

# HOMELAND

## Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // April 2, 2021



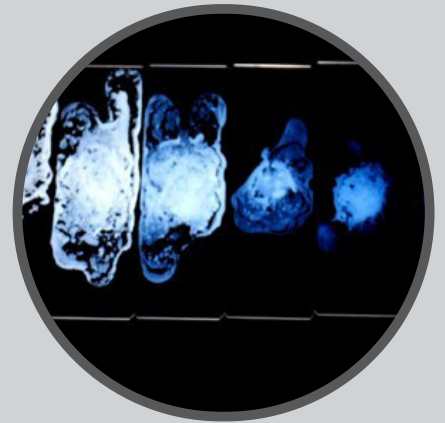
[SUBMIT A TECHNICAL INQUIRY](#)

U.S. Air Force

## NOTABLE TECHNICAL INQUIRY

**What antiviral surface coatings are commercially available that last weeks/months instead of hours/days?**

The Defense Systems Information Analysis Center (DSIAC) was asked to determine if commercial or government off-the-shelf, long-lasting antiviral surface coatings exist. DSIAC researchers compiled relevant information as of April 2020 and reached out to subject matter experts from U.S. Department of Defense (DoD) laboratories working on related efforts. Multiple commercial and government antimicrobial or antiviral surface coatings and DoD-funded research projects with the potential to protect against the... [READ MORE](#)



## SNEAK PEEK

### UPCOMING WEBINAR:

*Nanotechnology in Combat Casualty Care: State of the Art and Emerging Trends*

### DATE:

April 13, 2022

### TIME:

12:00 PM

### PRESENTED BY:

Gregory Nichols

### HOST:

HDIAC



## VOICE FROM THE COMMUNITY

### Dr. Rodney Coldren

*Physician, Board Certified in Preventive Medicine/Public Health*

Rodney Coldren is a physician board certified in Preventive Medicine/Public Health. Some of his key assignments have been as the Chief of Disease Epidemiology at the U.S. Army Public Health Center and the Public Health Emergency Officer for Army Europe/Africa. In the Army Medical Corps, he served in the United States, Korea, Kenya, Thailand, Iraq, and Germany and retired as a Colonel in June 2021. He has worked in emerging infectious disease surveillance and response as well as infectious disease epidemiology. Dr. Coldren is also an Associate Professor of Preventive Medicine at the Uniformed Services University of the Health Sciences.

**BECOME A SUBJECT MATTER EXPERT**



## HIGHLIGHT

### USS Gerald R. Ford (CVN 78) Mass Casualty Drill 2022

NORFOLK, Va. – The sounds of rapid bells followed by the repeated phrase “Mass Casualty, Mass Casualty, Mass Casualty on the Flight Deck” rings through the passageways of USS Gerald R. Ford (CVN 78), March 17, 2022. Ford’s crew spring into action. Each Sailor has a different responsibility, but they have all the same goal – to save lives. [LEARN MORE](#)

## FEATURED NEWS

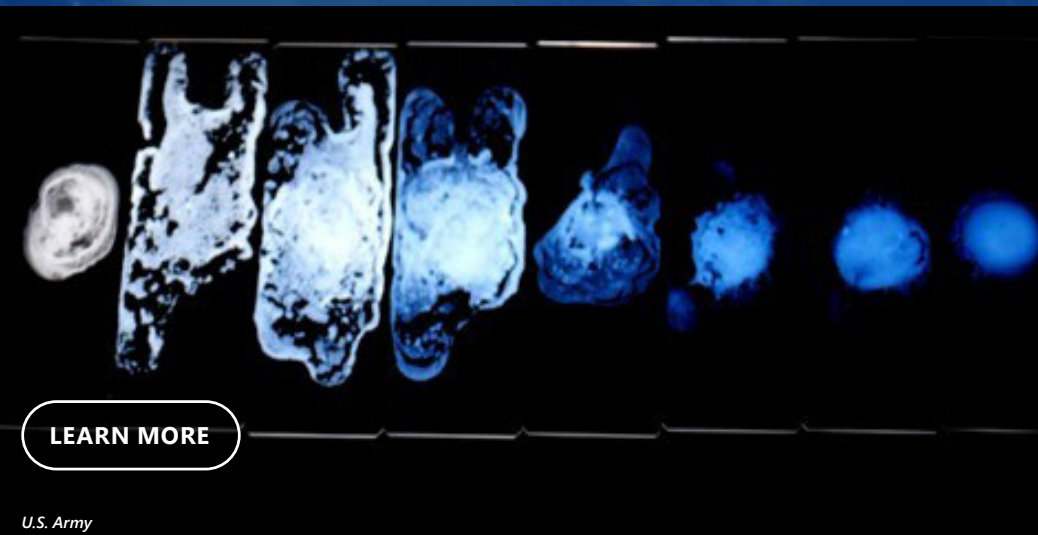
### Climate Investments Tied to Mission Objectives, DoD Official Says

