

HIMSS National Preparedness Response Task Force

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	NPR Research Grid User Guide	Person of Interest/ Project Owner/Governing Agency/Organization Col. Rosemary Nelson, Penny Dobb, Kim Hlobik, John McLamb, Simmi Singh and Dave Roberts
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Short description of preparedness activity/initiative

This preliminary draft of the NPR Research Grid was created to house the results of our initial data gathering activities. Data sources we used included our own ad hoc research over the past year or two, articles from major papers/journals, press releases, conference proceedings and presentations, industry discussions and a review of various websites and databases, both public and private.

Although we think our list represents a strong start and is quite comprehensive, we may have missed some major initiatives that are important, in which case please let us know. There is a tremendous amount of “activity” out there – initiatives being launched on a daily basis. We concentrated on those we felt had momentum, were of strategic importance and/or had delivered results.

Reference Number 0

Source for Additional Information

John McLamb, jmclamb@med.unc.edu

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	An Initiative to Develop a Framework for the Information Technology Infrastructure for	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Helga Rippen
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Short description of preparedness activity/initiative

Successfully addressing bioterrorism requires an effective IT infrastructure. The purpose of this RAND initiative is to articulate the IT infrastructure and recommend a course of action. RAND's Science and Technology Policy Institute is organizing this initiative as part of its mission to address scientific and technological issues of national importance.

Reference Number 1

Source for Additional Information

IT Infrastructure for Bioterrorism Summit

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	RAND Center for Domestic and International Health Security	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Kenneth Shine - Center Director
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Short description of preparedness activity/initiative

The Center for Domestic and International Health Security is a multidisciplinary research collaboration housed at RAND. The Center's research agenda has three basic components: making health a central component of U.S. foreign policy; preparing Americans to cope with the psychological effects of terrorism; and strengthening health response to terrorism.

Reference Number 2

Source for Additional Information

RAND Center for Domestic and International Health Security

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Key thought leaders to track - Dr. George Poste	Person of Interest/ Project Owner/Governing Agency/Organization Dr. George Poste
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Short description of preparedness activity/initiative

Dr. Poste is a member of the Defense Department's Defense Science Board and chairs its bioterrorism task force. A pathologist, Poste also is chief executive of consulting group Health Technology Networks, which specializes in genomics technologies and computing in health care. In addition, he is the chairman for Orchid Biosciences, Inc.

Reference Number 3

Source for Additional Information

Health Affairs Press Release: June 5, 2002

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Key thought leaders to track - Dr. Donald Henderson	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Donald Henderson
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Short description of preparedness activity/initiative

Currently the Director of the Office of Public Health Preparedness (OPHP), founding director of the Center for Civilian Biodefense Studies at the Johns Hopkins Bloomberg School of Public Health

Reference Number 4

Source for Additional Information

Johns Hopkins Bloomberg School of Public Health Faculty - Donald Henderson, Health Policy and Management

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Key thought leaders to track - Dr. Tara O'Toole	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Tara O'Toole
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Short description of preparedness activity/initiative

Director of the John Hopkins Center for Civilian Biodefense Strategies

Reference Number 5

Source for Additional Information

Dr. O'Toole Congressional Testimony - 06/25/02

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Key thought leaders to track - Dr. Micheal Osterholm	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Michael Osterholm
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Short description of preparedness activity/initiative

Director of the Center for Infectious Disease Research and Policy

Reference Number 6

Source for Additional Information

Dr. Osterholm Congressional Testimony - 10/09/01

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	American Medical Informatics Association (AMIA)	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

AMIA has released recommendations to assist in the fight against national health threats, including bioterrorism. The recommendations advocate that the federal government protect public health and national safety by establishing a national health information infrastructure (NHII).

Reference Number 7

Source for Additional Information

AMIA -- Public Policy, Bioterrorism

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	American Nurses Association (ANA)	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

ANA is working on several fronts to address disaster readiness in response to bioterrorism – making sure that RNs will be able to respond effectively in these new types of emergencies.

Reference Number 8

Source for Additional Information

ANA | Bioterrorism and Disaster Response

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	American Medical Association (AMA)	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

The AMA has worked on various initiatives related to bioterrorism including work in conjunction with the CDC.

Reference Number 9

Source for Additional Information

AMA (Terrorism) Index of Bioterrorism Resources

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	American Hospital Association (AHA)	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

AHA will support at the national level what our members will be working to achieve in their communities: the readiness of people and resources.

Reference Number 10

Source for Additional Information

Disaster Readiness - Home

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	BT Website for American Association of Health Plans (AAHP)	Person of Interest/ Project Owner/Governing Agency/Organization American Association of Health Plans (AAHP)
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Short description of preparedness activity/initiative

This site is dedicated to keeping you aware of the ongoing bioterrorism and emergency preparedness activities within the government and across the nation. AAHP staff members are keeping current with events and recommendations to help our member plans with their preparedness planning and to keep you informed.

