



## **NPRSB** NATIONAL PREPAREDNESS & RESPONSE SCIENCE BOARD

### **APPENDIX 1: Potential High Impact and High Priority Topics for Consideration as Future Tasks to be Undertaken by the NPRSB (as determined by the Future of the NPRSB Working Group)**

#### **Operational capacity**

- Particularly final mile dispensing of medical countermeasures (MCMs)
- Application of operational science – assessing performance - defining best practices
- Where do CDC and ASPR stand in the bridge to state and local readiness?

#### **Multiple threat readiness**

- How can we better prepare for a multiple threat (or multiple location) event?

#### **Communication gaps**

- Strategies to communicate risk magnitude and preparedness realities to the public
- Use of social media to disseminate and gather reliable information

#### **Recovery and resiliency**

- Planning beyond response for recovery
- Opioid crisis impact on readiness and resiliency
- Current state of public health and healthcare systems and the workforce

#### **Medical countermeasures (MCM) and Strategic National Stockpile (SNS) capabilities**

- Expedited development and deployment of novel vaccines and other MCMs for emerging pathogens or threats
- MCM requirements – independent critique
- Effective formulations that address needs of growing special populations
- Is the SNS on target – review of governance, staffing, funding, and content maintenance?
- Advancing MCM development science and the pipeline
- Expedited development and deployment of diagnostics

#### **Science readiness**

- Where should we strategically invest and/or promote science as an asset towards improving readiness and closing perceived gaps?

#### **Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) threats**

- Follow-up from radiation issues raised in Gotham Shield
- Other threats – what is being stockpiled - are we aware and ready?

#### **Other Issues Considered**

Blood banks and blood supply  
Novel technologies  
Opioids  
Special population readiness  
Coalitions

Cybersecurity  
Patient transport and regionalization of care  
Responder education  
Antimicrobial resistance