Welcome to the New Era of Public Health Training: How the Public Health Learning Network is Preparing the Workforce of Today and Tomorrow

Thursday, July 14, 2016
11:00 AM – 12:30 PM Pacific
2:00 PM – 3:30 PM Eastern

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Closed Captioning

To see real-time closed captioning:

1. Click to open Media Viewer
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Q&A Feature

1. Type your question in the Q&A box
2. Select Ask: All Panelists
3. Send
Polling Feature

Please:

1. Choose your answer

2. Click Submit
Poll #1

Are you attending this Web Forum:

a) Individually
b) In a group of 2-5 people
c) In a group of 6-10 people
d) In a group of more than 10 people
Christopher Kinabrew, MPH, MSW
Chief Strategy Officer
National Network of Public Health Institutes

Website: www.nnphi.org
About the Audience: Where You Are
(Based on registration as of 7/8/16)

- West: 53%
- Midwest: 28%
- Northeast: 18%
- U.S. Territory or Outside U.S.: 1%
Welcome to our presenters:

Jennifer McKeever
Nor Hashidah Abd-Hamid
Tanya Uden-Holman
Mikhaila Richards
Welcome to the New Era of Public Health Training

How the Public Health Learning Network is Preparing the Workforce of Today and Tomorrow
Overview and Objectives

Background and Context
Enter the PHLN
Training from Region VII
Engaging with PHLN
Public Health Practice Evolves in the Context of:

- Workforce Composition and Background
- Information technology explosion
- Increasing realization that health is a production of society / social determinants of health and multiple sectors
- Health System Transformation and shift from Clinical Care to Population Health
Jennifer McKeever, MSW, MPH
Director
Public Health Practice and Training
National Network of Public Health Institutes

Website: www.nnphi.org
Together
transforming the way we train public health workers in the United States

40
local education and training sites

10
Regional Public Health Training Centers

1
National Coordinating Center
Meet the Network
Advisory Council

Association of Schools and Programs of Public Health
Association of State and Territorial Health Officials
Centers for Disease Control and Prevention
de Beaumont Foundation
Michigan Public Health Institute
National Association of County and City Health Officials
National Collaborative for Health Equity
National Environmental Health Association
National Indian Health Board
Public Health Accreditation Board
Public Health Foundation
W.K. Kellog Foundation
Local Experts
PHLN Training Centers and Local Education Sites build relationships and knowledge about local context

Network Resources
PHLN members share resources and best practices to build knowledge and capacity

National Reach
NCCPHT at NNPHI collaborates with national partners to collaborative practice and shared agendas.
An Example: Zika
Local Conversations
Network Sharing
<table>
<thead>
<tr>
<th>Center</th>
<th>City</th>
<th>Activity</th>
</tr>
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<tbody>
<tr>
<td>Region 2 Public Health Training Center</td>
<td>New York</td>
<td>The Zika virus poses a direct public health threat in Puerto Rico, served by the Region 2 Public Health Training Center and its local partner, the University of Puerto Rico. Focusing on health promotion and disease prevention, UPR reached nearly 200 participants with a Spanish Language webinar, Dengue, Chikungunya y Zika: Amenazas para la Salud Publica on Friday February 19, 2016. The webinar was led by Dr. Enid J Garcia Rivera, Director of Office of Clinical and Community Health Research and Assistant Professor of Medicine at UPR.</td>
</tr>
<tr>
<td>Local Performance Site: University of Puerto Rico</td>
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<tr>
<td>Mid-Atlantic Regional Public Health Training Center</td>
<td>Pittsburgh</td>
<td>Mid-Atlantic Regional Public Health Training Center is developing a webinar on the legal considerations around Zika virus management, which will be shared by faculty member, Dr. Elizabeth Van Nostrand, Associate Director for Law and Policy, Center for Public Health Practice.</td>
</tr>
<tr>
<td>Region IV Public Health Training Center</td>
<td>Atlanta</td>
<td>Invited Dr. Cherie Drenzek, Epidemiologist at the Georgia Department of Public Health, share her expertise in the webinar, “The Zika Virus: What It Is and How to Protect Against It”. The webinar was held on Thursday,</td>
</tr>
</tbody>
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National Reach
PUBLIC HEALTH LEARNING NETWORK
Educating Professionals, Elevating Practice.

