

# HOMELAND

## Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // February 28, 2023



## NOTABLE TECHNICAL INQUIRY

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**Can you provide a listing of studies/analyses on lessons learned from the Ukraine war with Russia?**

The Homeland Defense and Security Information Analysis Center (HDIAC) was asked to provide lessons learned in the ongoing conflict between Ukraine and Russia. These lessons should apply to both the strategic and tactical levels of combat. The inquirer requested that the research focus on studies from organizations like Federally Funded Research and Development Centers. HDIAC identified lessons in five overarching areas—tactics, unmanned... [READ MORE](#)



## SNEAK PEEK

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### UPCOMING WEBINAR:

*Vulnerabilities to Food Security:  
Impacts on Military Readiness and  
National Security*

### DATE:

March 16, 2023

### TIME:

12:00 PM

### PRESENTED BY:

Deanna Milonas, Steven B.  
Freudnberger

### HOST:

HDIAC



## VOICE FROM THE COMMUNITY

### Chuck Brooks

*Brooks Consulting International*

Chuck Brooks is a globally recognized thought leader and subject matter expert in cybersecurity and emerging technologies. He is also Adjunct Faculty at Georgetown University's Graduate Applied Intelligence Program and the Graduate Cybersecurity Programs where he teaches courses on risk management, homeland security, and cybersecurity. He is a cybersecurity expert for "The Network" at the *Washington Post*, visiting editor at *Homeland Security Today*, expert for Executive Mosaic/GovCon, and a contributor to *Forbes*.

## ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are an SME!

Join our team today!

**BECOME A SUBJECT MATTER EXPERT**



U.S. Army

## HIGHLIGHT

### The 25th Countering WMD Journal

The U.S. Army Nuclear and Countering WMD Agency has released the 25th issue of the *Countering WMD Journal*.

The *Countering WMD Journal* is published semi-annually by the U.S. Army Nuclear and Countering WMD Agency. It furthers the education and professional development of military leaders and members of government and academia concerned with nuclear and countering... [LEARN MORE](#)

## FEATURED NEWS

### Mobile Chem-Bio Detection Lab Now Fielded in All 50 States, Territories

ABERDEEN PROVING GROUND, Md. – The mobile laboratory used for detecting and identifying chemical and biological hazards has now been delivered to all National Guard Bureau's weapons of mass destruction – Civil Support Teams (CSTs) in all 50 U.S. states, as well as the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. Named the Analytical Laboratory System – Modification Work Order, or ALS MWO, this 15-ton "lab on wheels" was celebrated at a ceremony on January 26 at Aberdeen Proving Ground – Edgewood, MD, for achieving full... [READ MORE](#)



Image: U.S. Army Acquisition Support Center



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## WEBINARS

### Vulnerabilities to Food Security: Impacts on Military Readiness and National Security

*Presented:* March 16, 2023 12:00 PM – 1:00 PM

*Presenter:* Deanna Milonas, Steven B. Freudnberger

*Host:* HDIAC

The Food and Agriculture (FA) sector is designated as one of the 16 critical infrastructures that contribute to our economic stability and security. Vulnerabilities to the FA sector pose a threat to food security, national security, and military readiness. In this webinar, we review the findings of a state-of-the-art report in progress by HDIAC which examines risks that global conflicts, climate change, bioterrorism, and cyberattacks pose on food security. We also explore the technologies, techniques, and policies to mitigate those vulnerabilities. [LEARN MORE](#)

## EVENTS

### Critical Infrastructure Protection and Resilience 2023

March 7–9, 2023

### Radiation Emergency Medicine Training Course

March 14–16, 2023

### Joint Civil & DoD CBRN Symposium

March 15–16, 2023

### Micro Radiation Emergency Medicine (MicroREM)

April 11–13, 2023

### National Fire Control Symposium 2023

April 24–27, 2023

### Want your event listed here?

Email [contact@hdiac.org](mailto:contact@hdiac.org), to share your event.

## DID YOU MISS OUR LAST WEBINAR?

“Bombing Prevention Resources for Mitigating the Use of Explosives and IEDs Against Critical Infrastructure”

[WATCH NOW!](#)

[or download the slides](#)

-  Alternative Energy
-  Biometrics
-  CBRN Defense
-  Critical Infrastructure Protection
-  Cultural Studies
-  Homeland Defense & Security
-  Medical
-  Weapons of Mass Destruction

## RECENT NEWS

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### DARPA Team Begins Work on Field-Deployable, Whole-Blood Equivalent

DARPA



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### Preparing for the Next Pandemic: JPM CBRN Medical and the Defense Innovation Unit Join Forces

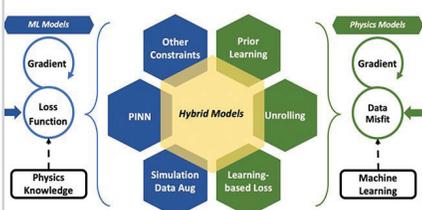
Defense Innovation Unit



Lawrence Livermore National Laboratory

### HALEU Demonstration: A Key First Step in Fueling Success for U.S. Advanced Reactors

Department of Energy, Office of Nuclear Energy



Los Alamos National Laboratory

### Machine-Learning Models, Guided by Physics, Will Improve Subsurface Imaging

Pacific Northwest National Laboratory



MIT Lincoln Laboratory

### Researchers Seek to Improve the Speed and Safety of Airport Security Screening

MIT Lincoln Laboratory



U.S. Air Force

### VCE Makes Laser Eye Exposure Treatment Recommendations

Military Health System