



U.S. ARMY



U.S. Army



# Branch Orientation

## Rules of Engagement

- When joining this session, please self identify in ***“RANK Last Name, First Name”*** format
- Maintain video camera discipline: MUTED, CAMERAS OFF
- Questions & comments are WELCOMED and ENCOURAGED throughout the brief!

(Use the “Hand Raise” button or chat/comment feature)



# Agenda



- **Welcome**
- **Introductions**
- **Chemical Branch Overview**
- **Question & Answer Session**





# Chemical Corps - Mission



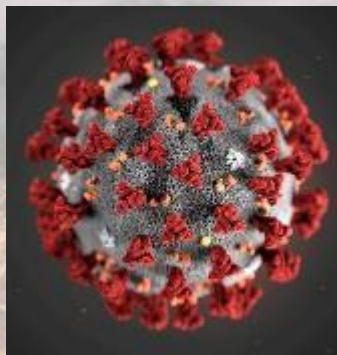
## Mission:

The Chemical Corps conducts operations to protect the force and the nation from WMD/CBRN threats and hazards

**Chemical**



**Biological**



**Radiological**



**Nuclear**





# CBRN Threats and Hazards



## Syria Is Still Trying to Use Chemical Weapons

And not just against civilians at home—but potentially against regional rivals.

BY JACK DETSCH, COLUM LYNCH, ROBBIE GRAMER | OCTOBER 6, 2020, 6:36 PM

## Growing North Korean Nuclear Threat Awaits US Election Winner



Pyongyang, North Korea, Monday, Oct. 12, 2020.

## DOD Officials Warn of Increased Threat From Weapons of Mass Destruction

FEB. 13, 2020 | BY [TERRI MOON CRONK](#), DOD NEWS

## Syrian Kurds accuse Turkey of delivering sarin gas to Arab rebels after chemical attacks

Posted on March 10, 2016 by Editorial Staff in Kurdistan, Politics



Los Angeles Times

Terrorists could make a 'dirty bomb' from common medical device

## Terrified locals in Sierra Leone brace for another Ebola outbreak

West African nation braced for spread of the deadly disease from neighbouring Guinea

© Mon, Apr 19, 2021, 01:00





# Chemical Corps - Vision



## Vision

- Provide WMD/CBRN counterforce
- Enable expeditionary movement & maneuver
- Protect the homeland





# What do CM Officers do?



## Core Functions

### Assess



### Protect



### Mitigate



**Dragon Soldiers! CBRN Warriors!**





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# CBRN Warrior



## Who are we looking for?

- Communicator, mentally tough, inspirational
- Officers who are logical and analytical
- Officers with variety of academic backgrounds



- Officers who desire to develop diverse skill sets to help solve problems within the force
- Officers who take initiative and want to be challenged

- Officers who process and prioritizes multiple demands simultaneously
- Officers who can determine requirements, develop processes, delegate and lead teams



***Dragon Soldiers! CBRN Warriors!***



# Where do CM Officers serve?



## “Big Army” Units

- BN/BDE Chemical Officer
- CBRN RECCE Platoon Leader
- Company Executive Officer
- Detachment Commander (CRD)
- Company Commander

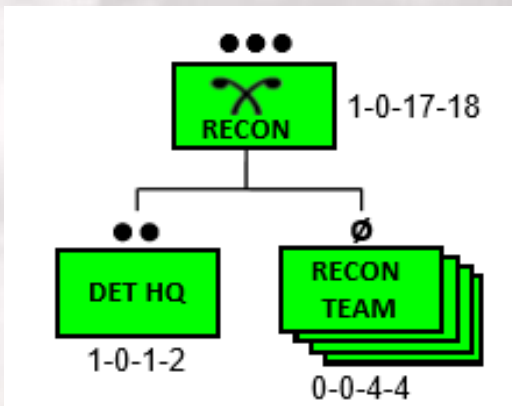
## CBRN Units

- Platoon Leader
- CRT Team Leader
- Company Executive Officer
- Company Commander





# CBRN Reconnaissance Det (SF)



## Mission

Conduct advanced reconnaissance and sample collection support in a CBRN environment; or evidence collection and target exploitation support to Special Operating Forces (SOF) Site Exploitation (SOFSE) for Special Forces Groups (Airborne) in support of strategic, operational and tactical objectives in all environments (permissive, uncertain, and hostile).

## Capabilities

Provide command and supervision of personnel assigned or augmented to the company.

Provide staff planning, sustainment coordination, and assessment of task-organized units.

Allocate task organized units and resources in support of sensitive-site exploitation, and technical escort of hazardous CBRN material.

100 percent mobile.