Reference Number 11

Source for Additional Information

http://www.aahp.org/Content/NavigationMenu/Inside_AAHP/Bioterrorism_Emergency_Preparedness/Bioterrorism_Emergency_Pr

HIMSS Related Bioterrorism Projects

Project Title AAEP
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 12

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Corporate Initiatives: IBM Corporation	Person of Interest/ Project Owner/Governing Agency/Organization IBM Global Unit to address security/defense against biological warfare agents.
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Short description of preparedness activity/initiative

IBM has established a new global unit that will help companies and governments beef up security in their buildings and will gather and analyze information to defend against biological warfare agents such as anthrax.

Reference Number 13

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Corporate Initiatives: Booz-Allen	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

"Bioterrorism — Improving Preparedness and Response," a wargame sponsored by Booz Allen Hamilton and the Council for Excellence in Government, illustrates how participants in one of the first strategic simulations of a bioterrorism attack concluded that the government and private sector must work together to contain an epidemic.

Reference Number 14

Source for Additional Information

Booz | Allen | Hamilton - Bioterrorism Wargames

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Corporate Initiatives: Science Applications International Corp. (SAIC)	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

SAIC supports Homeland Security crisis management services including doctrinal development; comprehensive critical incident response training and exercise programs; contingency, continuity, and emergency operations planning; and information technology support for civil and military crisis action teams.

Reference Number 15

Source for Additional Information

SAIC: National Security: Homeland Security

HIMSS Related Bioterrorism Projects

Project Title Raytheon
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Raytheon today is focused on defense, government and commercial electronics and business aviation and special mission aircraft. The threat of terrorist attack in the United States brings into vivid focus the need to harness technology to Detect threats, Protect against and Respond to them. Raytheon has proven expertise in emergency management systems, advanced electronics and IT systems that provide 21st century solutions to tracking, monitoring and identifying potential threats, and protecting our communities. In addition, Raytheon technology can strengthen public safety networks, and enhance communities' first response and emergency management capabilities through planning and training, so that response is efficient and effective.

Reference Number 17

Source for Additional Information

<http://homelandsecurity.raytheon.com/>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Kentucky	Person of Interest/ Project Owner/Governing Agency/Organization Kentucky Cabinet for Health Services
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Short description of preparedness activity/initiative

Kentucky Health Alert Network Web Resource Center -This site is a product of Bioterrorism Preparedness and Response funds, obtained from the Center for Disease Control and Prevention, to enhance Kentucky's capacity for information dissemination in response to public health emergencies and threats of bioterrorism.

Reference Number 18

Source for Additional Information

KY: CHS: Department for Public Health - Bioterrorism

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Kentucky	Person of Interest/ Project Owner/Governing Agency/Organization Kentucky Department for Public Health - Preparedness Branch
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Short description of preparedness activity/initiative

Summary of updates re: CDC/HRSA funding in specific areas addressed by Kentucky's plan. In keeping with the CDC Focus Area E—Health Alert Network/Communications and Information Technology, a specific plan is being developed to deploy wireless devices across the state. Other options for wireless connectivity are being explored for those areas not in current coverage areas.

Reference Number 18.1

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Kentucky	Person of Interest/ Project Owner/Governing Agency/Organization Kentucky Society of Health System Pharmacists
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Short description of preparedness activity/initiative

Counter terrorism resources on primary web site. Includes links to: CDC Emergency Preparedness & Response, ASHP Emergency Preparedness, FDA Drug Preparedness and Response to Bioterrorism.

Reference Number 18.2

Source for Additional Information

KSHP

HIMSS Related Bioterrorism Projects

Project Title Merlin
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization
Florida Department of Health

Short description of preparedness activity/initiative

Florida's Response to Bioterrorism is thought to be a model for other states: Merlin Disease Reporting System Merlin is the name of the Florida Department of Health's electronic system for the reporting and management of communicable disease information.. The web-based system identifies and tracks disease outbreaks and provides an early warning for health care workers.

Reference Number 19

Source for Additional Information

Florida Legislature 2002 Session: News from the State House

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Connecticut	Person of Interest/ Project Owner/Governing Agency/Organization Yale New Haven Health
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Short description of preparedness activity/initiative

Participating in establishing Centers of Excellence for Bioterrorism Preparedness. Yale New Haven and Hartford Hospital as tertiary and quaternary health centers will take a leadership role in planning/coordinating regional response, training and clinical care associated with potential bioterrorist threats.

Reference Number 20

Source for Additional Information

Bioterrorism Preparedness and Response News Release - Yale
New Haven Health System

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Illinois	Person of Interest/ Project Owner/Governing Agency/Organization Chicago Department of Public Health
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Short description of preparedness activity/initiative

The Chicago Department of Public Health (CDPH) has been building a Bioterrorism response capability since 1998, and the recently received grants from the Centers for Disease Control and Prevention/Bioterrorism Preparedness and Response Program will enhance capabilities in the areas of Surveillance & Epidemiology-Core Capacity & Special Projects, as well as the Health Alert Network.

