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# U.S. Army Chemical Corps

## Welcome Brief

*U.S. Army CBRN School  
Fort Leonard Wood, MO*



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# Agenda



- **Welcome**
- **Introductions**
- **Chemical Corps Overview**
- **Discussion topics**
- **Q & A**





# Chemical Corps - Mission

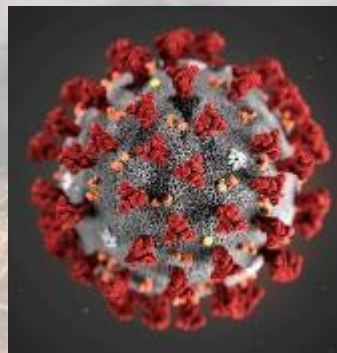


**Mission:**  
The Chemical Corps conducts operations to protect the force and the nation from WMD/CBRN threats and hazards

**Chemical**



**Biological**



**Radiological**



**Nuclear**





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# 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 this common medical device



*Nerve Agent Was Used to Poison Navalny, Chemical Weapons Body Confirms*



# Chemical Corps - Vision



## Vision

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





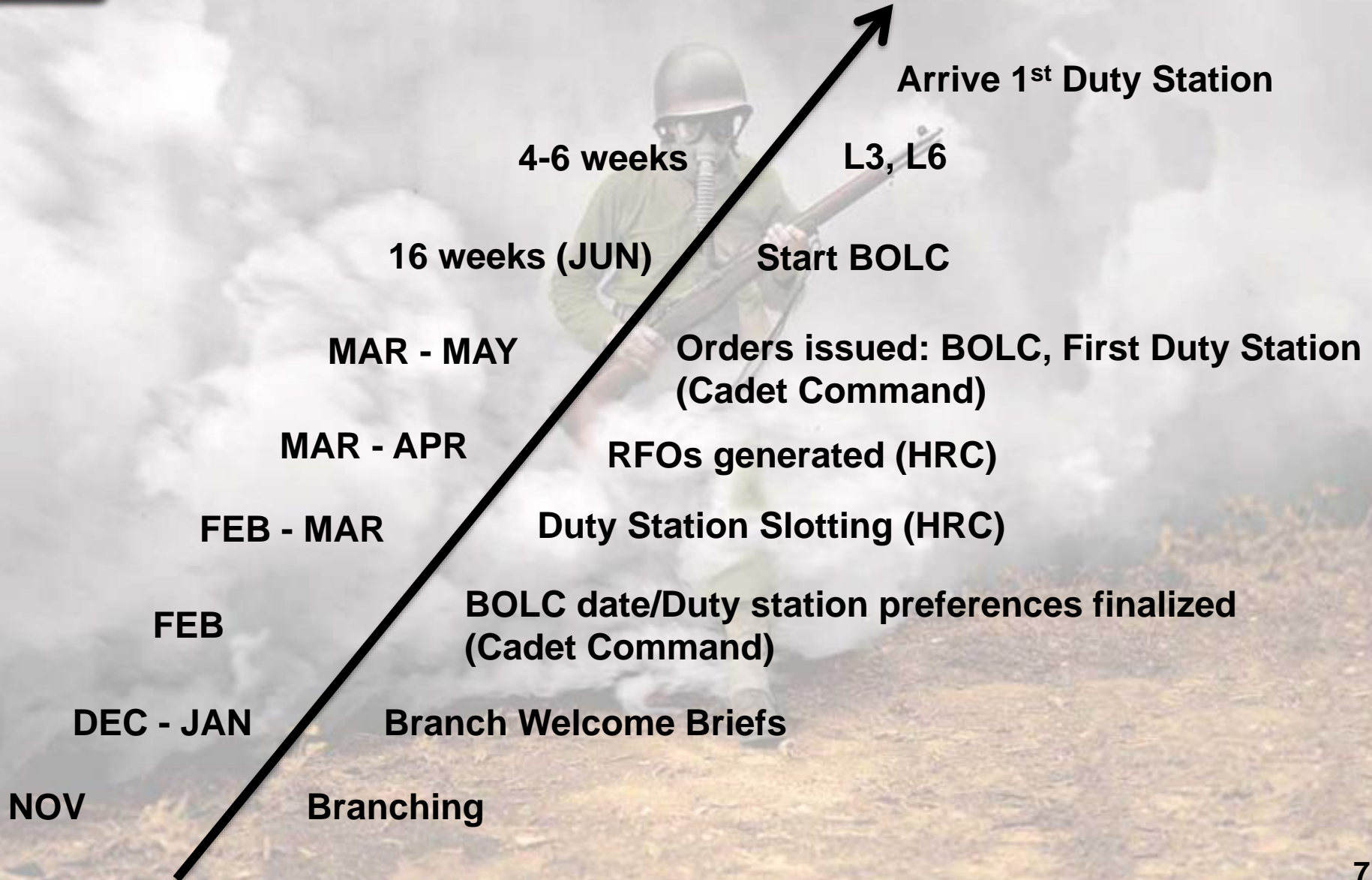
# Chemical Officer – Career Map



RANK		LT	CPT	MAJ	LTC	COL	
OPERATIONAL DOMAIN	KEY DEVELOPMENTAL ASSIGNMENTS	<ul style="list-style-type: none"> <li>Platoon Leader/CRT Team Leader</li> <li>Battalion CBRN Officer</li> <li>Company XO</li> </ul>	<ul style="list-style-type: none"> <li>Company Commander</li> <li>Brigade Level CBRN Officer</li> </ul>	<ul style="list-style-type: none"> <li>Battalion/Brigade S3</li> <li>Battalion Executive Officer</li> <li>Deputy DIV CBRN Staff Officer</li> <li>Major Level Command</li> <li>Brigade Primary Staff Officer</li> <li>Separate Brigade/Regiment CBRN Officer</li> <li>Joint Staff Officer</li> </ul>	<ul style="list-style-type: none"> <li>Lieutenant Colonel Level Command</li> <li>ACOM/ASCC/DRU, HQDA, OSD Staff Officer</li> <li>Joint Staff Officer</li> <li>Division CBRN Officer</li> <li>Brigade Deputy Commanding Officer (DCO)</li> </ul>	<ul style="list-style-type: none"> <li>Colonel Level Command</li> <li>ACOM/DRU, HQDA, OSD Staff Officer</li> <li>Joint Staff Officer</li> <li>Corps CBRN Officer</li> <li>ASCC CBRN Officer</li> <li>Assistant Commandant, USACBRNS</li> <li>ACOM/DRU or Combatant Command CBRN Officer</li> </ul>	
	DEVELOPMENT/BROADENING ASSIGNMENTS		<ul style="list-style-type: none"> <li>Division/Corps CBRN Staff</li> <li>Battalion/Brigade Primary Staff</li> <li>AC/RC Advisor</li> <li>Small Group Instructor</li> <li>CTC Combat Trainer</li> <li>USMA Faculty and Staff</li> <li>ROTC - Professor of Military Science</li> <li>US Army Recruiting Command</li> <li>Chemical Recon Detachment (SF)</li> <li>Scholarships/Internships</li> <li>Assignments Manager HRC</li> <li>Training With Industry (TWI)</li> <li>Survey Team Leader, Civil Support Team (NG)</li> <li>CBRN Officer Security Force Assistance Brigade (SFAB)</li> </ul>	<ul style="list-style-type: none"> <li>DIV/CORPS/ARMY CBRN Staff Officer</li> <li>ACOM/DRU Staff Officer</li> <li>Special Forces Group CBRN officer</li> <li>USMA Faculty and Staff</li> <li>AC/RC Advisor</li> <li>HRC FG Assignment Officer</li> <li>ROTC - Professor of Military Science</li> <li>Chemical/Biological Arms Control/Verification</li> <li>US Army Recruiting Command</li> </ul>	<ul style="list-style-type: none"> <li>Corps/Army CBRN Staff</li> <li>ROTC Professor of Military Science</li> <li>Assignments Branch Chief HRC</li> <li>Chemical/Biological Arms Control/Verification</li> <li>Inspector General</li> <li>Command and Staff College Faculty and Staff</li> <li>USMA Faculty and Staff</li> </ul>	<ul style="list-style-type: none"> <li>Director of Training &amp; Leader Development, USACBRNS</li> <li>Chemical/Biological Arms Control/Verification</li> <li>USMA Faculty and Staff</li> <li>Chief, Requirements Development Division, MSCoE</li> </ul>	
INSTITUTIONAL DOMAIN	PME	<b>BOLC</b>	<b>CCC</b>	<b>ILE</b>	<b>SSC</b>		
	FUNCTIONAL TRAINING	<ul style="list-style-type: none"> <li>Stryker NBCRV Recon System (L6)</li> <li>Technical Escort (ASI L3)</li> <li>CBRN Dismounted Recon</li> <li>Mass Casualty Decon</li> <li>Operational Rad Safety</li> <li>Radiological Safety</li> <li>CBRN Responder</li> </ul>	<ul style="list-style-type: none"> <li>Technical Escort (ASI L3)</li> <li>Civil Support Skills Course (R1) (NG)</li> <li>CBRN Dismounted Recon</li> <li>Mass Casualty Decon</li> <li>CBRN Responder</li> <li>Operational Rad Safety</li> <li>Radiological Safety</li> </ul>	<ul style="list-style-type: none"> <li>CBRNE Senior Staff Planner's Course</li> <li>Army Force Management Course</li> <li>Capabilities Developments</li> <li>School of Advanced Military Studies (SAMS)</li> </ul>	<ul style="list-style-type: none"> <li>CBRNE Senior Staff Planner's Course</li> <li>Pre Command Course</li> <li>Joint Senior Leaders Course</li> <li>Army Force Management Course</li> <li>Capabilities Developments</li> <li>Joint &amp; Combined Warfighting Sch, intermediate</li> </ul>	<ul style="list-style-type: none"> <li>CBRNE Senior Staff Planner's Course</li> <li>Pre Command Course</li> <li>Joint Senior Leaders Course</li> </ul>	
SELF-DEVELOPMENT DOMAIN: STRUCTURED	Graduate Degree					Post Graduate Degree	



