Biodefense MCM Portfolio)
  - Represented on DHHS Enterprise Executive Council /Enterprise Governance Board
  - Provide medical SME to HSC coordinating committees
- **CBRN Strategic Alignment within MHS and OASD/HA**
  - Enhance awareness of MCM Responsibilities (e.g., Tri-fold Brochure)
  - Interaction with other FHP&R organizations (e.g., Civil Military Medicine, Force Readiness & Health Assurance, International Health)

## Responsibility - Activities

- **Chemical Biological (CB) Tests Repository Program (Co-op with VA/AT&L)**
  - CB Databases: Mustard – Lewisite (WWII), Project 112/Shipboard Hazard and Defense, and Cold War Follow-on
  - CB exposure website: <http://fhp.osd.mil/CBexposures>
  - Responses to/for Veterans with Dept of Veterans Affairs
- **CBRN Medical Dashboard**
  - Modeled after MHS Pandemic Flu Dashboard
  - Reports availability/serviceability of CBRN defense medical materiel



**Thank you for your Service and interest**

## ***Questions?***

- References - inquirers to call FHP&R/DoD hotline,
- dial 1 - (800) 497-6261



# CONTACTS

## **CONTACT INFORMATION:**

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- References inquirers to call FHP&R/DoD hotline, dial 1 - [\(800\) 497-6261](tel:(800)497-6261)