Our Latest Work:
Supporting the U.S. Response to Zika virus.
On the Case: Responding to an Urgent Need for Zika Training

By: Multiple Authors

For a few minutes, travel back in time to January 2016. The mosquito-borne Zika virus spread across South America, Central America, and the Caribbean. Brazil reported cases of infant microcephaly and other alarming pregnancy outcomes for women who had been infected. On the 15th, the Centers for Disease Control and Prevention (CDC) issued a travel [...] 

Training Highlights: The Zika Challenge, Evidence-Based Public Health, and Substance Use Management

By: National Network of Public Health Institutes

This week’s installment of our PHLN Training Highlights series includes a recording of a successful, informative webinar about Zika virus management as well as an online training series exploring the concept of evidence-based public health, and an upcoming webinar about consultation services for substance use management. Protecting the Public from Mosquito-borne Illnesses: The [...]

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<td>Applications of Telemedicine in Diagnostic Parasitology</td>
<td>CDC - Laboratory Training Team</td>
<td>Webstream/Webcast</td>
</tr>
<tr>
<td>ArcGIS Exercise: Dengue Fever &amp; West Nile Virus Monitoring &amp; Mitigation</td>
<td>Pacific EMPRINTS</td>
<td>Web-based - Self-study</td>
</tr>
<tr>
<td>ArcGIS Exercise: Dengue Outbreak Analysis Using Spatial Statistics</td>
<td>Pacific EMPRINTS</td>
<td>Webstream/Webcast</td>
</tr>
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</table>
1. Designate a geographic area to be served
2. Establish or strengthen field placements for students
3. Facilitate faculty and student collaborative projects
4. Assess health personnel needs of the area to be served and develop trainings to meet such needs
Poll #2

How many surveys have you been asked to take about your needs for training/resources in the last year or so?

a) 0
b) 1-2
c) 3-5
d) I can’t keep count; I’m constantly receiving surveys
Poll #3

When I have a need for training, I know where to look for *high-quality* training that *meets my needs*.

a) Yes
b) No
c) Who has the time?
Assessment of Training Needs
Charting Our Future

Equity
Health systems
Redefining Learning
Our Network by the Numbers

1 National Coordinating Center
10 Regional Public Health Training Centers
40 Local education & training sites

More than 100 staff members, including over 10 Instructional Designers, connect to thousands of subject matter experts to offer high-quality training for the nation’s public health workforce.

A broad spectrum of professionals access and adapt our training courses for their needs. In addition to public health, PHLN learners work in the fields of:

- COMMUNITY HEALTH
- MEDICINE
- NURSING
- DENTISTRY
- BEHAVIORAL HEALTH
- HEALTH EDUCATION
- EMERGENCY PREPAREDNESS & MANAGEMENT
- and more!

87,500
23,000
8,200
11,000

We develop hundreds of new trainings each year. Last year, we trained 87,500 professionals.

More than 23,000 professionals working in medically underserved areas

More than 8,200 professionals working in rural areas

More than 11,000 professionals working in primary care settings

We offered nearly 1,400 Continuing Education courses and supported students in providing nearly 12,200 contact hours in medically underserved areas through practicum field placements.
Tanya Uden-Holman, PhD
Associate Dean for Academic Affairs and Clinical Professor
Department of Health Management and Policy
University of Iowa College of Public Health

Nor Hashidah Abd-Hamid, PhD
Lead Instructional Designer
Institute for Public Health Practice (IPHP)
University of Iowa College of Public Health and the Midwestern Public Health Training Center (HRSA Region VII MPHTC)

Websites
www.public-health.uiowa.edu  www.mphtc.org
HRSA Region VII Midwestern Public Health Training Center

Local Performance Sites

WSU
Wichita State University

University of Nebraska Medical Center

Saint Louis University
College for Public Health and Social Justice

The University of Iowa
College of Public Health
THE ART OF
Engaging ADULT Learners in eLearning for Public Health Professionals

Nor Hashidah Abd Hamid, PhD

Midwestern Public Health Training Center
Social Media

@midwesternPHTC

@norazidaazhari
At the end of this presentation, you will be able to:

- **Discuss** the use of adult learning theory in eLearning courses for public health professionals

- **Identify** innovative interactive strategies that engage learners, stimulate motivation, and increase learning retention

- **Discuss** evaluation results of the eLearning courses
Adult Learning Theory

- Active role
- Real life applications
- Benefits
Innovative Strategies

Visual Design Solutions

Scenario Based Applications

Multimedia/Videos
People following directions with text and illustrations do **323% better** than people following directions without illustrations

Visual Design Solutions

Why?

