

JPEO-CBRND

Preventing the Worst by Providing the Best

2021 NDIA CBRN DEFENSE CONFERENCE & EXHIBITION

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CBDP MODERNIZATION FOCUS AREAS

Modernize Biological Defense

Integrated Early Warning

Unencumber the Warfighter

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JPEO-CBRND CBDP MODERNIZATION FOCUS AREAS

NEW PROGRAMS & INITIATIVES

MODERNIZE BIOLOGICAL DEFENSE

- Countering Emerging Threats Rapid Acquisition and Investigation of Drugs for Repurposing (CET RAIDR) (FY22)
- Vaccine Acceleration by Modular Progression (VAMP) (FY22)
- 10 in 2 Interagency Antibody Challenge (FY22)
- Biological Defense Innovation Program (BDIP) (FY23)
- Plague Monoclonal Antibodies (PLG MAB) (FY23)

INTEGRATED EARLY WARNING

JPE -CBRND

- CBRN Support to Command & Control (CSC2) (FY22)
- Wearable Monitors for Total Health Awareness (FY21)
- Robotics, Autonomy & Artificial Intelligence (AI) (FY21)

UNENCUMBERING THE WARFIGHTEF

MODERNIZE THE MASK

- Ground Mask MWO (FY24)
- Advanced System for Protection and Integrated Reduction of Encumbrances (ASPIRE) (FY25)

HAZARD MITIGATION

- Tactical Contamination Mitigation System (TCMS) (FY22)

- Wide Area Decontamination System (WADS) (FY22)



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CONTACT

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BACKUPS

WHO WE ARE AND WHAT WE DO



JPEO-CBRND

MISSION: Protect the Joint Force from weapons of mass destruction by generating affordable capabilities

VISION: A resilient Joint Force enabled to fight and win unencumbered by a chemical, biological, radiological, or nuclear environment; championed by innovative, agile, results-oriented acquisition professionals





KIM JONG-NAM ASSASSINATION

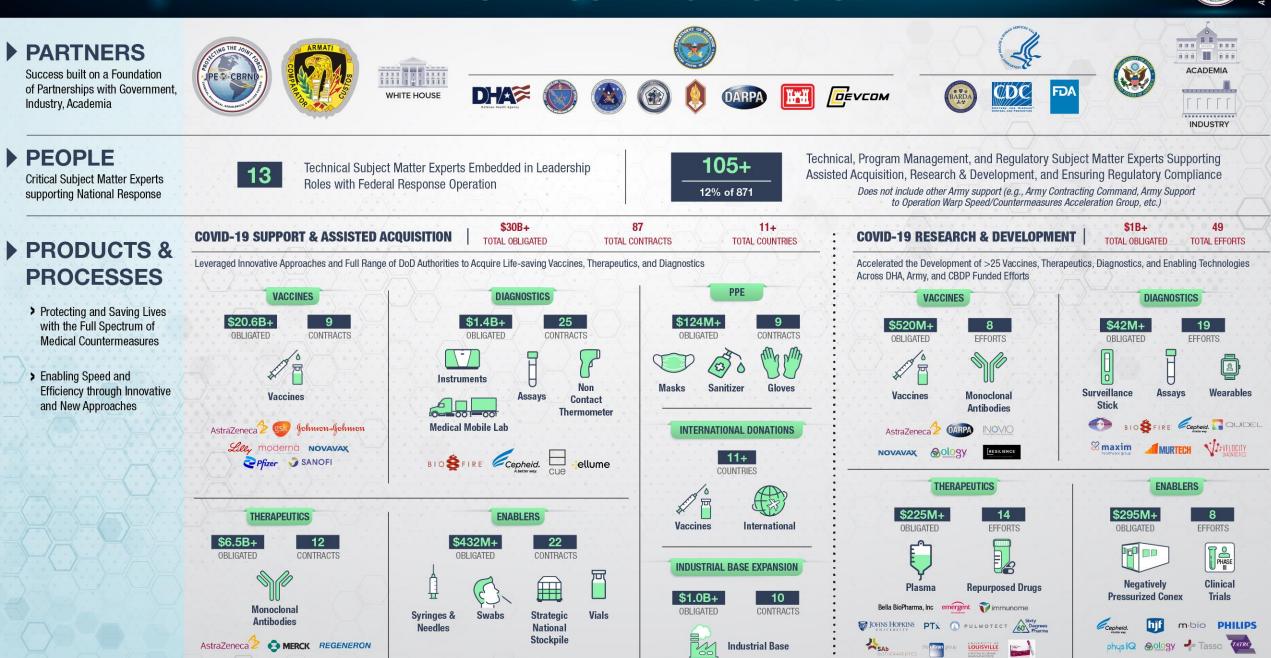


MISSION: Anticipate future threats and deliver capabilities that enable the Joint Force to fight and win in CB-contested environments

VISION: A Joint Force ready to fight and win in CB-contested environments through a coordinated effort designed to neutralize adversarial CB threats







JPEO-CBRND Focused on Learning from COVID Response to Continue Response and Better Prepare





JPEO-CBRND Personnel and Partnerships

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- Bench of highly skilled personnel necessary to enable surge and meet crisis
- Importance of having established trusted partnerships in place in time of need





- High interdependency between Joint Force readiness and global supply chain requires innovative market research, risk management, and funding / decisional flexibility in a constrained system
- In a crisis, require an operationally focused PEO where acquisition and operational communities work in parallel to effectively deploy novel technology





- Take advantage of "peace time" to increase capacity and hone capabilities to accelerate delivery across PPE, diagnostics, treatment, and prevention in future pandemics / CBRN threats
 e.g., clinical trial networks, priority access, refine platforms through MCM development
- Continuously evaluate and reprioritize efforts to redirect resources against the most critical needs as crisis and response evolve





- Established contracting mechanisms (e.g., MCDC OTA) and cross-functional relationships expedite access to non-traditional industry partners
- Critical role of understanding incentives of non-traditional suppliers (e.g., Pharma) in negotiations
- Acquisition strategy informed by understanding of supply chain vulnerabilities to build resiliency