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## Panel 2: Leveraging Partnerships to Enhance RDT&E Mission and Capabilities

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# **2017 Federal Facilities Workshop - Leveraging Partnerships to Enhance RDT&E Capabilities within the DoD Chemical and Biological Defense Program**

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# Chemical and Biological Defense Program (CBDP) Overview

- Introduction
- CBDP Mission
- RDT&E Infrastructure Challenges
- CBDP Partnerships
  - Interagency
  - International



# DoD CBDP Introduction

- Consolidates all DoD Chemical and Biological (CB) Defense efforts into defense-wide funding accounts overseen by a single office within the Office of the Secretary of Defense.
- Established by Congress - 1994 National Defense Authorization Act, Public Law 103-160; Title 50, Chapter 32, Section 1522.

**Vision:** A DoD that addresses CBRN threats and minimizes their effects (CBDP Strategic Plan, 15 June 2012).



# CBDP Mission: Integrated Layered Defense

**Mission: Enable the Warfighter to deter, prevent, protect, mitigate, respond, and recover from CBRN threats and effects as part of a layered, integrated defense**



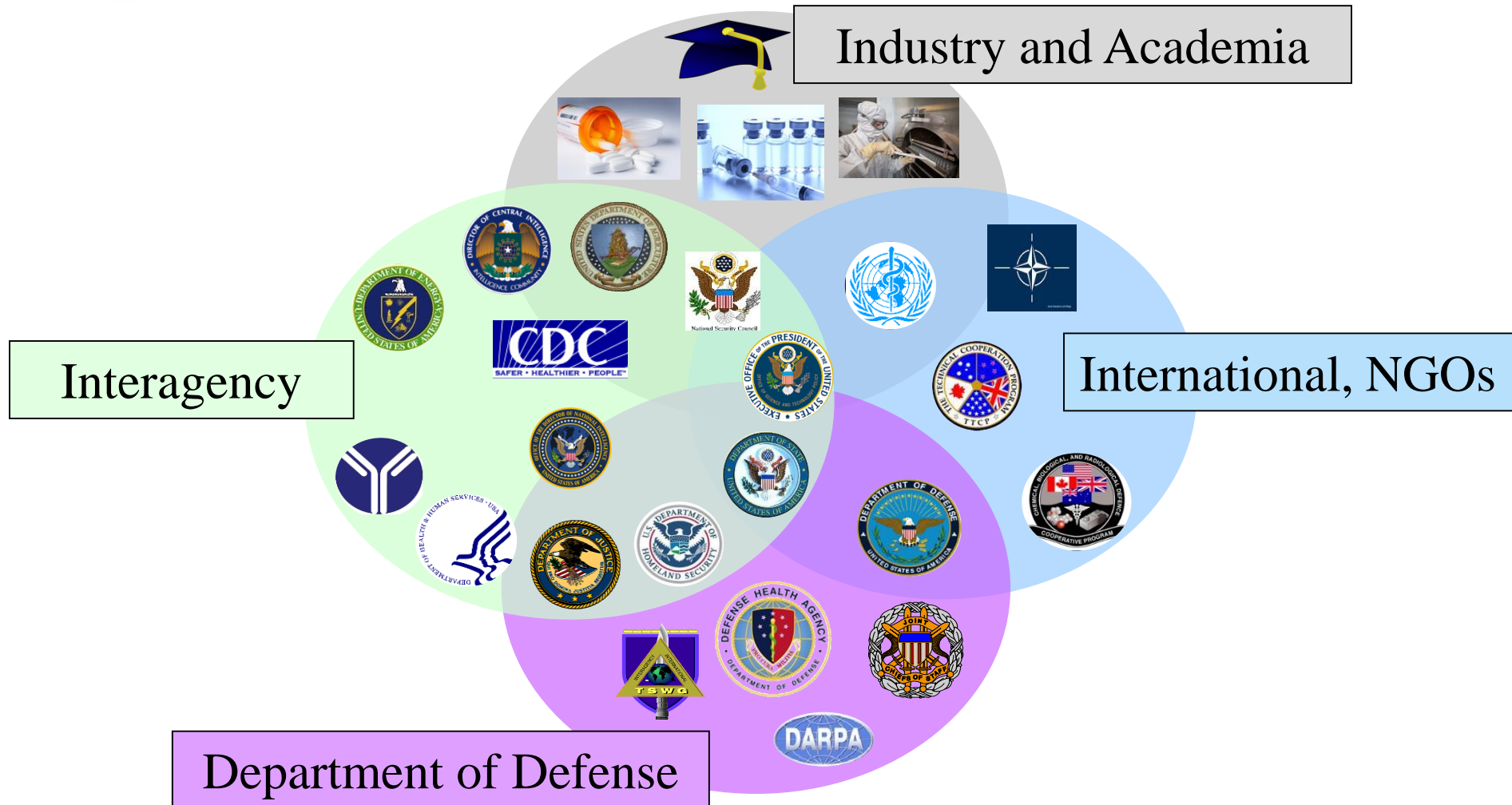


# RDT&E Infrastructure Challenges

- Identifying critical chemical and biological capabilities to meet RDT&E needs of the CBDP Enterprise.
  - Includes the physical, intellectual, and regulatory composition and disposition Enterprise.
- Ensuring infrastructure capabilities are fully aligned to the CBDP Mission.
- Identifying, addressing, and managing potential capability gaps, overlaps, and unnecessary redundancies.



# Partnerships





# CBDP Interagency Partnerships

- The Chemical and Biological Defense Program (CBDP) collaborates with a wide range of partners including industry, academia, NGO's, and other organizations to develop critical capabilities .
- CBDP leverages DoD partners and facilities including:
  - U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID)
  - U.S. Army Medical Research Institute of Chemical Defense (USAMRICD)
  - Edgewood Chemical Biological Center (ECBC)
  - Dugway Proving Ground/West Desert Test Center (WDTC)
- Public Health Emergency Medical Countermeasures Enterprise (PHEMCE)
  - HHS, DoD, and many others
- Interagency CB Defense R&D MOU
  - DHS, EPA, DoD





# CBDP International Partnerships

- The Chemical Biological and Radiological Memorandum of Understanding (CBR MoU) is an agreement between the United States, United Kingdom, Canada, and Australia for the purpose of improving their mutual CBR defense capabilities.
  - An International Task Force (ITF) was formed under the CBR MOU to refine and institutionalize the process for sharing critical test infrastructure between the four countries.
  - Current collaborative efforts between the US and UK through the CBR MOU, are driving towards the development of an International Test Operating Procedure to help validate and verify the new UK Porton Man mannequin and facility to meet US requirements for Protective Ensembles.