# Commencement Timeline



# What to Expect - BOLC



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- **Course work**
- **Major events/highlights**
- **Opportunities**







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# CBRN Basic Officer Leader Course



**Maneuver Support Center of Excellence**



**Chemical Defense Training Facility**



**1LT Terry CBRN Responder Training Facility**

**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



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# •Class Schedule



In-Processing	Common Core		CC FTX	MDMP	BRM
<ul style="list-style-type: none"> <li>-In-Processing</li> <li>-Finance</li> <li>-DEERs</li> <li>-S1/S2/S6 In-Processing</li> <li>-EO/SHARP</li> <li>-SRP</li> <li>-POV Inspections</li> </ul>	<ul style="list-style-type: none"> <li>-Initial Counseling</li> <li>-Dental</li> <li>-Personnel Actions</li> <li>-History Brief</li> <li>-CIF Draw</li> <li>-TLPs</li> <li>-Ethics</li> <li>-Blended Retirement</li> <li>-Property Accountability</li> </ul>	<ul style="list-style-type: none"> <li>-Initial ACFT</li> <li>-PRT Instruction</li> <li>-Unit Transportation</li> <li>-RSO Brief</li> <li>-Resilience Training</li> </ul>	<ul style="list-style-type: none"> <li>-Drivers Training</li> <li>-Convoy Operations</li> <li>-RVTT</li> <li>-Land Navigation</li> <li>-Property Accountability</li> <li>-Employ Hand Grenades</li> </ul>	<ul style="list-style-type: none"> <li>-MDMP Exercise</li> <li>-IPB</li> <li>-Orders Production</li> <li>-Common Core Exam</li> </ul>	<ul style="list-style-type: none"> <li>-EST</li> <li>-M4 Group and Zero</li> <li>-LOMAH Confirm Zero</li> <li>-M4 Qualification</li> <li>-Mask Confidence</li> <li>-Peer Evaluation</li> <li>-Leader 180</li> <li>-Criterion / Nelson Denny</li> <li>-SI-IA / SAID</li> <li>-ACTT</li> </ul>
HAZMAT		BIO Warfare	CHEM STAFF	DECON	RAD
<ul style="list-style-type: none"> <li>-HAZMAT Operations</li> <li>-HAZMAT Ops Practical</li> <li>-HAZMAT Exam</li> </ul>	<ul style="list-style-type: none"> <li>-HAZMAT Technician I</li> <li>-HAZMAT Tech I Exam</li> <li>-HAZMAT Technician II</li> <li>-HAZMAT Tech II Exam</li> <li>-HAZMAT Tech Practical</li> </ul>	<ul style="list-style-type: none"> <li>-Biological Warfare</li> <li>-BIO Warfare Briefs</li> <li>-BIO Warfare Exam</li> <li>-Mid-course Counseling</li> </ul>	<ul style="list-style-type: none"> <li>-CBRN Staff Ops</li> <li>-CBRN Staff Planning</li> <li>-CBRN Staff Officer Exam</li> </ul>	<ul style="list-style-type: none"> <li>-Mid-Course ACFT</li> <li>-CBRN DECON Ops</li> <li>-DECON Planning</li> <li>-CBRN DECON STX</li> <li>-CBRN DECON Exam</li> </ul>	<ul style="list-style-type: none"> <li>-Radiation Safety</li> <li>-Radiation Safety Exam</li> <li>-Radiation STX</li> </ul>