# CBRNE Company (TE)



## Mission

Provides advice, assessment, sampling, detection, verification, render-safe, packaging, and escort of chemical and biological devices or hazards, biological surveillance and limited CBRN response support to military forces or civilian authorities.

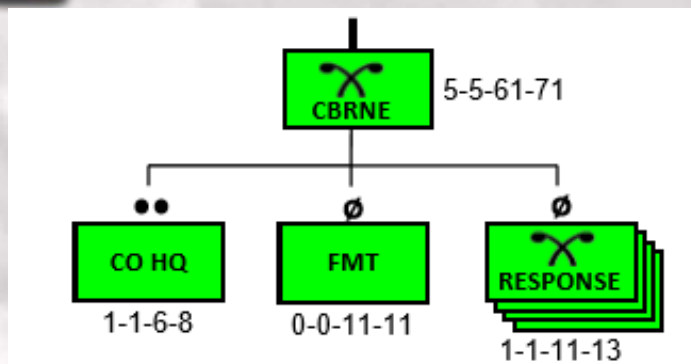
## Capabilities

Provide command and supervision of personnel assigned or augmented to the company.

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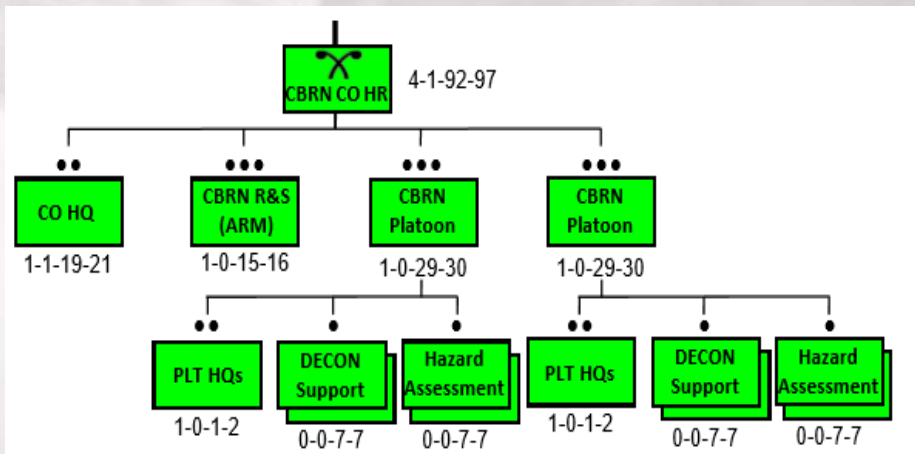
100 percent mobile.







# Hazard Response Company



## Mission

Provides CBRN reconnaissance, surveillance, and decontamination support to an assigned AO

## Capabilities

Provide command and supervision of personnel assigned or augmented to the company

Provide staff planning, sustainment coordination, and assessment of task-organized units

Allocate task-organized units and resources in support of CBRN reconnaissance, surveillance, decontamination, and small-scale WMD elimination throughout the theater of operations.

100 percent mobile

Provide CBRN response in support of DSCA



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# Equipment & Tech



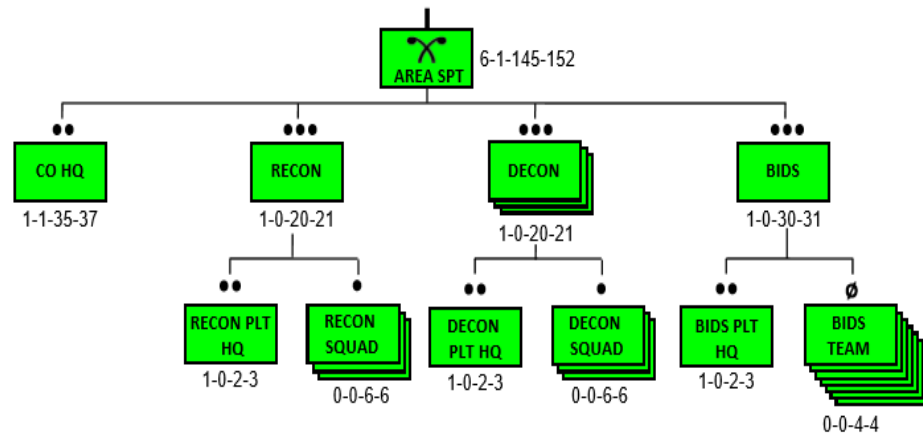
## NBCRV (Stryker: Nuclear, Biological, Chemical Reconnaissance Vehicle)







# CBRN Area Support Company



## Mission

Provides CBRN reconnaissance, surveillance, and heavy decontamination support to an assigned AO

## Capabilities

Provide command and supervision of personnel assigned or augmented to the company

Provide staff planning, sustainment coordination, and assessment of task-organized units

Allocate task-organized units and resources in support of CBRN reconnaissance, surveillance, and decontamination throughout the theater of operations.