- Acquiring Skills
- Impact Emotions
- Increase Engagement
- Increase Retention

Color visuals increase willingness to read by 80%
Visual Design Solutions

- Depict concrete objects
- Tell a story or scenario
- Persuade an audience
- Explain unfamiliar concepts
- Demonstrate a procedure
- Explain a process
- Point out something specific
- Make comparison
VDS - Example

A

B
VDS - Example

A

B
Scenario – Why?

Retention Rate vs. Strategies

Strategies

- Scenario
- AudioVisual
- Reading
- Lecture

Percentage

- Retention Rate
Scenario - Example

Home Care: An elderly woman living alone, ten days after bypass surgery

Click on each tab to learn more about this patient

Demographics | History | Active Problems | Diagnostics | Current Medications | Provider Notes

You are seeing the patient for: A post-operative check-up in her home, where she lives alone.

“Is my chest pain better today? No, it feels worse, and I need you to tell me why. At the hospital, I got so many bottles of pills, I’m sorry, but I’m still kind of confused about what to take. As far as pain medicine goes, I’ve been taking one pill every six hours like the pharmacist said, but they don’t give me any relief. Here’s the bottle. Play-vicks (reading label aloud) - Is that how you say it?”

What should you do?

- Call the provider
- Get more information
- Do not call the provider
Scenario - Example

Patient Scenario Communication

Home Care: An elderly woman living alone, ten days after bypass surgery

Click on each tab to learn more about this patient

Demographics  History  Active Problems  Diagnostics  Current Medications  Provider Notes

You are seeing the patient for: A post-operative check-up in her home, where she lives alone.

"Is my chest pain better today? No, it feels worse, and I need you to tell me why. At the hospital, I got so many bottles of pills, I'm sorry, but I'm still kind of confused about what to take. As far as pain medicine goes, I've been taking one pill every six hours like the pharmacist said, but they don't give me any relief. Here's the bottle. Play-vicks (reading lab).

Correct!

With the information gathered from the assessment and patient's report, you should call the provider, because the Plavix dosage she has taken may cause side effects.

What should you do?

- Call the provider
- Get more information
- Do not call the provider

Continue
Video Interactivity

The information Susan provided in this handoff is:

A. well-organized
B. adequate
C. incomplete
Video Interactivity

The information Susan provided in this handoff is:

A. well-organized
B. adequate
C. incomplete

Incorrect! The correct answer is “incomplete”. Susan definitely provided some good information, but it is not detailed enough for Wanda to adequately care for Joan.

Continue video
Interactive/Learner-Centered

Practice Exercise 1
Directions: Click on the seven elements that you have to consider to make sure the physical environment is comfortable for the residents during bathing. Once you’ve found all seven elements, please proceed by clicking the "Next" button below.

You’ve found 3

Correct! Keep bathing room at warm temperature.
Journal

- Active thinking
- Reflective – deeper learning
- Boost critical thinking
Innovative Interactive Strategies

- Visual design solutions
- Scenario based activities
- Multimedia/Interactive videos
- Educational games
- Journal
- Drag & Drop
- Interactive Exercise
- Review Questions
- Feedback
Satisfaction Evaluation – Kirkpatrick Level 1

- Interactive
- Review questions
- Drag & Drop
- Applicable to job
- Real-life situations
- Interactive scenarios
- Visuals
- Case-studies
- Games
- Videos
Additional Workforce Development Activities

TANYA UDEN-HOLMAN, PhD
DIRECTOR, MPHTC
Iowa Public Health Gaining Ground Coalition

12 Domains to PHABulous

Welcome to the Gaining Ground Video Series. Developed by the Iowa Public Health Gaining Ground Coalition, these videos provide a resource for those pursuing PHAB accreditation.