TAC RAD	RECON	CAPSTONE	CDTF / DIGITAL SYSTEMS	GRADUATION	MAJOR EVENTS
<ul style="list-style-type: none"> <li>-Tactical Radiation</li> <li>-Tactical Radiation Planning</li> <li>-NUKE Detonation Scenario</li> <li>-TACRAD MAPEX</li> </ul>	<ul style="list-style-type: none"> <li>-Dismounted Recon</li> <li>-Mounted Recon</li> <li>-CBRN Recon Exam</li> <li>-PL/BN CHEMO Panel</li> <li>-BDE CDR Engagement</li> </ul>	<ul style="list-style-type: none"> <li>-CBRN Recon TTX</li> <li>-CBRN Recon STX</li> <li>-CBRN Decon TTX</li> <li>-CBRN Decon STX</li> <li>-CP Operations</li> </ul>	<ul style="list-style-type: none"> <li>-Toxic Agent Training (CDTF)</li> <li>-CBRN Digital Systems</li> <li>-CIF Turn-In</li> <li>-Dragon Forge PH: 2</li> <li>-Regimental Induction Ceremony</li> <li>-Peer Evaluations</li> </ul>	<ul style="list-style-type: none"> <li>-CMDT EOC AAR</li> <li>-Out-Processing</li> <li>-Final Counseling (AER)</li> <li>-Graduation</li> </ul>	<ul style="list-style-type: none"> <li>• DRAGON FORGE 1:</li> <li>• Common Core STX:</li> <li>• Initial ACFT:</li> <li>• BRM:</li> <li>• Final ACFT:</li> <li>• Capstone:</li> <li>• CDTF:</li> <li>• DF PH: 2 / Regimental Induction Ceremony</li> </ul>

## KEY LEADER ENGAGEMENTS

<ul style="list-style-type: none"> <li>• BN CDR/CSM In-brief</li> <li>• BN CDR Programming brief</li> <li>• BN CDR Ethics Discussion</li> <li>• BN CDR EOC Career Path BBL</li> </ul>	<ul style="list-style-type: none"> <li>• BDE CDR/CSM In-brief and Character Discussion</li> <li>• BDE CDR BBL</li> <li>• BDE CDR OPLAN Brief</li> </ul>	<ul style="list-style-type: none"> <li>• CMDT In-brief</li> <li>• CMDT BBL</li> <li>• AC BBL</li> <li>• RCSSM BBL</li> <li>• RCWO BBL</li> </ul>
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# Unique Training Opportunities



**Airborne**



**Air Assault**



**1st Duty Station Opportunity**

**Ranger**



**BOLC Opportunity**

**Special Forces**



**Later Opportunity**



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# 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**



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# 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



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# What to Expect – 1<sup>st</sup> Duty Station



