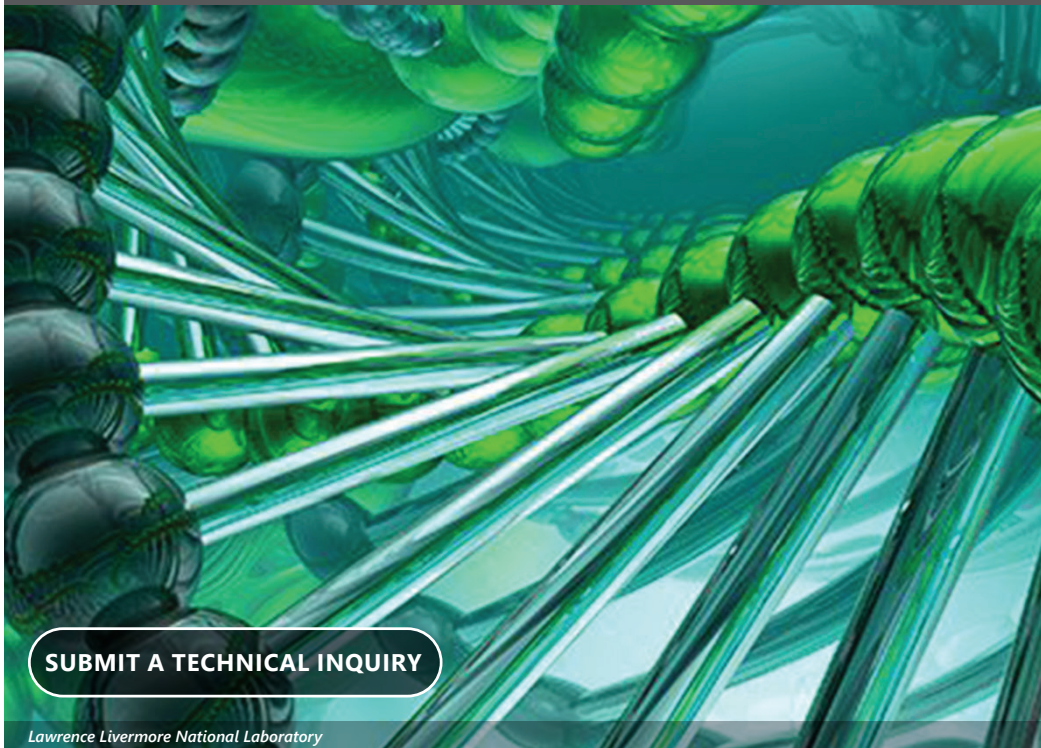


# HOMELAND

## Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // July 26, 2021



[SUBMIT A TECHNICAL INQUIRY](#)

Lawrence Livermore National Laboratory

## NOTABLE TECHNICAL INQUIRY

**What information is available on DNA biomarkers to assess physiological and psychological characteristics for military recruitment?**

A government organization requested information concerning the isolation of various biomarkers in human DNA to assess various physiological and psychological characteristics relevant to military recruitment. The use of genetic biomarkers in military recruitment is not a standard practice. However, HDIAC identified several studies linking specific genetic biomarkers to human physiological and psychological attributes relevant... [READ MORE](#)



## SNEAK PEEK

### UPCOMING WEBINAR:

*New Energy Sources: Clean and Economic Hydrogen Production From the Subsurface*

### DATE:

August 10, 2022

### TIME:

12:00 PM

### PRESENTED BY:

Dr. Qingwang Yuan

### HOST:

HDIAC



## VOICE FROM THE COMMUNITY

**David Ackerman, Esq.**  
*Head of Compliance, MobileCoin*

David Ackerman is the compliance head for MobileCoin, which builds a payment app using blockchain and cryptocurrency infrastructure that is global, fast, secure, and can be used on any mobile phone. He has been fighting financial fraud and terrorism financing for 15 years, specializing in emerging financial products. He has also been at the forefront of policymaking across five continents through his legal, operational, and regulatory guidance to both public and private sector companies. David is an advocate for establishing compliance best practices for the global cryptocurrency industry.