100 percent mobile

Provide CBRN response in support of civil authorities.





# Deployments & Homeland Support



## CBRNE Response Teams (Technical Escort)

World Series  
Super Bowl  
Olympics  
OIF/OEF



## National Guard Civil Support Teams

COVID

World Trade Center  
World Series  
Super Bowl  
Olympics

Hurricane Katrina

Presidential Inauguration  
American Samoa Tsunami



## Ebola Response

## CBRN Companies

Kuwait

Iraq

Afghanistan

Japan Operation Tomodachi

Korea



## BN CBRN Officers

CBRN Lieutenants are assigned to Air Defense, Aviation, Field Artillery, Military Intelligence, Cavalry, Armor, Infantry, Ranger, and Special Forces battalions





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# Unique Training Opportunities



## Airborne



## Ranger



## Air Assault



## Special Forces







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# CBRN Basic Officer Leader Course



**Purpose:** To train newly commissioned lieutenants in basic military skills and to prepare them for initial assignment as Chemical officers.

**Length/Location:** 16 weeks 3 days at Fort Leonard Wood, MO

## **Objective:**

- Radiation fundamentals
- CBRN Reconnaissance and Surveillance operations
- CBRN Decontamination operations
- Hazardous material operations
- CBRN staff functions
- Administrative procedures
- HAZMAT Certifications
- Drivers training
- Maintenance operations
- Troop leading procedures
- Organizational and personnel management
- Logistics operations
- Individual/unit training tactical operations
- Opportunity to compete for Ranger School
- Professional development as Platoon Leader and Battalion Staff member
- Military decision making process
- Intelligence preparation of the battlefield
- Combatives 1 & 2

**Maneuver Support Center of Excellence**



**Chemical Defense Training Facility**



**1LT Terry CBRN Responder  
Training Facility**





# CBRN Basic Officer Leader Course Certificates



## Hazardous Materials/WMD

### Awareness & Operations

This 40 hour course is for emergency response personnel who may be first on the scene of a hazardous materials emergency at the awareness & operational level, acting in a defensive posture to protect people, the environment, or property from the effects of an unplanned hazardous materials release consistent with the competencies recommended by NFPA 1072 and supplemented by information from government agencies such as the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA), and the Department of Transportation (DOT).

**\*\*In the civilian sector, this course costs approximately \$550**

## Hazardous Materials/WMD –

### Technician

This 50 hour course is based on NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications. Designed for the student already trained at the Hazardous Materials Awareness and Operations level; this course develops the skills already learned and provides in-depth training in the mitigation of hazardous materials incidents. Through both classroom and practical training, the student becomes familiar with health and safety issues, incident management, hazard and risk analysis, personal protective clothing, and decontamination.

**\*\*In the civilian sector, this course costs approximately \$650**



# Masters Degree Opportunities



## Webster University

### MS Degree- Environmental Management

- Credit Earned from CCC-
  - 15 Credit Hours
- Total Credits required-
  - 21 Credit Hours
- Length-
  - 6 months

<http://www.webster.edu/arts-and-sciences/academics/biological-sciences/environmental-management.html>



## Missouri State University

### MS Degree- Defense and Strategic Studies/Countering Weapons of Mass Destruction

- Credit Earned from CCC
  - AC- 15 Credit / ARNG- 12 Credit hours
- Total Credits required
  - 36 Credit Hours
- Length
  - 1 year

<https://graduate.missouristate.edu/catalog/prog-counter-weapon-mass-destruction->





# Chemical Officer Broadening Assignments



## **Training with Industry (TWI):**

Goal of the program is to create a group of Soldiers who were experienced in higher level managerial techniques and could understand the relationship of their industry as it relates to the functions of specific Army branches. The selected Soldiers would then utilize their acquired skills to improve upon existing training and doctrine based on successful procedures and practices they gained during their TWI participation.

## **Army Congressional Fellowship Program:**

Educates selected Army officers and civilians on the importance of the strategic relationship between the Army and the Congress.

## **Aide De Camp:**

An officer on the personal staff of a general, other high-ranking commander who acts as his/her confidential secretary in routine matters.