Reference Number 21

Source for Additional Information

Chicago Department of Health - Bioterrorism Section - Chicago Initiatives

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: New York	Person of Interest/ Project Owner/Governing Agency/Organization Greater New York Hospital Association - Emergency Preparedness Resource Center
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Short description of preparedness activity/initiative

Comprehensive resources including brochures, pocket guides, posters in PDF and other formats addressing Nuclear, Biological and Chemical (NBC) events.

Reference Number 22

Source for Additional Information

Greater New York Hospital Association

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Maryland	Person of Interest/ Project Owner/Governing Agency/Organization Johns Hopkins Center for Civilian Biodefense Strategies
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Short description of preparedness activity/initiative

The Center for Civilian Biodefense Strategies is establishing a new nationwide biodefense communications network for practicing clinicians.

Reference Number 23

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Virginia	Person of Interest/ Project Owner/Governing Agency/Organization Virginia Department of Health
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Short description of preparedness activity/initiative

Creation of 130 bioterrorism-related jobs at state and local health departments that will be funded from combined state and federal sources; The federal grant requests are intended to upgrade infectious disease surveillance and investigation, as well as expand public health laboratory and communications systems capacities.

Reference Number 24

Source for Additional Information

Governor Warner: In the News

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: California	Person of Interest/ Project Owner/Governing Agency/Organization UCLA Center for Public Health and Disasters
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Short description of preparedness activity/initiative

Web site dedicated to bioterrorism preparedness for physicians.

Reference Number 25

Source for Additional Information

Center for Public Health and Disaster Relief

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	California BT Resource Center	Person of Interest/ Project Owner/Governing Agency/Organization California Medical Association
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Short description of preparedness activity/initiative

Bioterrorism Resource Center for physicians via CMAnet. On-line resource for California physicians with comprehensive links to State/Federal preparedness projects and information resources.

Reference Number 26

Source for Additional Information

<http://www.cmanet.org/publicdoc.cfm/534/207/gener/677>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Michigan	Person of Interest/ Project Owner/Governing Agency/Organization University of Michigan
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Short description of preparedness activity/initiative

The University of Michigan Bioterrorism Initiative. Topical workgroups form around specific opportunities and topics, such as: biological agents; education and training; emergency preparedness and response; epidemiology, detection and surveillance; technology; and information and communications

Reference Number 27

Source for Additional Information

UM SPH News Release

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Rapid Syndrome Validation Project (RSVP)	Person of Interest/ Project Owner/Governing Agency/Organization Sandia National Labs - New Mexico - Dr. Zelicoff
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Short description of preparedness activity/initiative

To enable a two-way flow of information, Dr. Zelicoff created an Internet-based database application called Rapid Syndrome Validation Project (RSVP). Physicians and clinicians use a touch screen to pick from a menu of disease symptoms such as fever with skin rash, respiratory ailments or influenza-like illness.

Reference Number 28

Source for Additional Information

Rapid Syndrome Validation Project

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Nebraska	Person of Interest/ Project Owner/Governing Agency/Organization University of Nebraska Medical Center
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Short description of preparedness activity/initiative

Discussion of National Emergency Preparedness Laboratory, a facility that UNMC is proposing to augment the Centers for Disease Control and Prevention. The task force's report says the university has experience and expertise in many bioterrorism-related areas.

Reference Number 29

Source for Additional Information

Bioterrorism: Readiness and Response

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Pennsylvania	Person of Interest/ Project Owner/Governing Agency/Organization Department of Health (DOH)
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Short description of preparedness activity/initiative

State disease surveillance system with pilot projects in Philadelphia, Harrisburg, Pittsburgh 6/2002.

Reference Number 30

Source for Additional Information

Creating A Secure Homeland: A Report on Pennsylvania
Progress

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	State-level Initiatives: Washington	Person of Interest/ Project Owner/Governing Agency/Organization University of Washington School of Public Health & Community Medicine
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Short description of preparedness activity/initiative

Spring/Summer 2002 update re: Northwest States preparedness activities (Alaska, Idaho, Montana, Oregon, Washington, Wyoming), with links to each state's specific initiatives.

Reference Number 31

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title / Agency / Pilot / Initiative:	National Association for County and City Health Officials	Person of Interest/ Project Owner/Governing Agency/Organization NACCHO
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Short description of preparedness activity/initiative

Terrific study of preparedness efforts and status within cities across the United States. Public components of information covered in press releases, white paper and congressional testimony, as well as in articles in major national publications offering coverage of the completed study

Reference Number 32

Source for Additional Information

www.naccho.org

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Federally Sponsored Scenario Exercises (Dark Winter and TopOff)	Person of Interest/ Project Owner/Governing Agency/Organization HHS Office of Emergency Preparedness and its partners
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Short description of preparedness activity/initiative

These exercises which were designed, organized and executed on a large scale provide valuable lessons in preparedness which can be adapted to enrich any existing plan in place - whether it serves the needs of an organization, community or a larger region

Reference Number 33

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Federally Sponsored Scenario Exercises (Dark Winter and TopOff)	Person of Interest/ Project Owner/Governing Agency/Organization Johns Hopkins Center for Civilian Biodefense, ANSER, Center for Strategic and International Research and Memorial
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Short description of preparedness activity/initiative

These exercises which were designed, organized and executed on a large scale provide valuable lessons in preparedness which can be adapted to enrich any existing plan in place - whether it serves the needs of an organization, community or a larger region.