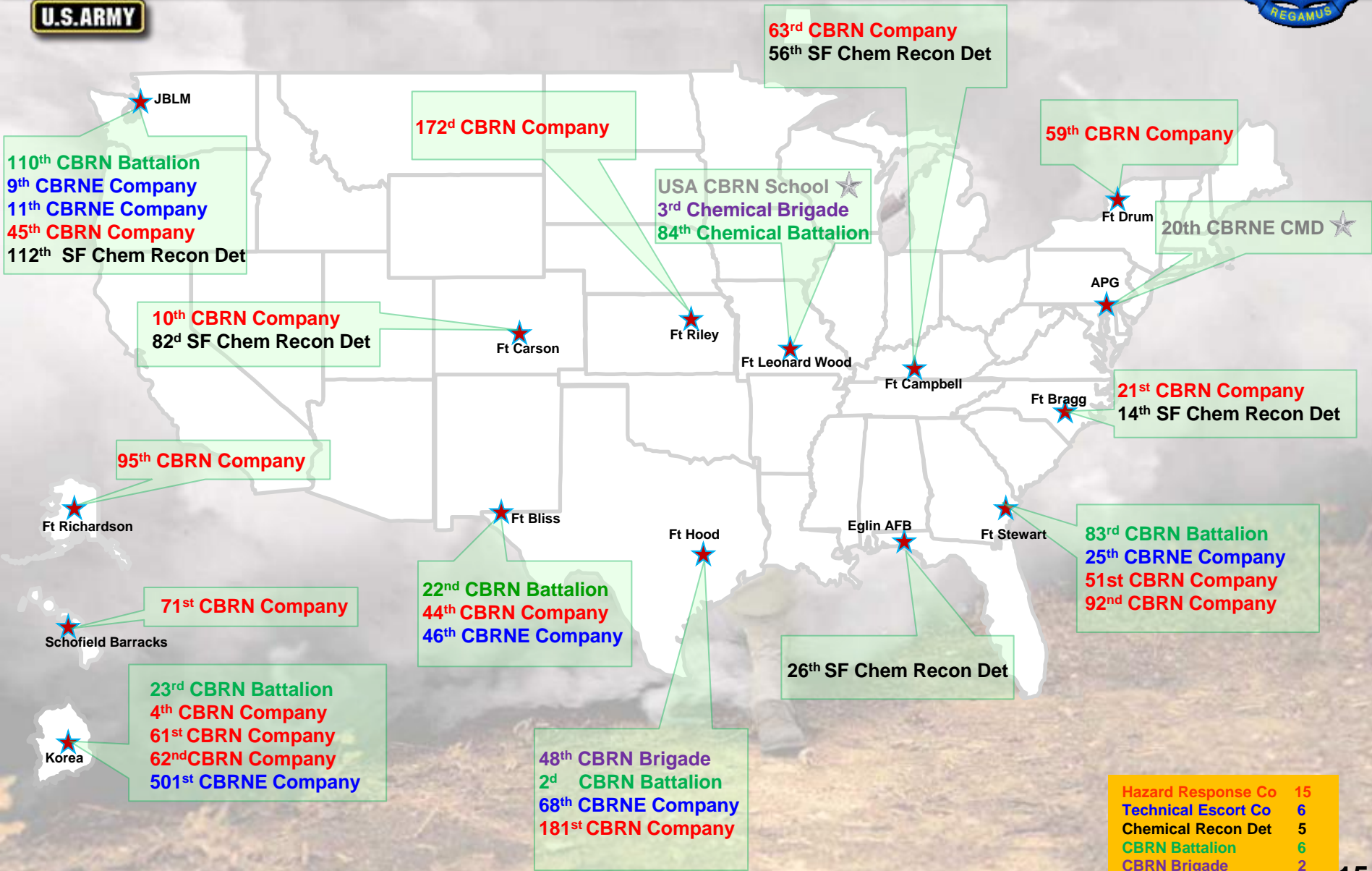
- **CBRN Tasks**
- **Other Tasks**
- **Opportunities**
- **Networking**
- **Peer mentoring**