## **ROTC/USMA (West Point) Faculty and Staff:**

To educate, train, and inspire the Corps of Cadets so that each graduate is a commissioned leader of character committed to the values of Duty, Honor, Country; and prepared for a career of professional excellence and service to the nation as an officer in the United States Army

## **Joint Staff Intern:**

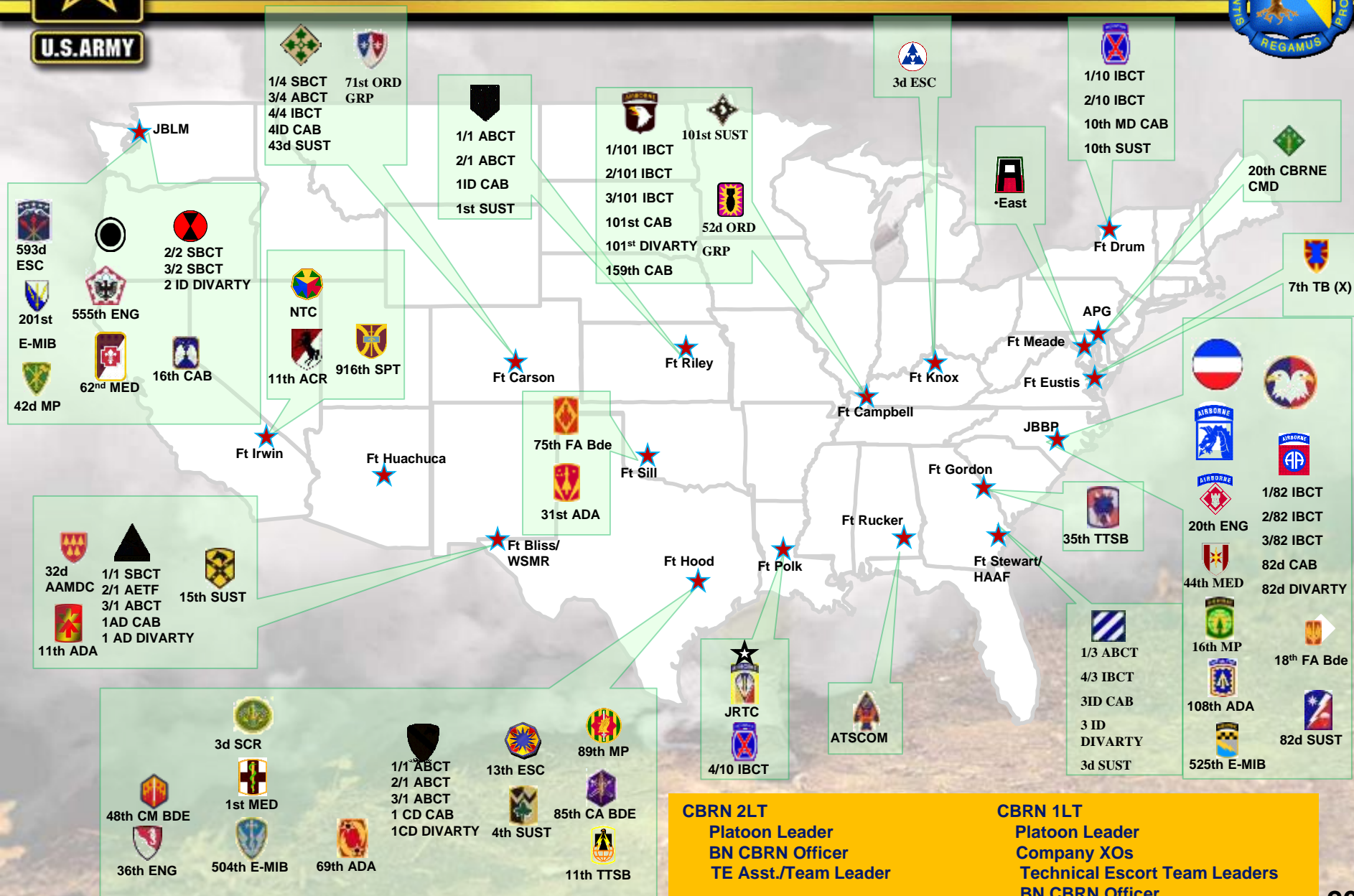
Educates selected Army officers on the importance of the strategic relationship between the Army and other branches of the Department of Defense.

## **HRC Broadening Opportunity Programs:**

<https://www.hrc.army.mil/content/Broadening%20Opportunity%20Programs%20Building%20a%20cohort%20of%20leaders%20that%20allow%20the%20Army%20to%20succeed%20at%20all%20levels%20in%20all%20environments>



# Assignment Opportunities (CONUS)



**CBRN 2LT**  
Platoon Leader  
BN CBRN Officer  
TE Asst./Team Leader

**CBRN 1LT**  
Platoon Leader  
Company XOs  
Technical Escort Team Leaders  
BN CBRN Officer

CBRN LTs rotate between BCTs and/or Installations for PL opportunities





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# Assignment Opportunities (OCONUS)