**BECOME A SUBJECT  
MATTER EXPERT**



## HIGHLIGHT

### Department of Homeland Security (DHS) Fusion Center Engagement and Information Sharing Strategy for 2022–2026

The Department's Fusion Center Engagement and Information Sharing Strategy document outlines a multiyear commitment to supporting our law enforcement and homeland security partners in states and cities nationwide and describes how DHS enables information sharing vital to fusion centers' missions and our national security. [LEARN MORE](#)

## FEATURED NEWS

### JPEO Enterprise Technology Tool

ABERDEEN PROVING GROUND, Md. – The Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense (JPEO-CBRND) recently launched the JPEO Enterprise Technology Tool, a web-based interface for industry members to share their business ideas and innovations with the JPEO-CBRND. Called "JETT" for short, it will serve as the front door for potential partners to connect with the right joint project managers (JPMs), joint project leads (JPLs), program managers, and technologists for future conversations. [READ MORE](#)

*Image: JPEO-CBRND*





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## WEBINARS

### New Energy Sources: Clean and Economic Hydrogen Production From the Subsurface

*Presented: August 10, 2022 12:00 PM – 1:00 PM*

*Presenter: Dr. Qingwang Yuan*

*Host: HDIAC*

While fossil fuels have powered society for more than 150 years, they are criticized for carbon dioxide (CO<sub>2</sub>) emissions and concomitant global warming concerns. Clean and economic energy is needed to meet the energy demands while mitigating environmental issues. Hydrogen (H<sub>2</sub>), as the fuel of the future, is the cleanest energy, as only water is generated when it is consumed. However, the current processes of hydrogen production are either too expensive or not clean. The next generation of technologies for H<sub>2</sub> production needs to be developed to accelerate and secure energy transition. [LEARN MORE](#)



### Countering Unmanned Aerial Systems in the Homeland: Constraints and Emerging Solutions

August 18, 2022 12:00 PM

## EVENTS

### 11th International Conference on Emerging Infectious Diseases (ICEID)

August 7-10, 2022

### Military Health System Research Symposium

September 12-15, 2022

### Drone Assessment and Response Tactics (DART) & Unmanned Aircraft Systems Program Development (UASPD) Training Courses

October 4-5, 2022

### 6th Oman Fire, Safety, and Security Event


October 25-26, 2022

### Law Enforcement Homeland Security Forum & Tech Expo

November 29-December 1, 2022

### Want your event listed here?

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

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

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## RECENT NEWS



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**Microsoft Launches Project Airsim, an End-to-End Platform to Accelerate Autonomous Flight**

Critical Infrastructure Protection



U.S. Army

**Fort Hunter Liggett First in Army to Receive Prehospital Whole Blood Transfusion Capability**

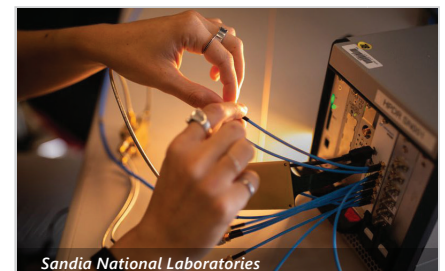
Medical



DEVCOM CBC

**Experts Explore Potential Upgrades to Fielded Decon System**

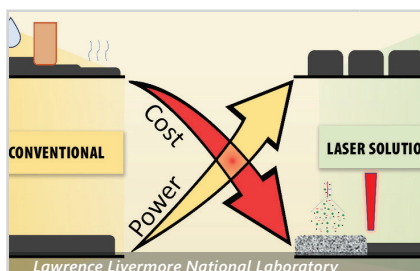
CBRN Defense



Sandia National Laboratories

**Radar Gets a Major Makeover**

Homeland Defense & Security



Lawrence Livermore National Laboratory

**3-D Printing Allows for Faster Charging and Higher-Energy-Density Lithium-ion Batteries**

Alternative Energy



Army Futures Command

**AFC Releases Army Medical Modernization Strategy**

Medical

