



JPEO-CDRND

Preventing the Worst by Providing the Best

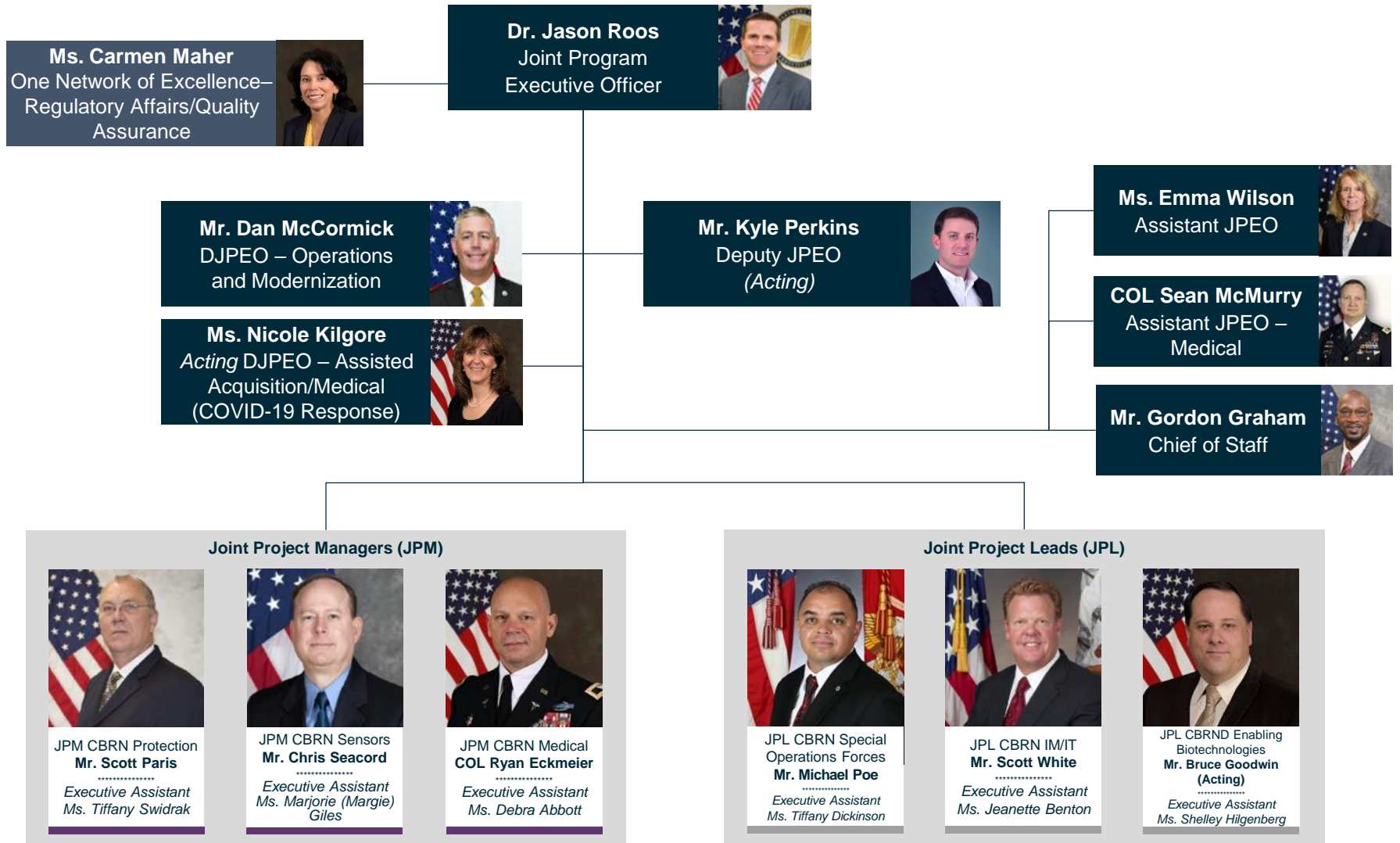


APG ADVANCED PLANNING BRIEFING TO INDUSTRY

20 April 2021



LEADERSHIP UPDATES





ACCOMPLISHMENTS AND HIGHLIGHTS

- **Significant Support to COVID-19 Federal Response Operation**
 - ACC-APG partnership was key to Assisted Acquisition support success
 - Vaccines, Therapeutics, Diagnostics, PPE, Enabling Capabilities
 - Infographic on JPEO website and social media
- Despite the tremendous challenges COVID-19 posed JPEO-CBRND
 - **Fielded over 290,000 products/systems**
 - Fielded over 400 **chemical and radiological detectors** to units across the globe in response to several Operational Needs Statements
 - Accelerated fielding of 9 **Analytical Laboratory System-Modification Work Order** systems to National Guard Civil Support Teams (CST) between August and October
 - Early fielding of **Next Generation Diagnostics System (NGDS)** for Full Operation Capability (85% of Army's diagnostic capability; 94% of total Joint Diagnostic FOC)
 - Delivered Capability Set 2.0 for **Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV)** Sensor Suite Upgrade
 - Procured and delivered **Rapid Opioid Countermeasure System (ROCS)** 2mg naloxone (also known as Narcan®) autoinjector to National Guard Bureau
 - Accelerated fielding of 12 **Chemical Biological Aircraft Survivability Barrier (CASB) negative pressure transportation systems**, protecting critical Special Operations aircraft that cost up to \$90 Million dollars each and cannot be decontaminated



FUTURE FOCUS: TRANSFORMATIONAL CAPABILITIES

- **The JPEO-CBRND will reset the Joint Force by 2030 by integrating technological advances into a suite of modernized CBRND capabilities that enable warfighter operations and situational understanding unencumbered by a CBRN environment. We will achieve this by:**
 - Tracking and understanding the foundational technology that supports our portfolio and building transition pipelines from our science and technology partners in government, industry, and academia
 - Maximally integrating CBRND capabilities into the warfighter's existing environment and platforms
- **Specifically, JPEO-CBRND will focus on the following three areas**
 - Modernize Biological Defense
 - Integrated Early Warning
 - Unencumber the Warfighter



MODERNIZATION FOCUS AREAS AND NEW STARTS

- **Modernize Biological Defense**

- Countering Emerging Threats Rapid Acquisition and Investigation of Drugs for Repurposing (CET RAIDR) (FY22)
- Biological Defense Innovation Program (BDIP) (FY23)
- Plague Monoclonal Antibodies (PLG MAB) (FY24)
- Antiviral Oral Therapeutics Program (AVO TX) (FY25)

- **Integrated Early Warning**

- CBRN Support to Command & Control (CSC2) (FY22)

- **Unencumber the Warfighter**

- Modernize the Mask
 - Ground Mask MWO (FY24)
 - Advanced System for Protection & Integrated Reduction of Encumbrances (ASPIRE) (FY25)
- Hazard Mitigation
 - CBRN Covers Coatings and Protective Overlays (C3PO) (FY21)
 - Service Equipment Decontamination System (SEDS) (FY21)
 - Wide Area Decontamination System (WADS) (FY22)
 - Tactical Contamination Mitigation System (TCMS) (FY22)
 - Next Generation Personnel Decontamination (NGPDC) (FY25)

- **JE-CLaSS Follow-on Multiple Award IDIQ**

- 4-year Base with 4-year Option, plus 3 years to complete orders
- Projected Award: January 2022
- Available to the CBRND Enterprise for use, including TACOM