CANADA



NORAD

GERMANY



CZECH REPUBLIC



USA EU

JAPAN



NETHERLANDS



SHAPE

ITALY



KUWAIT  
ASG KU

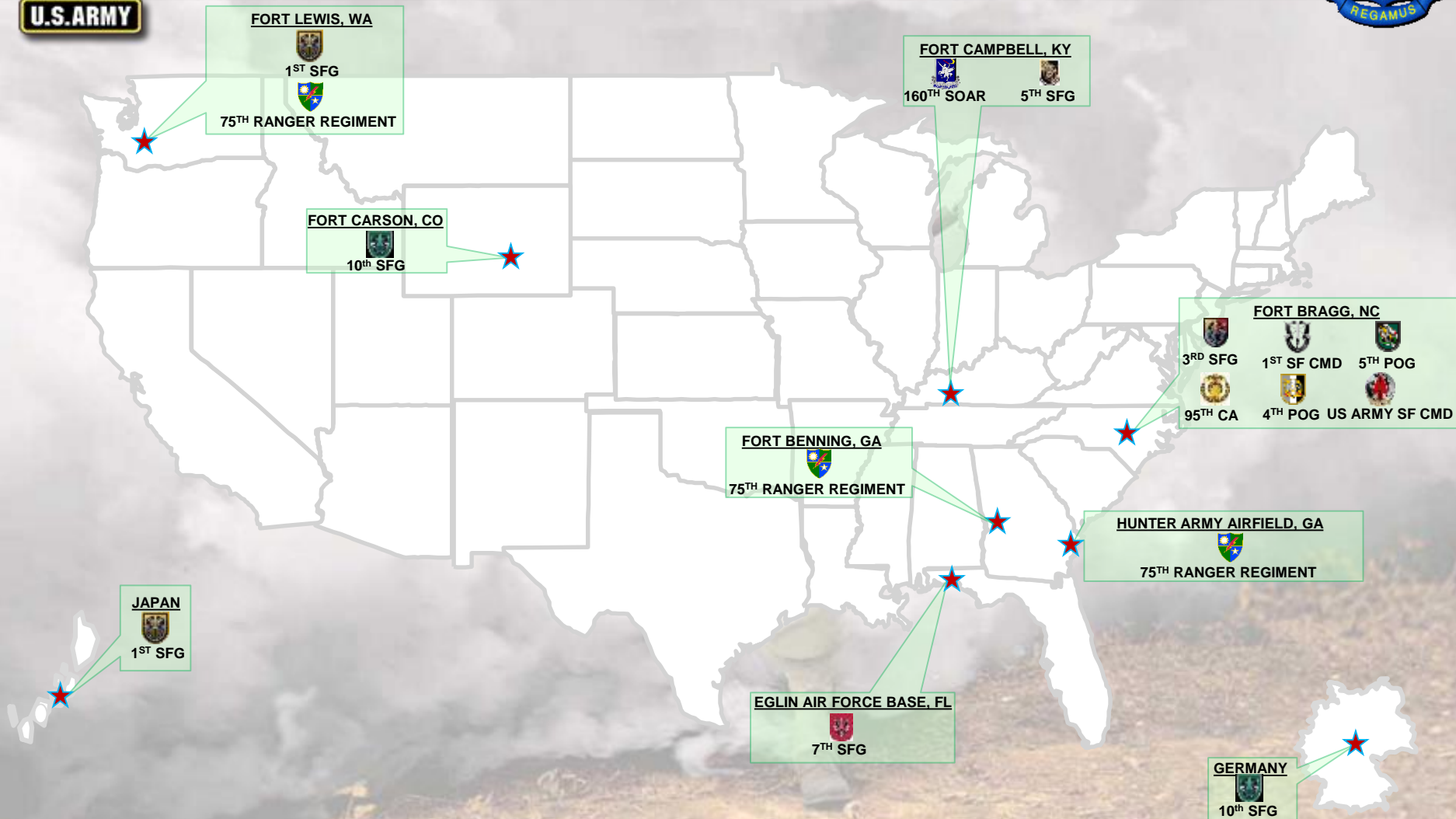
SOUTH KOREA