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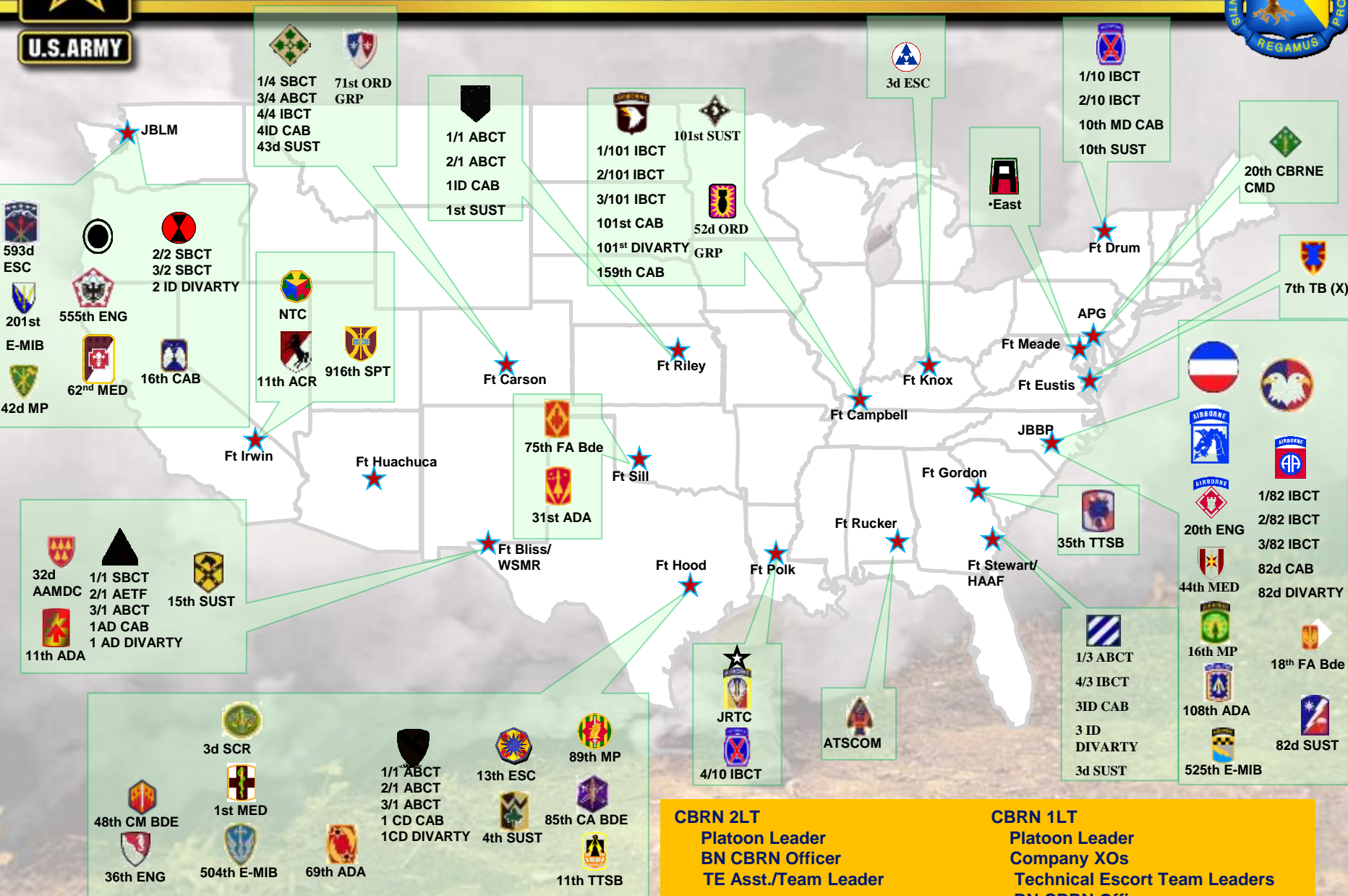
# Active Component CBRN Units