Reference Number 34

Source for Additional Information

Center for Strategic and International Studies: www.csis.org.
Johns Hopkins Center for Civilian Biodefense Strategies:

HIMSS Related Bioterrorism Projects

Project Title RODS - Real-time Outbreak And
/Agency / Pilot / Disease Surveillance
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization
National Library of Medicine Agency for
Healthcare Research and Quality - Centers
for Disease Control -Prevention Center for

Short description of preparedness activity/initiative

This line of research began in 1999 and evolved from work in clinical event monitoring funded by the National Library of Medicine. The National Library of Medicine encouraged the application of this technology to the problem of real-time detection of biological events.

Reference Number 35

Source for Additional Information

<http://www.health.pitt.edu/rods>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	HAN- Health Alert Network	Person of Interest/ Project Owner/Governing Agency/Organization Centers for Disease Control
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Short description of preparedness activity/initiative

Through the Health Alert Network (HAN) initiative, CDC is aiding state and local health departments to raise their capacity and preparedness to deal with public health threats. Key elements are modern information and communication systems, a fully trained workforce, and robust organizational capacity to address the full spectrum of public health issues, including potential bioterrorism. Since CDC launched the initiative in 1999, nearly \$90 million in grants have gone to 50 states, Guam, and 7 large cities (including local Centers for Public Health Preparedness). CDC provides consultation and technical assistance to the grantees.

Reference Number 36

Source for Additional Information

<http://www.cdc.gov/programs/bio2.htm>

HIMSS Related Bioterrorism Projects

Project Title	ESSENCE- Electronic Surveillance	Person of Interest/ Project
/Agency / Pilot / Initiative:	System for the Early Notification of Community-Based Epidemics	Owner/Governing Agency/Organization
		Dept of Defense

Short description of preparedness activity/initiative

Department of Defense Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) system (5), which is based on encounter data from health services operated by the Department of Defense

Reference Number 37

Source for Additional Information

<http://www.geis.ha.osd.mil/>

HIMSS Related Bioterrorism Projects

Project Title	NCEDD - North Carolina	Person of Interest/ Project
/Agency / Pilot / Initiative:	Emergency Department Database	Owner/Governing Agency/Organization
		CDC - Homeland Security Initiative - NC
		DHHS - UNC-Chapel Hill

Short description of preparedness activity/initiative

Emergency Dept Data Warehouse - Collects emergency Dept data on a daily basis from disparate, heterogeneous hospital systems statewide. Standardize the data using the CDC's emergency department recommended standard, DEEDS.

Reference Number 38

Source for Additional Information

www.ncedd.org

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	NY Bioterrorism Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

Manual reveiw of ED data downloaded from NY emergency departments. The data is then reviewed by a physician.

Reference Number 39

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title HealthSentry
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization
Cerner Corp

Short description of preparedness activity/initiative

The system, called HealthSentry, monitors the types of testing at participants' labs and gathers the data for the health department, which can use the information for early detection of disease outbreaks or biological warfare attacks.

Reference Number 40

Source for Additional Information

<http://www.kclifesciences.org/content/Newsroom/2002Announcements/20020422CernerAnn.asp>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	HealthPartners in Minnesota	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

After the Sept. 11 attacks, HealthPartners in Minnesota began screening diagnosis data arriving from hundreds of doctors' offices and 19 clinics in the Twin Cities region. The insurer checks for 31 symptoms or diseases that could be early warning signs of a bioterrorism attack. The number of cases of each symptom is compared with a 5-year average, looking for an increase or pattern, and the results are sent nightly to local public health officials.

Reference Number 41

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	System in Washington State	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

Hospitals and labs in Washington state are testing a surveillance system that tracks laboratory results from several hospitals and labs. It has allowed them to cut the time it takes to notify national disease experts of potential outbreaks to days instead of weeks.

Reference Number 42

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title CDC and Massachusetts Partnership
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

We describe here an automated system developed in a partnership between the Centers for Disease Control and Prevention, the Massachusetts Department of Public Health, a large group practice, a health plan, and an academic department. The system produces next-day information about illness clusters, based on ambulatory-care visits and telephone calls.

Reference Number 43

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Knowledge-Based Bioterrorism Surveillance	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

National Pharmaceutical Stockpile Drill Analysis Using XML Data collection

Reference Number 44

Source for Additional Information

www.phig.washington.edu

HIMSS Related Bioterrorism Projects

Project Title Frontlines of Medicine
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

The Frontlines of Medicine Project: A proposal for the standardized communication of emergency department data for public health uses including syndromic surveillance for biological and chemical terrorism

Reference Number 45

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title Harvard Consortium
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

The Centers for Disease Control and Prevention (CDC) announced today that \$1.2 million is being awarded to the Harvard Consortium for a pilot program to develop an early warning system for terrorism attacks. The project would be just one element of a national warning system and will utilize managed care networks that already exist, scanning these systems continually for clusters of illness.

