# Public Health Preparedness

*Building resiliency from community-level planning to Federal response*

## Our Involvement
We work with senior leaders, public health officials, and first responders across all levels of government to identify requirements and solutions.

| Full preparedness lifecycle support to enhance resiliency to naturally occurring, technological, man-made, and terrorist threats |
| Strategy and policy analysis and development |
| Stakeholder engagement across all levels of government and with industry and academia |
| Capabilities-based assessments, gap analysis, and requirements definition |
| Concept of Operations (CONOPS) and Standard Operating Procedures (SOP) development |
| Exercise planning, development, and execution |
| Risk-informed decision support |
| Scenario-based planning |
| Broad-spectrum medical countermeasure solution development |
| Chemical and biological detection systems engineering and technology acquisition |
| Infrastructure protection needs analysis |

## Our Achievements
Results-oriented solutions tailored to the needs of each stakeholder community.

- Developed the Strategic National Risk Assessment to support the National Preparedness Goal per PPD-8 (National Preparedness).
- Developed an “all-hazards” policy architecture for DoD.
- Drafted DoD Instruction (DODI) 6055.17, DoD Installation Emergency Management Program.
- Developed a decision framework to guide public health and emergency response following detection of a biological agent inside a facility.
- Analyzed DoD, Joint, and USAF policy and identified capability gaps, vulnerabilities, and opportunities for improving “all-hazards” preparedness and response.
- Conducted analyses of alternatives (AoAs) to inform development of medical countermeasure for the Hemorrhagic Fever Virus, Centrally Active Nerve Agent Treatment System (CANATS), Intracellular Bacterial Pathogen Therapeutics, Filovirus Vaccine, and Western Eastern Venezuelan Equine Encephalitis Vaccine.
- Performed an operational analysis of the White House National Security Council’s emerging “Biological Assessment Threat Response (BATR).”

## Our Current Research Areas

- **National Resiliency Starts at Home** – Decomposing the concept of resiliency from the National level to the family level and identifying conflicting objectives to enable better informed planning and decision-making.
- **Emergency Planning for Vulnerable Populations** – Determining what is needed and when, so planning initiatives and capabilities can be put in place to accommodate these needs.
- **A Well-Trained Citizenry** – Identifying and quantifying/qualifying inherent caregiver skills in the general population and determining how (or if) those skills can (or should) be leveraged for medical surge during disasters.
- **Detecting Patterns to Influence Better Outcomes** – Examining the use of big data analytics to enhance preparedness efforts.

## Contact Us
We want to talk about ways we can help you achieve your goals. Call or email one of our corporate leads or specialists for more information about opportunities to work together.

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