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



# 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





# Assignment Opportunities (OCONUS)



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CANADA



**GERMANY**

2 <sup>ND</sup> SIG	66 <sup>TH</sup> MI	DTRA	2D CAV	NATO	77 <sup>TH</sup> FA	319 <sup>TH</sup> FA	41 <sup>ST</sup> FA	3 <sup>RD</sup> AV
18 <sup>TH</sup> MP	16 <sup>TH</sup> SUST	4 <sup>TH</sup> ADA	USA EU	91 <sup>ST</sup> CAV	7 <sup>TH</sup> ADA	30 <sup>TH</sup> MED	21 <sup>ST</sup> SUST	10 <sup>TH</sup> AMDC

CZECH REPUBLIC



USA EU

JAPAN

38 <sup>TH</sup> ADA	USFJ
1 <sup>ST</sup> ADA	10 <sup>TH</sup> RSG
1 <sup>ST</sup> SFG	

NETHERLANDS



SHAPE

ITALY

SETAF	207 <sup>TH</sup> MI	503 <sup>RD</sup> INF
173 <sup>RD</sup> BCT SHAPE		

KUWAIT



ASG KU

SOUTH KOREA

8 <sup>TH</sup> ARMY	1 <sup>ST</sup> SG	501 <sup>ST</sup> MI	SOCKOR	USFK	2 <sup>ND</sup> AV	2 <sup>ND</sup> ID	210 <sup>TH</sup> FA
37 <sup>TH</sup> FA	38 <sup>TH</sup> FA	65 <sup>TH</sup> MED	35 <sup>TH</sup> ADA	1 <sup>ST</sup> ADA	52 <sup>ND</sup> ADA	19 <sup>TH</sup> SUST	



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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





# CBRN Officer Knowledge/Skills/Behaviors



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**Individual and collective CBRN training starts** with educating our junior commissioned officers to assume roles as platoon leaders and battalion chemical officers who are agile, innovative and proactive. The CBRN lieutenant must have the KSBs to lead small teams/platoons in a contaminated environment as well as perform duties as a battalion CBRN Officer, adept in communicating appropriate CBRN offensive and defensive measures to enable freedom of maneuver throughout the battlefield. CBRN captains must have the KSBs to command a wide variety of companies (only 30% of active duty captains will command a chemical company) and serve as a BDE CBRN Officer versed in bringing the full array of chemical enabling capability to bear on a BDE's tactical problem.



### Knowledge:

Chemical Branch desires Lieutenants with academic backgrounds that span the entire spectrum of disciplines and majors offered at our nation's undergraduate institutions. Above all, officers should foster a willingness to listen and learn in all circumstances, ensuring continued personal growth that will benefit the organizations they are a part of and establish a foundation of life-long learning.

Upon Graduation from CM BOLC LTs should possess:

### Skills:

Communication (verbal/written), lead small teams, adapts to changing environment, evaluate/assess information, direct/supervise, and problem solver

### Behaviors:

- Agile/Flexible
- Innovative
- Detailed Focused
- Disciplined
- Proactive
- Determined

**PME Objectives:** BOLC: Platoon Leader, BN CBRN Officer, DECON Ops, CM/BIO/RAD Defense, CBRN mounted and dismounted recon, HAZMAT, MDMP, IPB, FBCB2, JCR, CPOF

**Positions:** Platoon Leader, BN CBRN Officer, Aide-De-Camp, CRT



### Knowledge:

Army and CBRN doctrine; Authorities, Organizations, and Mission Command; CBRN Threat; Training Management; Unit Sustainment and Maintenance; EAB Operations; CBRN Role in MDO

### Skills:

Lead teams, decision maker, adapts to changing environments, complex planning, process information, and problem solver

### Behaviors:

- Expert
- Innovative
- Confident
- Disciplined
- Resilient
- Hard Working

**PME Objectives:** CCC: Company Command, BDE CBRN Officer, leadership foundations, CBRN tactical and technical training, combined arms tactics, CBRN operations, CWMD mission area, consequence management, mission command, unified land operations, and CPOF

**Positions:** Company Commander, BDE CM Officer, DIV/CORPS CBRN Staff, Small Group Leader, CTC Combat Trainer, CRT TE leader, USMA Faculty and Staff



# What to Expect – O3 & Beyond



- **Course work**
- **Major events/highlights**
- **Opportunities**





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# 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-](https://graduate.missouristate.edu/catalog/prog-counter-weapon-mass-destruction)



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# 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>



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# 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)**