Reference Number 46

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	NEDSS - National Electronic Disease Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

The National Electronic Disease Surveillance System (NEDSS) is an initiative that promotes the use of data and information system standards to advance the development of efficient, integrated, and interoperable surveillance systems at federal, state and local levels.

Reference Number 47

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	MOST Charlotte-Mechlanburg Co. Area	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

MOST - Medical Online Surveillance Tool - is an operational public health tool managed and operated by Mecklenburg County Health Department to provide early warning and response to emerging public health threats, including bioterrorism.

Reference Number 48

Source for Additional Information

www.ncmost.org

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	LEADERS - Lightweight Epidemiology Advanced Detection & Response System	Person of Interest/ Project Owner/Governing Agency/Organization Developed by USAF with consortium of EYT, Oracle, ScenPro, Compressus, Idaho Technology
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Short description of preparedness activity/initiative

Provided medical surveillance for signs and symptoms of a biological attack for NY within 24 hours of the attack on the World Trade Center.

Reference Number 49

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	SAMS - SNAP Automated Medical System (SNAP - Shipboard Non-tactical Automated Data Processing)	Person of Interest/ Project Owner/Governing Agency/Organization Navy/SPAWAR
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Short description of preparedness activity/initiative

Web based system for syndromic surveillance to track medical readiness of Navy and Marine operational units and can be data mined for disease surveillance (not syndromic)

Reference Number 50

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	MDSS - Medical Data Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization NHRC/SPAWAR
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Short description of preparedness activity/initiative

Detects burst and trend statistical changes in diagnosis or number of patients seen

Reference Number 51

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	DMSS - Defense Medical Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization AMSA
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Short description of preparedness activity/initiative

Automated information system that provides medical surveillance and epidemiological information to policy makers, medical planners, and researchers

Reference Number 52

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	RDSS - Rapidly Deployable Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization NEHC
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Short description of preparedness activity/initiative

Non computerized (paper and pencil) surveillance system for immediate use in Navy Military treatment facilities that are not automated.

Reference Number 53

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	FMSS - Field Medical Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization NHRC
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Short description of preparedness activity/initiative

Used at first echelon on care for foreign deployments or conflicts. Provides the ability to record, analyze and disseminate data on disease and illnesses.

Reference Number 54

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title	MSS/LERSM - Medical	Person of Interest/ Project
/Agency / Pilot /	Surveillance System/Lower Echelon	Owner/Governing Agency/Organization
Initiative:	Report and Surveillance Module	TMIP - Theater Medical Information Program (Defense Dept)

Short description of preparedness activity/initiative

Will provide situational awareness, patient tracking and medical surveillance functions.

Reference Number 55

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	DHSS - Defense Health Surveillance System	Person of Interest/ Project Owner/Governing Agency/Organization CHPPM/SOCOM (Army)
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Short description of preparedness activity/initiative

Capture Level 1 medical data point of care. Provides secure and timely data transfer to centralized health data bank.

Reference Number 56

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	GEMS - Global Expeditionary Medical System	Person of Interest/ Project Owner/Governing Agency/Organization USAF
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Short description of preparedness activity/initiative

Comprised of Patient Encounter Module (PEM), Theater Epidemiology Module (TEM), and Theater Occupational Module (TOM).

Reference Number 57

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	BASIICS - Biothreat Active Surveillance Integrated Information and Communications System	Person of Interest/ Project Owner/Governing Agency/Organization Health Hero Network, Inc.
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Short description of preparedness activity/initiative

Point of Care surveillance system. Does analysis of data from multiple geographic levels . SYSTEM WILL ACCELERATE THE REPORTING AND DETECTION OF CHEMICAL AND BIOLOGICAL THREATS. Active Disease Surveillance · Consistent Data Collection · Real-time Analysis Respond to Changing Conditions · Automate Manual Processes · Dynamic Survey Capability

Reference Number 58

Source for Additional Information

www.healthhero.com/products/basiccs.html

HIMSS Related Bioterrorism Projects

Project Title RSVP - Rapid Syndromic
/Agency / Pilot / Validation Project
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization
Sandia National Labs

Short description of preparedness activity/initiative

Internet based, real-time reporting of disease syndromes

Reference Number 59

Source for Additional Information

rsvp.sandia.gov

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	SURVEIL (not an acronym)	Person of Interest/ Project Owner/Governing Agency/Organization DSHI Systems, Inc.
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Short description of preparedness activity/initiative

Collects data at point of care and sorts into 30 common disease syndrome groups. Syndromic surveillance: biological & chemical terrorism Chronic disease surveillance Computerized recruiting for clinical trials

Reference Number 60

Source for Additional Information

<http://www.dshisystems.com/>

HIMSS Related Bioterrorism Projects

Project Title RedBat
/Agency / Pilot / Initiative:

Person of Interest/ Project Owner/Governing Agency/Organization
ICPA, Inc.