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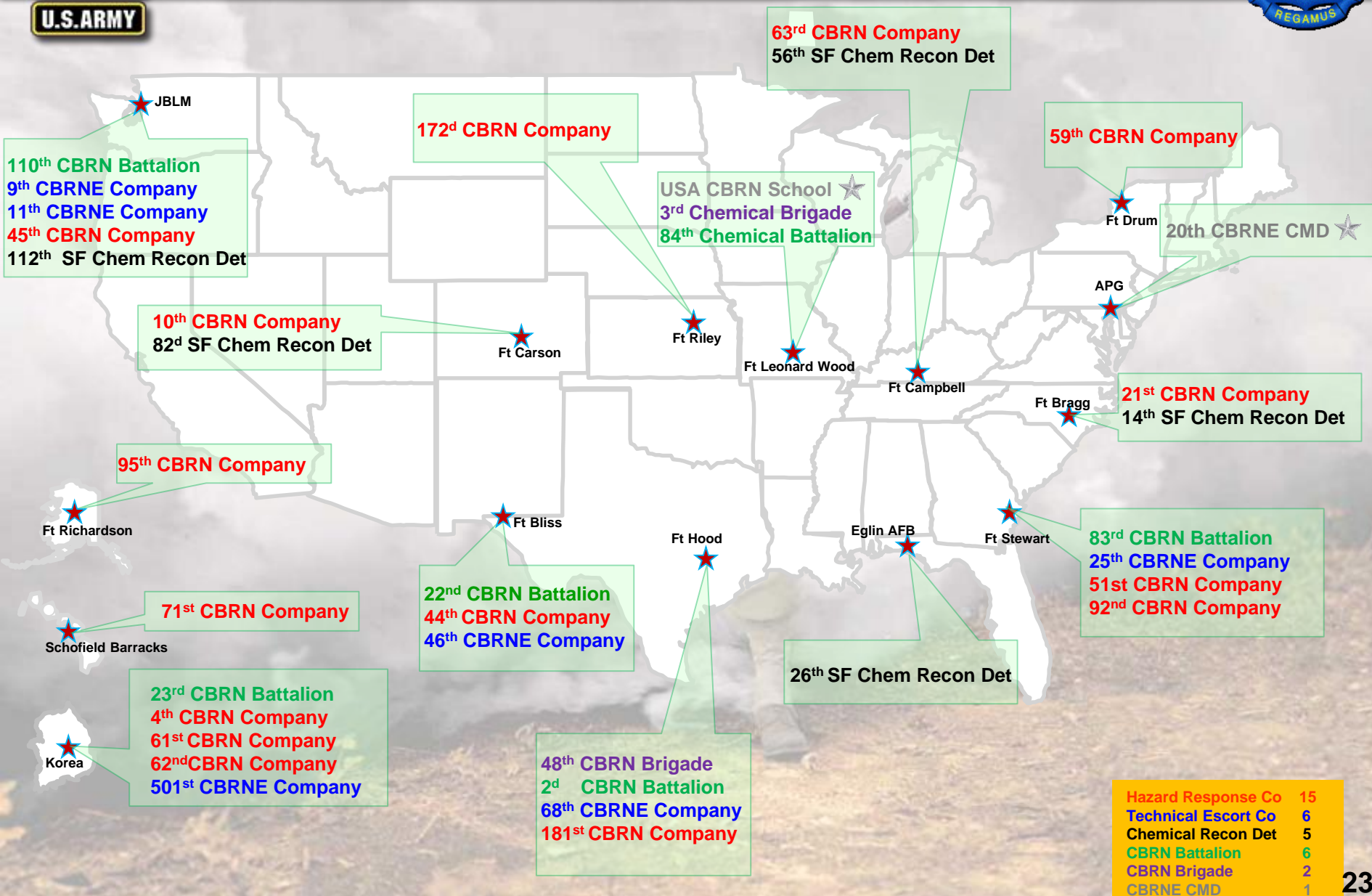
# Assignment Opportunities Special Operations Units







