

Bill Lixey
Senior Associate



Education

- > Central Michigan University, Bachelor of Science

Key Areas of Expertise

- > Capability Assessments
- > Homeland Security Strategic Planning
- > Emergency Preparedness and Planning

Relevant Experience

- > Coordinated statewide Michigan Needs Assessment to address threat, risk, and vulnerabilities within all 83 counties to identify required capabilities.
- > Supported Michigan Department of Agriculture in preparing assessment instrument to measure capabilities and needs.
- > Participated in state-level focus group to assess Michigan's preparedness in all 37 Target Capabilities using a DHS-produced Pilot Capabilities Assessment instrument.

Colonel Lixey was born and raised in East Tawas, Michigan, attended Central Michigan University and entered the United States Army in September, 1972. During his military career his assignments included: Corps Chemical Officer, 18th Airborne Corps; Commander, 23 Chemical Battalion, Republic of Korea, and Director of Training, U.S. Army Chemical School, Fort McClellan, Alabama. In 1997 following the first attack on the World Trade Center, instituted a *Chemical-Biological Countermeasures Course* that was the first course specifically prepared to train America's first responders on responding to terrorist employed weapons of mass destruction. Many of the training facilities at Fort McClellan are now in use by Department of Homeland Security's *Center for Domestic Preparedness*, such as the live nerve agent training facility.

Since retiring in July 1998 he has been supporting the Emergency Management & Homeland Security Division, Michigan State Police and other state and federal agencies. Several accomplishments include:

Capability Assessments

- Participated as a member of a stakeholder working group with the National Association of Public Administration (NAPA), which was requested by the US Congress to assist FEMA with developing a methodology for quantitatively measuring enhancements to homeland security preparedness; provided NAPA representatives with a presentation and recommendations on risk- and scenario-based strategic planning.
- Consistent with the Department of Justice Domestic Preparedness 2000 and 2003 grant program, coordinated two statewide Needs Assessment efforts addressing threat, risk, and vulnerabilities within all 83 counties to subsequently identify required capabilities in the "solution areas" of planning, organization, training, exercises, and equipment to identify gaps in preparedness.
- Supported the Michigan Department of Agriculture in preparing an assessment instrument to measure the current capabilities and needs within the department and within private industry in an effort to protect the five segments of the food supply chain.

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Strategic Planning

- Wrote Michigan's initial *Statewide Domestic Preparedness Strategy* in 2000—Michigan was the fifth state in the nation to have its strategy approved by DOJ.
- Wrote Michigan's *Statewide Homeland Security Strategy* in 2003—Michigan was the first state in the nation to have its strategy approved by DHS.
- Updated Michigan's *Statewide Homeland Security Strategy* in 2005—Michigan was the first state in the nation to have its update strategy approved by DHS.
- Assisted the City of Detroit and Wayne County in writing the *Detroit Urban Area Security Initiative Homeland Security Strategy* in 2003 and in 2009.
- In 2009:
 - Developed a *10-Step Strategic Planning Process* founded upon the principles and contents contained within the *National Planning Scenarios*, *Target Capabilities List*, and the *National Preparedness Guidelines* that focused on risk-, scenario-, and capabilities-based planning processes to determine strategic goals and objectives.
 - Implemented the Target Capabilities List-based Capability Assessments and Scenario-based planning to determine high priority capabilities upon which to focus strategic goals and objectives.
 - Facilitated 30+ Planning Task Force meetings in four of Michigan's seven homeland security regions to craft Urban Area / Regional Homeland Security Strategies to guide future Homeland Security Grant Program expenditures.
 - Teamed with another individual to write a new Michigan Statewide Homeland Security Strategy (SHSS) using the above Strategic Planning Process.

Planning

- Served as the project lead for crafting the *Michigan Cyber Security Initiative* jointly announced by Governor Snyder and Janet Napolitano at the Michigan Cyber Security Summit in October 2011.
- Authored the operational-level *State of Michigan Information Sharing Environment Implementation Plan*.
- Chaired a planning team to craft the draft strategic-level *State of Michigan Statewide Information Sharing Environment Base Plan*.
- Participated on the Michigan Intelligence Operations Center (MIOC) Advisory Board and co-authored Critical Operational Capabilities required by DHS for statewide fusion centers.
- Assisted with writing the *WMD / Antiterrorism Annex, Michigan Emergency Management Plan* on several occasions.
- Assisted the *Agency for Toxic Substances & Disease Registry, Centers for Disease Control and Prevention* by performing a peer review of chemical and blister agent affects for a nationally

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distributed reference publication.

- Assisted with the writing of the *Michigan Smallpox Post-Event Plan*.
- Prepared the *Security* and *Distribution* chapters of the *Michigan Strategic National Stockpile Plan*.
- Assisted Detroit's *People Mover, Inc.* by drafting their multi-year risk-based *Regional Transit Security Strategy* that was approved by the Department of Homeland Security.
- Served as an editor and author of various segments of the state's *Mass Fatality Plan*.
- Assisted with the development of Michigan's *CHEMPACK Plan* to better ensure the timely deployment and arrival of critical lifesaving antidotes and medical equipment following a large-scale organophosphate release or a terrorist nerve agent attack.
- Prepared a *Terrorism Threat Assessment* for the state of Michigan in 2001.
- Completed initial conceptual design work for a "Statewide Mutual Aid Compact" that later evolved into the *Michigan Emergency Management Assistance Compact (MEMAC)*.
- Conducted a conceptual workshop to design a statewide response system for responding to terrorist employed toxic chemical materials which led to the creation of Michigan's *Regional Response Team Network*.
- Produced a protocol which addressed specific preventive and protective measures that should be initiated for each of the Homeland Security Threat Levels and provided it to a major auto supply company headquartered in SE Michigan for potential distribution and use worldwide.
- In 2005, assisted approximately 50% of the Local Health Departments in Michigan with obtaining critical hazard assessments which were vital for their being able to meet specific requirements in the fiscal year 2006 Centers of Disease Control grant guidance. Michigan was the first state in the nation to complete this component of the grant.
- Designed the state's backbone organizational structures for managing Michigan's homeland security program.

Exercises

- Designed and facilitated the state's first homeland security exercise.
- Assisted with design and conduct of exercise *Operation Perfect Game* prior to the 2005 All-Star Game in Detroit in accordance with Homeland Security Exercise & Evaluation Program procedures.
- To measure the effectiveness of the *Statewide Smallpox Post-Event Plan*, facilitated a satellite-based statewide smallpox exercise implementing television feeds to all of the State's Local Health Departments, Regional Medical Biodefense Network sites and a host of other agencies.

Homeland Security Grant Program

- FY2005-2009 prepared the risk-based formulas used to distribute federal Homeland Security Grant Program (HSGP) funds to local jurisdictions / regions and gained approval of Michigan Homeland Protection Board comprised of seven members of the Governor's cabinet.

Training

- Shortly after the terrorist attacks of September 11th, briefed the Governor and her cabinet on local, state, and federal response procedures following a WMD terrorist event.
- Supported one of the homeland security consortium partners by traveling to a number of states to deliver training on the *Initial Strategy Implementation Program*.