"Climate change is reshaping the geostrategic operational and tactical environment, with significant implications for U.S. national security and defense, said Joe Bryan, a Department of Defense (DoD) official."



Bryan, DoD Chief Sustainability Officer and Senior Climate Advisor to the Defense Secretary; Melissa Dalton, Assistant Secretary of Defense for Homeland Defense and Hemispheric Affairs; and Richard Kidd, Deputy Assistant Defense Secretary for Environment and Energy Resilience, spoke to the media yesterday. [READ MORE](#)

*Image: U.S. Air Force*



[LEARN MORE](#)

U.S. Army

## WEBINARS

### Nanotechnology in Combat Casualty Care: State of the Art and Emerging Trends

*Presented:* April 13, 2022 12:00 PM–1:00 PM

*Presenter:* Gregory Nichols

*Host:* HDIAC

For over two decades, the government has invested heavily in nanotechnology research, and the broad applicability of advances in the field holds great promise to improve combat casualty care (CCC). Because of this broad scope, however, no single source exists that comprehensively assesses the current and potential applications of nanotechnology to military health service support, especially CCC. This webinar will present preliminary findings of an ongoing state-of-the-art report being conducted by HDIAC to evaluate the current and potential uses of nanotechnology to improve CCC. Primarily, the session will review current trends in relevant applied and translational research, commercially available... [LEARN MORE](#)



### Contactless: The Next Generation of Fingerprint Capture Technology

April 27, 2022  
12:00-12:45 PM

## EVENTS

### International Conference on Biometric Engineering and Applications (ICBEA044 2022: 16)

April 21-22, 2022

### Law Enforcement and Public Safety (LEAPS) Technology Forum

May 10, 2022

### CLEANPOWER 2022

May 16-18, 2022

### 11th Symposium on CBRNE Threats

June 5-8, 2022

### International Hazardous Materials Response Teams Conference

June 9-12, 2022

### 6th Annual Energy Drone & Robotics Summit

June 20-22, 2022

### National Homeland Security Conference 2022

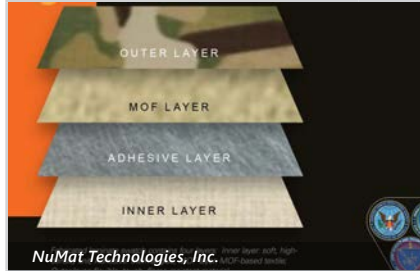
July 11-14, 2022

### 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

## RECENT NEWS



**Reduce. Reuse. Redefined.**

CBRN Defense



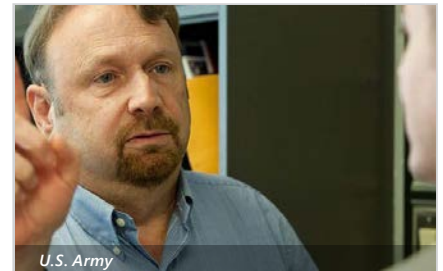
**Advanced Test Reactor Overhaul Complete; System Testing Underway to Resume Normal Operations**

Alternative Energy



**The Department of Homeland Security's Use of Emerging Technologies: Why Public Perception Matters**

Cultural Studies



**Concussion Care Pathway Streamlined for Better Results**

Medical



**DoD-Supported, 10-mg Naloxone Autoinjector Receives FDA Approval to Treat Known or Potential Ultra-Potent Opioid Exposure**

CBRN Defense; Medical



**Empowering Bomb Squads With DIY Innovations**

Homeland Defense & Security; WMD

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4695 Millennium Drive, Belcamp, MD 21017  
443-360-4600 | info@hdiac.org | hdiac.org  
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