

EXERCISE DESIGN AND EVALUATION



JSI has worked with partners and clients to design, implement, and evaluate public health and health care-focused exercises for more than a decade. JSI's public health expertise and understanding of public health and health care emergency response ensures that our exercises hone in on those aspects of response that our clients most want to test.

Examples of Current & Recent Projects

JSI works with public health and health care partners clients to design, implement, and evaluate a variety of discussion- and operations-based exercises related to a wide range of public health and health care capabilities. Examples include:

Coalition Surge Test: JSI is currently working with the Granite State Health Care Coalition to plan and hold the group's first Coalition Surge Test. After conducting a workshop to help health care partners understand the requirements and format of the exercise, JSI will be holding the no-notice exercise in May/June 2018 to identify statewide gaps in surge planning. The Coalition Surge Test will meet both ASPR's guidance and HSEEP principles.

Infectious Disease Tabletop: JSI is currently working with the North Central Wisconsin Healthcare Emergency Readiness Coalition to plan a virtual tabletop exercise looking at regional information sharing, message coordination and dissemination, and fatality management in response to an emerging infectious disease scenario. JSI will be facilitating the tabletop from one health department, with partners joining remotely from 11 other health departments in the region.

Low-Flow Oxygen in Alternate Care Sites (ACSs): JSI worked with the NH Department of Health and Human Services to exercise the capacity of public health and health care partners to provide low-flow oxygen in Alternate Care Sites (ACSs). JSI worked with local, regional, and state partners to design, implement, and evaluate ten workshops and 12 functional exercises to inform the development and improvement of plans to provide supplemental oxygen at ACSs throughout NH. JSI ensured that each of the regional exercises met the needs of the state, while also addressing the current status of planning in each region.

Volunteers in Points of Dispensing: JSI worked with the NH Department of Health and Human Services and the Capital Area Public Health Network to plan, implement, and evaluate a functional exercise for 200 American Red Cross, CERT, and MRC volunteers. The exercise was designed to test the Point of Dispensing (POD) throughout, as well as give each volunteer hands-on experience with a role they may be asked to fill at a POD. Four iterations of the exercise were held and each volunteer had the opportunity to participate as both a POD client and POD staff.

Training

Since 2002, JSI has been applying training expertise to emergency preparedness, working at the local- to national-levels in the US and other countries to build response capacity. JSI has developed training and exercise programs addressing emergency preparedness topics, including community preparedness, continuity of operations planning, emergency operations coordination, emergency public information and warning, and epidemiological investigation.

JSI training development approach

JSI brings together training development teams that include experts in the fields of emergency preparedness, instructional design, and web design to develop training programs that are engaging and achieve stated goals.

JSI has extensive experience in the design and implementation of both classroom-based and online training programs that focus on the needs of the adult learner and are respectful of their time. Knowing that adults learn best when what they are learning is problem-based and evolves directly from their own experiences, JSI's in-person training programs use methodologies such as case studies, small group work, "teach-back," and participant demonstration of new skills, while web-based training programs incorporate interactive components that require participant engagement and interaction to reinforce learning. All web-based content developed by JSI is designed to meet the standards of the Americans with Disabilities Act (ADA), as well as Section 508 standards regarding accessibility of technology procured by the federal government.

Selected training programs

Continuity of Operations (COOP) Planning: JSI's COOP training program targets individuals and teams with management and oversight responsibility for distinct business units within health care, public health, municipal, and private sector organizations. We work with training program participants to identify essential functions and critical resources, determine potential strategies for strengthening their ability to maintain operations during and after an emergency, and develop a COOP plan.

Social Media in Emergency Preparedness and Response: JSI's social media training programs promote the targeted use of social media for situational awareness, community engagement, and emergency communications, and focus on integrating social media into existing Emergency Public Information and Warning plans and strategies. Participants engage with hands-on social media application opportunities, as well as strategies to incrementally incorporate social media into existing plans.

Preventing Disease Transmission Through the Use of Standard Precautions: This online course aimed at volunteers provides an overview of modes of disease transmission and steps that everyone can take to reduce the risk of disease transmission.

Health Information Privacy and Emergency Response: This online course targets volunteers who may have access to private health information during an emergency. The course builds awareness of legal protections for health information and knowledge of guiding principles for protecting health information, enforcing these principles through the use of case studies.