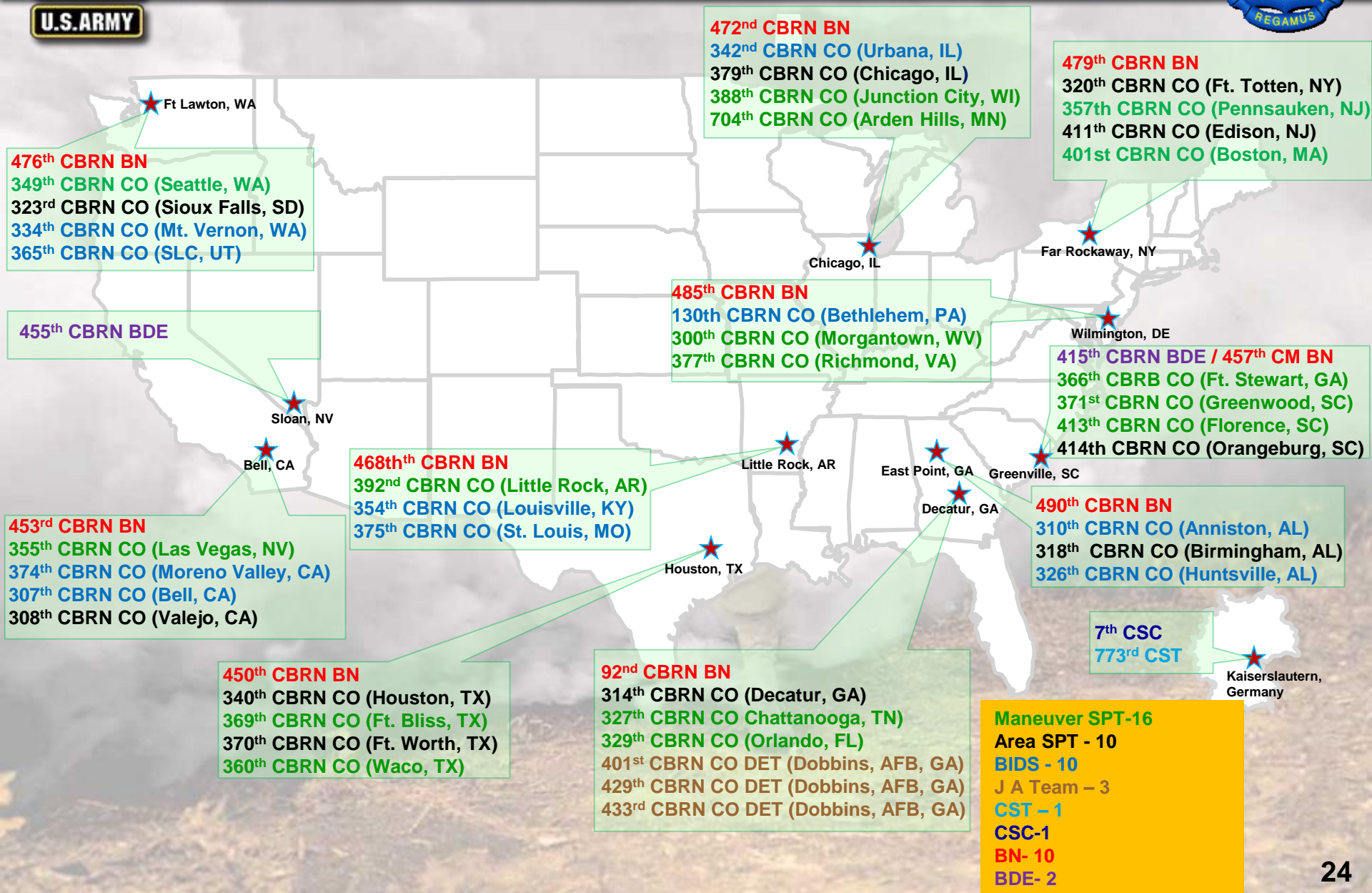
# Active Component CBRN Units



Hazard Response Co	15
Technical Escort Co	6
Chemical Recon Det	5
CBRN Battalion	6
CBRN Brigade	2
CBRNE CMD	1



