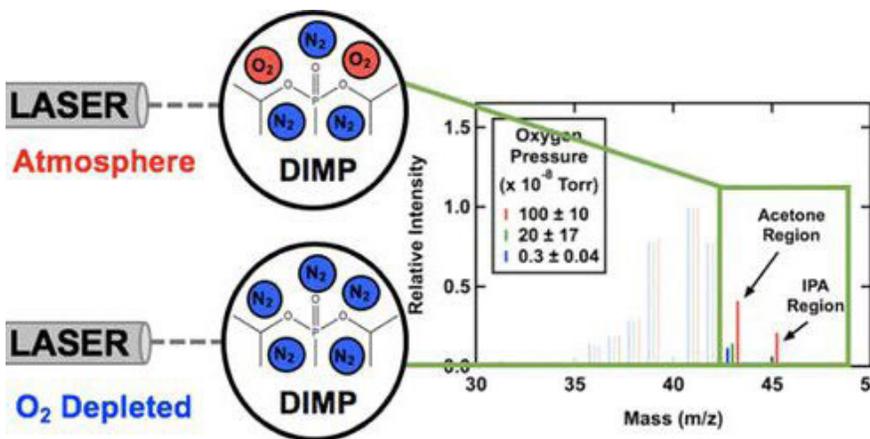


HOMELAND

Defense & Security Digest

The Latest From the Homeland Defense & Security Information Analysis Center // November 9, 2021



SUBMIT A TECHNICAL INQUIRY

NIH

NOTABLE TECHNICAL INQUIRY

What work has been done at Idaho National Labs (INL) using lasers to decompose VX nerve agent?

HDIAC received the following technical inquiry from Dr. Gene Stark, JPM-P CBRN Protection:

"I am looking for reports from work done at Idaho National Labs (INL) using lasers to decompose VX nerve agent. My understanding is that INL used a neodymium-YAG [Neodymium-doped Yttrium Aluminum Garnet] laser at wavelength of 266 nm to decompose VX nerve agent on vinyl... [READ MORE](#)



SNEAK PEEK

UPCOMING WEBINAR:

Right Information, Right Format, Right People - Keys to Improving Engagement Between the Department of Defense & the U.S. Innovation Community

DATE:

November 17, 2021

TIME:

12:00 PM

PRESENTED BY:

Lisa Delp, GDI Partners

HOST:

HDIAC



VOICE FROM THE COMMUNITY

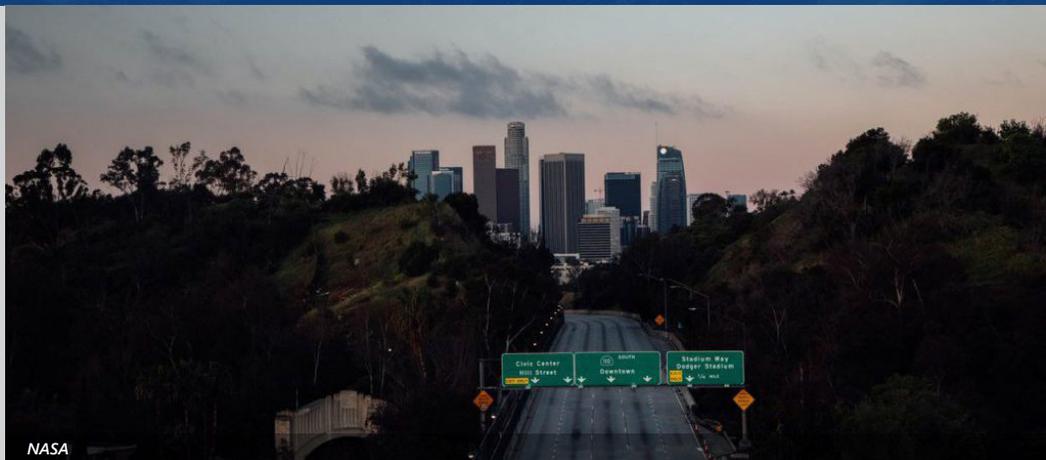
Al Burzynski

CEO and Co-Founder – MustER

Al is a highly skilled business executive, innovator, and strategic public relations marketing expert with a proven ability to solve multifaceted problems. He has assembled a team to develop a solution to America’s challenge of critical medical care surge capacity from America’s hospitals to the battlefield (www.combat-medsurge.com).

As a member of the U.S. Army, Department of Defense, and Veterans Administration, Burzynski has devoted most of his career to military and public service, holding various positions ranging from combat arms to public affairs to emergency management. He is a volunteer member on the Franklin County Community Emergency Response Team and a member of the Ohio Veterans Hall of Fame.