Short description of preparedness activity/initiative

A bioterrorism and reportable disease software management system. Imports data from hospitals and transmits to a central location for community wide analysis. Identifies uncommon or atypical clusters of symptoms and outcomes.

Reference Number 61

Source for Additional Information

www.icpa.net/redbat.htm

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	DARPA - Defense Advanced Research Projects Agency	Person of Interest/ Project Owner/Governing Agency/Organization InfectionControl and Prevention Analysts (ICPA)
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Short description of preparedness activity/initiative

Bio-surveillanceRedBat™ is the only truly affordable syndromic surveillance software system available today. It is the perfect link between Point-of-Care facilities (such as hospitals) and Agencies (such as the public health department). Syndromic Surveillance (the ongoing analysis of medical data to search for unusual combinations of signs and symptoms in a population) is a key requirement for bioterrorism preparedness! Only RedBat gives you the big advantage of very minimal data entry. It does not require dedicated personnel to enter data, but instead uses SymptomScan™ (proprietary “text mining” technology) to extract useful information from symptoms already recorded in the hospital ED (or Billing) computer system. Using a large dictionary of terms, RedBat automatically converts symptom or chief complaint text into codes that appear in the RedBat screens.

Reference Number 62

Source for Additional Information

<http://www.icpa.net/redbat.htm>

HIMSS Related Bioterrorism Projects

Project Title New York State Physicians Intranet
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization
\$60 million grant from Atlanta-based
Centers for Disease Control and
Prevention to the state and New York City

Short description of preparedness activity/initiative

New York state plans to create the first statewide alert system designed to rapidly inform doctors of suspected biological and chemical terrorist attacks, sudden disease outbreaks, or other public health emergencies, officials said.

Reference Number 63

Source for Additional Information

[http://online.wsj.com/article/0,,BT_CO_20021219_003960,00.ht
ml](http://online.wsj.com/article/0,,BT_CO_20021219_003960,00.html)

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Quintiles Pharmacy Data Surveillance System -Versipan	Person of Interest/ Project Owner/Governing Agency/Organization Quintiles Corp.
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Short description of preparedness activity/initiative

Surveillance system based on Pharmacy data

Reference Number 64

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title Homeland Security Legislation and
/Agency / Pilot / Related Appropriations
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 65

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title Disaster Preparedness Legislation
/Agency / Pilot / and Related Appropriations
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 66

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title Hart-Rudmann Commission
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 67

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	GAOStudy on the flow of funds to and from Preparedness Efforts across the US	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

Reference Number 68

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title HHS - Centers for Disease Control
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 69

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title HHS - Office of Public Health
/Agency / Pilot / Preparedness
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 70

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title DOD Initiatives - Defense Threat
/Agency / Pilot / Reduction Agency
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 72

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	DOD Initiatives - Program Executive Office for Chemical and Biological Defense	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

Reference Number 73

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title / Agency / Pilot / Initiative:	ISAC - Information Sharing & Analysis Centers	Person of Interest/ Project Owner/Governing Agency/Organization US Dept of Homeland Security
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Short description of preparedness activity/initiative

An ISAC exists to enable members to share information about vulnerabilities, threats, and incidents (cyber and physical). Many of the ISACs, particularly since the events on September 11th, 2001, now include reporting on physical threat information as well.

An ISAC is intended to gather, analyze, and disseminate to its members an integrated view of information system and other infrastructure vulnerabilities, threats, and incidents that are relevant to the ISAC's sponsoring sector. An ISAC may also share best security practices and solutions among its members.

The information which ISACs commonly work with provide warnings, establish trends in types and severity of attacks, and share threats and solutions among the ISAC membership and other appropriate organizations, including the federal government. This information can be included in the government's analysis to help inform the public of possible threats.

Reference Number 75

Source for Additional Information

<http://www.ciao.gov/industry/isac.html>

HIMSS Related Bioterrorism Projects

Project Title AHRQ Report
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 76

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title Syndromic Surveillance for
/Agency / Pilot / Bioterrorism - New York
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 77

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title ED Alert Network
/Agency / Pilot /
Initiative:

Person of Interest/ Project
Owner/Governing Agency/Organization

Short description of preparedness activity/initiative

Reference Number 78

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Emergency Department Surveillance System in California	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Eric Koscove, chief of the emergency department at Kaiser
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Short description of preparedness activity/initiative

Health maintenance organization Kaiser Permanente is rolling out a new Internet-based bioterrorism-monitoring system at two Northern California facilities. Coincidentally, the system is going live as the government makes final plans to wage war with Iraq and raises the nation's terror-alert level again to orange. Kaiser had previously scheduled to turn it on this month, says Dr. Eric Koscove, chief of the emergency department at Kaiser Permanente Santa Clara Medical Center.

