

# Mr. Douglas Bryce

Joint Program Executive Officer for Chemical, Biological, Radiological and Nuclear Defense

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# JOINT PROGRAM EXECUTIVE OFFICE FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR DEFENSE (JPEO-CBRND)

Who we are and where we are headed



## **AREAS OF RESPONSIBILITY**

## **Our Joint Project Managers**



NBC Contamination Avoidance COL Jeffrey Woods



**Chemical Sensors** 

Biological Detection Systems

Dismounted/Mounted Reconnaissance and Platform Integration

Cross Commodity
Advanced Threats &
Test Infrastructure

Obscuration



Information Systems

Mr. Scott White



Information Systems

Software Support Activity



Protection
Mr. Scott Paris



Individual & Collective Protection

Decontamination



Medical Countermeasure Systems COL David Hammer



Vaccines

Treatments

Diagnostics & Integrated Advanced Analytics



Guardian COL Anna Schneider



Integrated Laboratory Systems

Rad/Nuc Defense

WMD Elimination

WMDS Civil Support

Biosurveillance



## WE FACE A COMPLEX THREAT ENVIRONMENT

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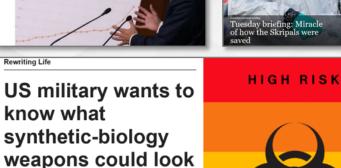




Rewriting Life

like

know what





Health officials cautiously optimistic dangerous Ebola outbreak is over



Russia says evidence of Syria chemical attacks was faked

By: Vladimir Isachenkov, The Associated Press





### **REALIZING**

## **INTEGRATED LAYERED DEFENSE**

## **Today's Modernization is Tomorrow's Readiness**



INTEGRATED SITUATIONAL UNDERSTANDING

- Machine Learning and Artificial Intelligence
- Next generation CBRN sensing and detection
- Wearable technologies



PROTECTION AND MITIGATION

- Next generation protective ensemble
- DECON family of systems
- Coatings/Barriers
- Collective Protection



MEDICAL PROTECTION AND MITIGATION

- Agile medical paradigm
- Platform/proven technologies
- Next generation diagnostics
- Advanced development manufacturing capabilities



### ENTRY POINTS TO ENGAGE



## Industry Days

GOVERNMENT AND INDUSTRY

**ENGAGEMENTS** 

- Conferences
- Office Calls
- · Chemical Biological Defense Acquisition Initiatives Forum (CBDAIF)
- · NBC Industry Group

POC: PUBLIC AFFAIRS OFFICE EMAIL: USARMY.APG.JPEO-CBD.MBX.-JPEO-CBD-PUBLIC-AFFAIRS-OFFICE@MAIL.MIL PHONE: 410-436-9000

#### **TECHNOLOGY AND** INNOVATIONS

- Spark
- · Early Discoveries
- · Accelerator for Innovative Minds (AIM)
- CRADA

POC: DAVE RESTIONE EMAIL: DAVID.M.RESTIONE.CIV@MAIL.MIL

PHONE: 410-436-0842

#### OTHER TRANSACTION **AUTHORITY (OTA)**

- · MCDC (Medical CBRN Defense Consortium) OTA - RDTE
- · CWMD (Combating Weapons of Mass Destruction) OTA - RDTE

MCDC OTA POC: BARRY G. SAYER EMAIL: BARRY, G. SAYER, CIV @ MAIL, MIL

PHONE: 301-619-2709

CWMD OTA POC: JEFF MEGARGEL EMAIL: JEFFREY.W.MEGARGEL.CIV@MAIL.MIL

PHONE: 410-417-2323

#### CONTRACTS

- · JE-OPETS Contract Support Personnel
- · JE-RDAP Development, Procurement, and Sustainment
- · JE-CLASS Logistics
- Stand Alone Contracts

JE-CONTRACTS POC: ALAN BURKET

EMAIL: ALAN.R.BURKET.CIV@MAIL.MIL PHONE: 443-655-8608

#### STAND ALONE CONTRACTS POC: TOM DICKSON

EMAIL: THOMAS.A.DICKSON4.CIV@MAIL.MIL PHONE: 410-436-6489

JPEOCBRND.OSD.MIL/work-with-us

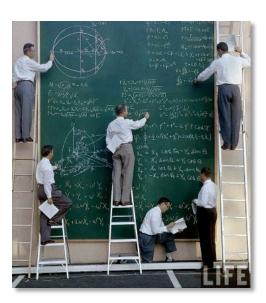


## THINKING BIG TOGETHER

What's it going to take for CBRN defense?



**BOLD VISION** 



**INGENUITY** 



**EXECUTION** 

"Creativity is thinking up new things."

Innovation is doing new things."

-Theodore Levitt, American Economist





The right technology, at the right time, in the right place and for the right cost.

## **Douglas W. Bryce**

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www.jpeocbrnd.osd.mil