# Army Reserve Component CBRN Units

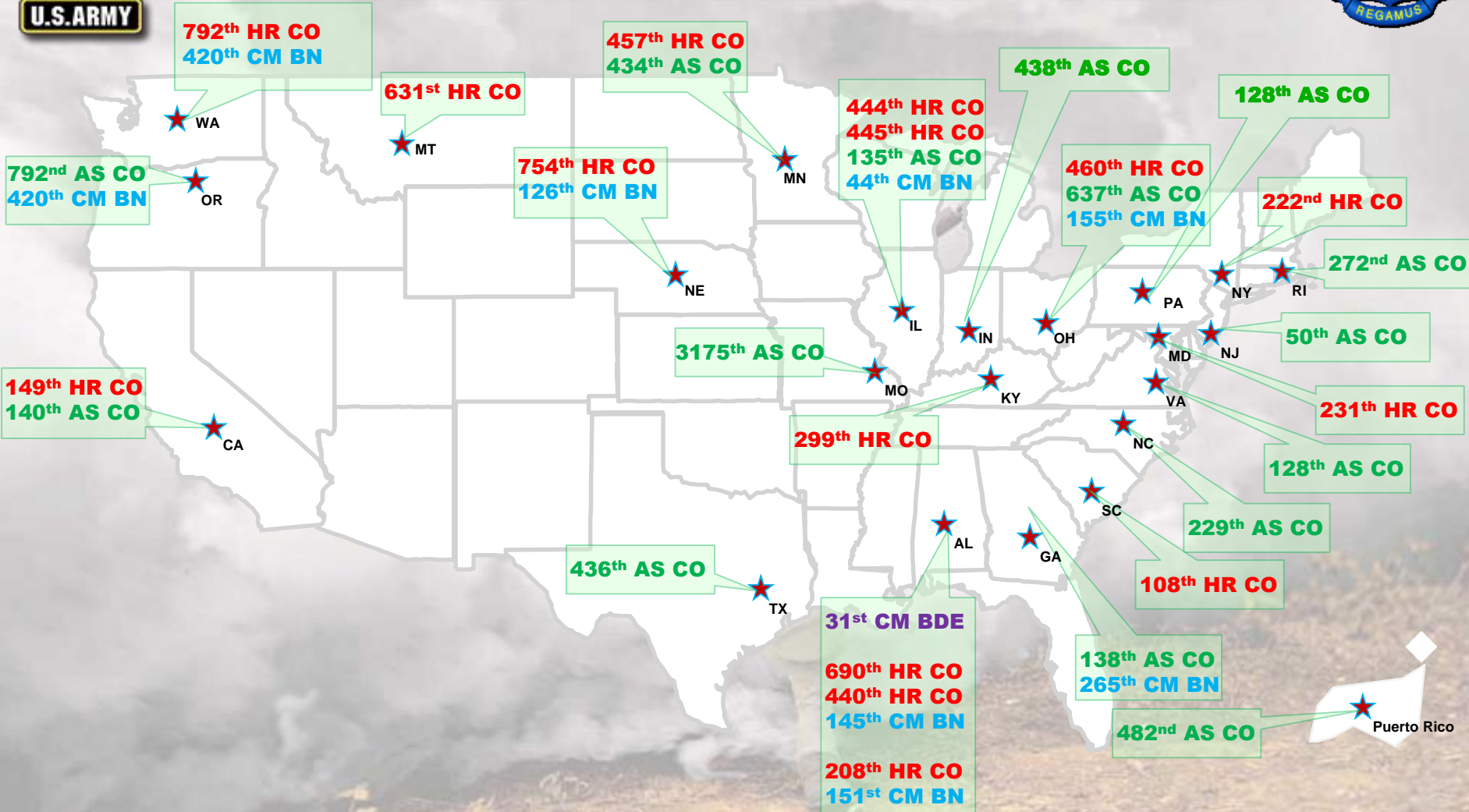






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# Army National Guard CBRN Units



AS Co	15
HR Co	15
CM BN	8
CM BDE	1



 23<sup>rd</sup> CST

**\*\*Map Not to Scale**

States	50
Territories	3
District	1





# Who makes a good CM Officer?



**Communicator**

**Analytical &  
Logical Thinker**

**Problem Solver**

**Team Player**



**Mentally Tough**

**Inspirational  
Leader**



# Why choose Chemical?



**1** Wide range of experiences & unit types



**2** Join a tight-knit branch community



**3** Tactically to strategically influential



**4** Myriad education/training/broadening opportunities



**5** Marketable skills for future career opportunities




***Dragon Soldiers! CBRN Warriors!***






# Find out more @




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## U.S. ARMY CHEMICAL CORPS CADET BRANCHING




### Videos




Chemical History



USACBRNS Orientation




General Officer



CBRN Corps 2020

### Resources

- CHEMICAL BRANCH FLYER
- CHEMICAL TALENT PROFILES
- OFFICER KARDS
- CHEMICAL CORPS PALS
- CHEMICAL UNIT LOCATIONS
- CHEMICAL ASSIGNMENTS
- CAREER PROGRESSION



<https://home.army.mil/wood/index.php/units-tenants/USACBRNS/Chemical>



<https://www.facebook.com/USACBRNS>



[@usacbrnschool](https://twitter.com/usacbrnschool)



[www.instagram.com/usacbrns/](https://www.instagram.com/usacbrns/)



# Questions and Comments



## Point of Contact

- **Personnel Development Office: 573-563-7374 / 573-563-7376**
- **CBRN school email: [usarmy.leonardwood.chemical-schl.mbx.proponent-office@mail.mil](mailto:usarmy.leonardwood.chemical-schl.mbx.proponent-office@mail.mil)**





# Discussion



## Q&A

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### Website

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# Discussion



## FAQs

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# What do Chemical Officers do?



CBRN Staff Officers...

Platoon Leaders...

Company Commanders...

Other Duties...



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# Best part of being CM Officer?



Expertise...

Marketable skills...

Units...

CBRN Family...

Diverse Opportunities...

Relationships...

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# Do I need to be a STEM Major



CBRN School...

Technical expertise...

LTG Leslie Smith (Accounting)

BG Antonio Munera (History)

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# What should I expect at C-BOLC?



Fort Leonard Wood, MO...

Basics: Doctrine, CBRN recon, decon, HAZMAT...

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# Schools, certs, training, degrees?



HAZMAT...

L3...

L6...

Masters degrees...

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# Opportunities for future career?



Emergency management

HAZMAT

Environmental management

Industrial health & safety

Non-governmental organizations (NGOs)

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