The system has been under development for the last 18 months in partnership with the San Mateo County Health Department, which will also be using the system to track reports of unusual patient symptoms documented electronically by Kaiser's emergency physicians. Kaiser's system is based on the Rapid Syndrome Validation Project, developed by Sandia National Laboratories. Sandia provided the software free to Kaiser and San Mateo County, Koscove says.

Emergency-room doctors enter symptoms into the system--no patient names or other identifying information, except patient ZIP codes, are used. County public health officials can view the data to spot unusual outbreaks of symptoms geographically, which could indicate a bioterrorist attack or other public health crisis. Says Koscove, "This system cost us zero, and takes only a minute for doctors to use."

Reference Number 78

Source for Additional Information

<http://www.informationweek.com/story/IWK20030318S0009>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	INDIANAPOLIS NETWORK FOR PRIMARY CARE (INPC)	Person of Interest/ Project Owner/Governing Agency/Organization "Clement J. McDonald, M.D.Marc Overhage MD, PhDRegenstrief Institute &Indiana University School of Medicine"
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Short description of preparedness activity/initiative

"• Up and running for more than 7 years• Start with modest goal (Emergency Care _ • Extend by adding projects one step at a time• Focus on Clinical and public health issues • Includes all 5 major Indianapolis hospital systems (95% of non office care)• Includes all 4 Homeless care system• Includes county and state public health departments• Adds 300,000 ER visits /year• Adds 50 million lab results per year "

Reference Number 79

Source for Additional Information

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	DHHS PDA Pilot	Person of Interest/ Project Owner/Governing Agency/Organization US DHHS
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Short description of preparedness activity/initiative

The Department of Health and Human Services will test a system that uses handhelds to transmit urgent messages to medical personnel in the event of a biological attack.

Reference Number 81

Source for Additional Information

<http://www.informationweek.com/story/IWK20030321S0037>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	2003 National Syndromic Surveillance Conference & Workshop	Person of Interest/ Project Owner/Governing Agency/Organization Hosted by the New York Academy of Medicine, the New York City Department of Health and Mental Hygiene(NYC)
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Short description of preparedness activity/initiative

A workshop for public health practitioners actively working in local or state health departments. This 3 day workshop will demonstrate all aspects of creating a syndromic surveillance system. Conference Overview

The second National Syndromic Surveillance Conference will be held at The New York Academy of Medicine from October 23rd to 24th, 2003. This conference will bring together leading public health practitioners from the federal to local level with the foremost academicians, data providers, and policy-makers, to discuss the rapidly evolving field of Syndromic surveillance. Topics that will be discussed in the 2 day conference are:

- The National and Local context of Syndromic Surveillance
- Evaluation of Syndromic Surveillance Systems, analytics, and data sources
- Temporal methodologies and data sources
- Temporal – spatial methodologies and data sources
- Data transfer and transformation
- Data sources and data acquisition
- Public health response to signals

Reference Number 82

Source for Additional Information

<http://www.nyam.org/events/syndromicconference/index.shtml>

HIMSS Related Bioterrorism Projects

Project Title / Agency / Pilot / Initiative:	Healthcare Collaborative Network (HCN)	Person of Interest/ Project Owner/Governing Agency/Organization eHealth Initiative
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Short description of preparedness activity/initiative

The Healthcare Collaborative Network (HCN), which was born out of the work of Connecting for Health and the Foundation for eHealth Initiative, is an ambitious demonstration project designed to show electronic communications using common standards can help patients receive necessary and timely medical treatment and guard against medical errors and help public health receive the information it needs to identify and respond to public health threats. Describing the Network, Landro says, "...“Over the next year, a group of participating hospitals, technology companies and government agencies will use Markle's Healthcare Collaborative Network to share de-identified information on patients' clinical procedures, lab results, prescriptions and diagnostic summaries”. Launched in June, HCN involves a growing consortium of more than 20 public and private sector organizations, including nationally recognized health care providers; public health agencies; payers; government agencies including CDC, CMS and FDA; and leading healthcare IT suppliers.

Reference Number 83

Source for Additional Information

www.ehealth.com

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Public Health Information Network (PHIN)	Person of Interest/ Project Owner/Governing Agency/Organization Centers for Disease Control and Prevention
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Short description of preparedness activity/initiative

The Public Health Information Network (PHIN) is this framework. Through defined data and vocabulary standards and strong collaborative relationships, the Public Health Information Network will enable consistent exchange of response, health, and disease tracking data between public health partners. Ensuring the security of this information is also critical as is the ability of the network to work reliably in times of national crisis. PHIN is composed of five key components: detection and monitoring, data analysis, knowledge management, alerting and response:

Reference Number 84

Source for Additional Information

<http://www.cdc.gov/phin/>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	National Health Information Infrastructure	Person of Interest/ Project Owner/Governing Agency/Organization US Department of Health and Human Services
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Short description of preparedness activity/initiative

