



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