BECOME A SUBJECT MATTER EXPERT



HIGHLIGHT

Global Economic Effects of COVID-19

The COVID-19 viral pandemic is an unprecedented global phenomenon that is also a highly personal experience with wide-ranging effects. On September 20, 2021, U.S. viral deaths surpassed the 675,446 total from the 1918 Spanish flu, the previous worst U.S. pandemic-related death total on record. The pandemic has disrupted lives across all countries and communities and negatively affected global economic growth in 2020 beyond anything experienced in nearly a century. Estimates indicate the virus reduced global economic growth in 2020 to an annualized rate of around -3.2%, with a recovery of 6.0% projected for 2021. [LEARN MORE](#)

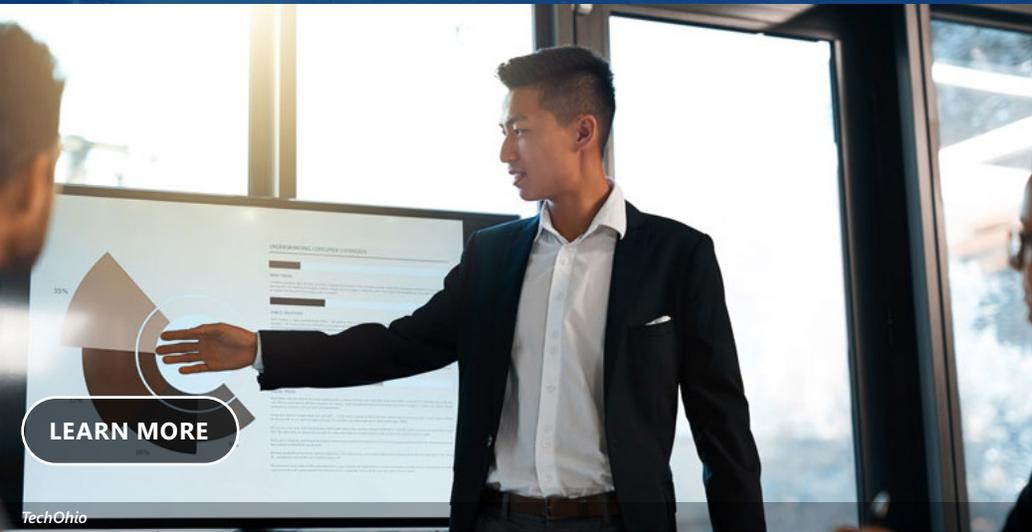
FEATURED NEWS

Time After Time’s Up

Medical countermeasures (MCMs) known as “resurrectors” may one day be incorporated into the combination antidote for nerve agents and organophosphate (OP) pesticides and could increase the current small window of time to treat organophosphate nerve agent (OPNA) poisoning. In its role as the Joint Science and Technology Office (JSTO) for Chemical and Biological Defense, the Defense Threat Reduction Agency’s (DTRA’s) Chemical and Biological Technologies Department is currently investing in work at MRIGlobal and Ohio State... [READ MORE](#)



Image: U.S. Army



[LEARN MORE](#)

TechOhio

WEBINARS

Right Information, Right Format, Right People - Keys to Improving Engagement Between the Department of Defense & the U.S. Innovation Community

Presented: November 17, 2021 12:00 PM–1:00 PM

Presenter: Lisa Delp, GDI Partners

Host: HDIAC

The U.S. Department of Defense (DoD) and the innovation community don't always speak the same language or do business in the same way; and until they do, neither can fully achieve their business or national defense goals. Yet some companies, particularly small businesses, continue to respond to solicitations that may, or may not, help to advance their technology. This happens because they don't always understand the language in DoD funding topics and may not know where to go for assistance.

Clear communication is vital if the DoD hopes to find new technologies to meet the challenges faced by Servicemembers and U.S. companies hope to secure development funding, demonstrate their technology... [LEARN MORE](#)



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Exploring Biometric Validation Approaches in the Age of COVID-19

December 15, 2021
12:00-12:45 PM

EVENTS

Energy, Infrastructure, and Environment (EIE) Summit

November 16, 2021

2021 American Nuclear Society (ANS) Winter Meeting and Technology Expo

November 30-December 4, 2021

From ADAS to Automated Driving Digital Summit

December 7-8, 2021

Intersolar North America and Energy Storage North America

January 13-15, 2022

Nuclear Deterrence Summit

February 7-9, 2022

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

April 21-22, 2022

11th Symposium on CBRNE Threats

June 5-8, 2022

Want your event listed here?

Email 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



Idaho National Laboratory

Clean Energy: Idaho National Laboratory Launches Its Net-Zero Microgrid Program

Alternative Energy & CIP



U.S. Army Public Health Center

A 3-D Virtual Human Thermoregulatory Model to Predict Whole-Body and Organ-Specific, Heat-Stress Responses

Medical



U.S. Army

U.S. Army Civilians Eliminate Potential Chemical Hazards Anytime, Anywhere

CBRN Defense & WMD



NASA

Decoding Cell Behavior and Disease With AI and Single-Cell Transcriptomics

Medical



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Bridging the Lithium Battery Supply Chain Gap—A New Alliance in the United States

Alternative Energy



U.S. Space Force

Countering Violent Extremism in the U.S. Military

Cultural Studies