What is NHII? The National Health Information Infrastructure (NHII) is an initiative set forth to improve the effectiveness, efficiency and overall quality of health and health care in the United States. A comprehensive knowledge-based network of interoperable systems of clinical, public health, and personal health information that would improve decision-making by making health information available when and where it is needed. The set of technologies, standards, applications, systems, values, and laws that support all facets of individual health, health care, and public health. It is voluntary NOT a centralized database of medical records or a government regulation . Why do we need a National Health Information Infrastructure? To improve patient safety (alert for medication errors, drug allergies, etc). To improve healthcare quality (includes having the availability of complete medical records, test results and x-rays at the point of care, integrating health information from multiple sources and providers, incorporating the use of decision support tools with guidelines and research results, etc). For Bioterrorism detection (NHII will enable real-time aggregation of health data to detect patterns). To better inform and empower health care consumers regarding their own personal health information. To better understand health care costs.

Reference Number 85

Source for Additional Information

<http://aspe.os.dhhs.gov/sp/nhii>

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Vanderbilt Univ Medical Center Emergency Department Workflow and Bioterrorism Detection System	Person of Interest/ Project Owner/Governing Agency/Organization Dr. Jon Warkentin, Metro Public Health (Nashville, Tn) Director
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Short description of preparedness activity/initiative

ED computer system could aid bioterror detection
February 24, 2003

A computer system developed by Vanderbilt University Medical Center researchers to improve emergency department workflow may also help detect bioterrorism. Local health officials currently are investigating if the technology could be used for both applications, the Tennessean reports.

The system allows emergency department workers to instantly access patient records, which are displayed on a large, central screen. Health workers can look for similar symptoms among different patients, according to the Tennessean. By linking patient information systems from each of its departments, the system can display patients' laboratory, radiology and other reports on a single screen.

The Metro Public Health Department, which serves Nashville and Davidson County, hopes the system can be used to detect potential disease outbreaks or terrorist attacks, according to Dr. Jon Warkentin, head of the department's Bureau of Communicable Disease Control and Prevention (Lewis, 2/24).

Reference Number 86

Source for Additional Information

<http://ihealthbeat.org/members/basecontent_p.asp?collectionid=548&program=1&contentid=24634&programid=1>

HIMSS Related Bioterrorism Projects

Project Title / Agency / Pilot / Initiative:	Washington, DC City's health department early disease warning system	Person of Interest/ Project Owner/Governing Agency/Organization
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Short description of preparedness activity/initiative

Washington, D.C.: The city's health department is developing a disease early warning system that uses the Internet and wireless technology to coordinate an emergency response in the case of a bioterrorist attack, Knight Ridder reports. Schools, hospitals, pharmacies, and other locations would use a special Internet site to file reports into a secure database run by the health department. The Washington Automated Disease Surveillance System, which is funded and supported by the CDC, would flag any unusual activity and send an automated warning to designated health officials once the number of flagged reports exceeds a pre-determined number. Health department investigators then would go to the scene to gather and report additional information with handheld wireless devices. The first phase of the multiyear initiative will be completed in November, officials say, adding that several other phases are still in development.

Reference Number 87

Source for Additional Information

Ramstack, Knight Ridder /Washington Times, 8/8/2003

HIMSS Related Bioterrorism Projects

Project Title /Agency / Pilot / Initiative:	Silent Farmland - War Game	Person of Interest/ Project Owner/Governing Agency/Organization North Carolina Department of Agriculture & Consumer Services (NCDA&CS); National Defense University (NDU);
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Short description of preparedness activity/initiative

SILENT FARMLAND

What: "War game" type exercise called SILENT FARMLAND

When: Tuesday, August 5, 2003 (see agenda for specifics)

Where: Sheraton Imperial Hotel, RTP

Why: SILENT FARMLAND:

- is a review of national and state initiatives for dealing with agricultural Bioterrorism
- will highlight the protections needed to effectively deploy and utilize the NC National Guard, as well as Department of Defense personnel, during an agricultural bioterrorism event

- will address the ability to protect our food production and supply chains

SILENT FARMLAND is an adaptation of National Defense University's SILENT PRAIRIE crisis simulation exercise that was played by members of Congress in June 2002 and again in February 2003.

Reference Number 88

Source for Additional Information

Foot & Mouth Disease, go to:

<http://www.ncagr.com/vet/DiseaseAlertsFMD.htm>

HIMSS Related Bioterrorism Projects

Project Title	Certificate Program in Community	Person of Interest/ Project
/Agency / Pilot /	Preparedness and Disaster	Owner/Governing Agency/Organization
Initiative:	Management	University of North Carolina at Chapel Hill

Short description of preparedness activity/initiative

The School of Public Health at UNC-Chapel Hill has developed a professional certificate program to provide community leaders in public health, health services, and emergency management with the opportunity to enhance their knowledge of management systems used to prepare for, and to respond to, natural and man-made disasters, including terrorism.

Reference Number 89

Source for Additional Information

<http://www.sph.unc.edu/>
