Public Health in Virginia: IM/IT Training Needs, Programs, and Opportunities

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Virginia Department of Health
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Learning Objectives

- Determine what is currently being provided electronically for public health training in Virginia
- Assess barriers to wider adoption of technology
- Learn how the use of technology is evaluated
### VDH Goals = Training Needs

<table>
<thead>
<tr>
<th>Ensure Clean, Safe Drinking Water</th>
<th>Ensure Safe Food at Restaurants</th>
<th>Ensure Access to Healthcare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevent Exposure to Toxic Substances and Radiation</td>
<td>Prevent and Control Communicable Diseases</td>
<td>Respond to Public Health Emergencies</td>
</tr>
<tr>
<td>Investigate Suspicious Deaths</td>
<td>Promote Systems that Improve Health</td>
<td>Disseminate Public Health Information</td>
</tr>
<tr>
<td>Provide Strong Leadership and Organizational Support to Virginia's Public Health System</td>
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<td></td>
</tr>
</tbody>
</table>
Training Methods Available and Utilized

- On site, face to face training
- PolyCom (videoconferences)
- On-line training and courseware
- Webinars
TRAIN Virginia is the primary source of on-line training for the Virginia Commonwealth Government.

Welcome

WELCOME ABOARD TRAIN VIRGINIA!

The TRAIN-VA learning management system has left the station. The destination is to improve public health workforce competencies and to provide access to Virginia and national public health educational sources.

TRAIN-VA allows you to:

- Search for on-site or distance learning training opportunities
- Register online for training, conferences, meetings, etc.
- Keep a record of the training you have taken

And the best part is that you only have to register ONCE! Let the journey begin....

New Passengers

If you are new to TRAIN-VA take a look around. Near the top of the page, check out the "Resources" and "Course Search" tabs. On your right is "My Learning Record" and "Upcoming Events". On your left are lists of links including "Spotlights". Also, there is an instructional CBT as part of the "Help" tab to facilitate your journey.

A Word About Logins and Passwords

VMP Courses are now listed in TRAIN. You must register for them there in order to receive proper credit.

You can search using the keyword MVP or contact Sarah Hinderliter at sarah.hinderliter@vdh.virginia.gov for more info.
<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Provider</th>
<th>Format</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2 DAY: Modular Emergency Response Radiological Transportation Training (MERRITT) - Train-the-Trainer</td>
<td>CO WIPP Program, US Dept. of Energy/Waste Isolation Pilot Plant, and Idaho Naft Laboratories</td>
<td>On-Site - Classroom course or workshop</td>
<td>no reviews</td>
</tr>
<tr>
<td>2</td>
<td>2055 03 : CMED PHGR's &quot;A Public Health Service Officer's Role in Bioterrorism Prevention, Preparedness and Response&quot;</td>
<td>WVU School of Medicine, Department of Community Medicine</td>
<td>Webcast (on demand)</td>
<td>1 reviews</td>
</tr>
<tr>
<td>3</td>
<td>ATSDR Case Studies in Environmental Medicine: Uranium Toxicity (Web-based) - WB1524</td>
<td>Centers for Disease Control &amp; Prevention (CDC)</td>
<td>Web-based Training - Self-study</td>
<td>no reviews</td>
</tr>
<tr>
<td>4</td>
<td>Emergency Response to Terrorism (Q534)</td>
<td>FEMA/INFA</td>
<td>Web-based Training - Self-study</td>
<td>1 reviews</td>
</tr>
<tr>
<td>5</td>
<td>EMS Operations at Multi-Casualty Incidents (G157)</td>
<td>FEMA/INFA</td>
<td>Web-based Training - Self-study</td>
<td>no reviews</td>
</tr>
<tr>
<td>6</td>
<td>Environmental Health Online: Land</td>
<td>Midwest Center for Lifelong Learning in Public Health, University of Minnesota School of Public Health</td>
<td>Web-based Training - Self-study</td>
<td>no reviews</td>
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<tr>
<td>7</td>
<td>Environmental Strike Teams</td>
<td>South Central Center for Public Health Preparedness</td>
<td>Web-based Training - Self-study</td>
<td>no reviews</td>
</tr>
<tr>
<td>9</td>
<td>IS-330 Refresher Course for Radiological Response</td>
<td>Federal Emergency Management Agency (FEMA) / Emergency Management Institute (EMI)</td>
<td>Text-based (print and electronic based)</td>
<td>no reviews</td>
</tr>
</tbody>
</table>
A large number of courses may be accessed from many different sources, including federal institutions and state and private universities offering on-line training.
VDH's Role in Emergency Response

This course will help health department employees understand the agency’s role and how they can be prepared to work during public health emergencies.
VDH's Role in Emergency Response

Course Navigation

Use the NEXT and BACK arrow buttons to move through the course.

The course will automatically advance from one chapter to the next, however, you can also skip around using the chapter buttons.

You may exit the course and return to where you left off at any time.

The current chapter title is in the upper left corner of each screen and the page number, within the chapter, is in the lower right corner of the screen.

The course is best viewed with your browser's pop-up blocker turned off. (Go to Tools > Internet Options > Privacy and uncheck the Block pop-ups box)
1: Introduction

An emergency can strike anywhere at any time. It can take many forms - a hurricane, a tornado, a flood, an outbreak of influenza, SARS, or West Nile virus, a hazardous spill, or an act of terrorism. It can build over days or weeks, or hit suddenly without warning.

As an employee of the Virginia Department of Health (VDH), one of the most important components of your work is the ability to respond quickly and effectively to any public health-related emergency.
Current Example:
Virginia Immunization Information System
Training for H1N1 Vaccinations

- Web-based immunization registry
- Shared public-private shot data
- Required for H1N1 vaccine receipt
- On-line training
- Option for on-site
Web based training for VIIS

Training modules above are downloaded executable files
Welcome to:
How to Search for and Enter Clients

Click the Forward Arrow above to get
Barriers to Wider IT Training Implementation

- Costs and funding (but trade-offs in savings for travel and lodging to on-site training)
- Bandwidth issues (e.g., audio on PolyCom or limits for streaming video)
- Conflicts in PolyCom scheduling
- Preferences by users for certain types of learning methods over others
# TRAI N User Statistics

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2007</th>
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</thead>
<tbody>
<tr>
<td>Polycom Usage:</td>
<td>21/wk</td>
<td>15/wk</td>
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<tr>
<td>Genesys Total Usage:</td>
<td>6</td>
<td>-</td>
</tr>
<tr>
<td><strong>VA-TRAIN</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Users:</td>
<td>17891</td>
<td>12032</td>
</tr>
<tr>
<td>EMS Users:</td>
<td>5373</td>
<td>2071</td>
</tr>
<tr>
<td>VDH Users:</td>
<td>4097</td>
<td>3728</td>
</tr>
<tr>
<td>Total Volunteer Users:</td>
<td>2419</td>
<td>850</td>
</tr>
<tr>
<td>MRC Users:</td>
<td>588</td>
<td>-</td>
</tr>
<tr>
<td>Active Course Providers:</td>
<td>137</td>
<td>-</td>
</tr>
</tbody>
</table>

*These numbers may include some duplicate accounts.*
Rappahannock-Rapidan Health District
Backup slides

Examples of Public Health Issues and Potential Training Activities
Biosolids and Risk Communication
Complication of old cavitary lung TB (Chest CT)

*Mycobacterium Avium Complex (MAC)*