1. Assess
3. Available Summer 2016
4. Community Engagement
5. Policies & Plans
6. Public Health Laws
7. Access to Care
8. Workforce
10. Evidence-Based Practices
11. Administration & Management
12. Governance

Iowa Counties Public Health Association
Iowa Department of Public Health
Iowa Environmental Health Association
Iowa Public Health Association
Midwestern Public Health Training Center
Public Health Advisory Council
Issue

Obesity
Target Population

Youth
Ages 5-10

Collaboration

Local School District
Evidence-Based Practice

Active Recess
Evidence-Based Practice

Active Recess

Committee Meeting Minutes
Public Education Materials
Internal Memos
Health Department Workforce Survey 2015

INTRODUCTION  The purpose of this assessment is to help you reflect on your knowledge and experience in several different areas of public health practice. The assessment results will help identify areas of public health practice which you may want to further develop. It is estimated to take 20-25 minutes to complete this assessment.

Q1 How long have you worked in community/public health or a related field?
   - Less than 1 year (1)
   - 1-3 years (2)
   - 4-6 years (3)
   - 7-10 years (4)
   - More than 10 years (5)

Q2 How long have you worked at your current organization?
   - Less than 1 year (1)
   - 1-3 years (2)
   - 4-6 years (3)
   - 7-10 years (4)
   - More than 10 years (5)

Q3 What is your current employment status?
   - Full-time (40 or more hours per week) (1)
   - Part-time (less than 40 hours per week) (2)
   - Consultant / Contractor (3)
   - Other (Please Specify) (4)______________

Q4  What is your organizational role?
   - Executive leader (senior management, chief administrators) (1)
   - Office director/ program manager (2)
   - Supervisor (3)
   - Non-supervisory staff (4)

Q5 What are your estimated years to retirement?
   - Less than 1 year (1)
   - 1-2 (2)
   - 3-4 (3)
   - 5+ years (4)
Content Area: Diabetes

Confronting Diabetes: Prevention and Management Webinar Series
Oral Health App

Denture brushes have taller bristles, which allow you to reach the inner areas of the dentures where regular toothbrushes are not able to reach.
In Summary

HRSA Region VII

Over 80 Training Programs

Over 10,450 Trained
Mikhaila Richards, MS
Communications Strategist
National Network of Public Health Institutes

Website
www.nnphi.org
Communications Efforts

- Speaking in a unified voice at a national level
- Assessing capacity
- Increasing coordination
- Increasing awareness of training centers and offerings
- Increasing training registrations
Editorial

Finding the right public health training can be overwhelming—akin to finding the right table in an online search of Craigslist ads. We’ve created the Public Health...
Digital Strategy

RSS Widget
Digital Strategy

Social Media

LinkedIn:
- Profile—Communications at NNPHI
- Company—National Network of Public Health Institutes

Twitter: @NNPHI_ORG

How can public health training centers help to advance #healthequity? buff.ly/1UkkEGX #NA16 #PHLNetwork

Recent Updates

National Network of Public Health Institutes The inaugural issue of the Public Health Learning Network's new quarterly publication, Elevate, features stories about Zika virus, climate change, violence and injury prevention, and more. Learn how regional public health training centers are supporting your workforce development. http://eepurl.com/b7TOYn

NACCHO ANNUAL 2016
How can LHDs partner with RPHTCs to advance health equity?
Find us in Phoenix.
7/21 | 2:45 PM MST | Camelback A

ELEVATE
Your resource for lifelong learning.
Call to Action

Everyone!
- Visit our [website](#) and social media accounts to find out more about how the PHLN elevates the public health field
- [Sign up](#) for news and information about excellence in public health training

Local Performance Sites!
- Access key network documents through our Weekly Digest mailing

Partners and Supporters!
- Meet us at NACCHO Annual and APHA Annual (check out our website for details)
- Schedule some time to talk with us about how we can work together
Interested in Performance Improvement?

Join the Public Health Performance Improvement Network (phPIN)!

• Sign up for the phPIN Listserv
  Send an email to phPIN@nnphi.org with the following information:
  • Your Name
  • Your Organization
  • Job Title
  • Performance Improvement area of interest
  • What you want to know more about or share with others
Q&A Feature

1. Type your question in the Q&A box
2. Select **Ask: All Panelists**
3. Send
To learn more, visit nnphi.org/phln or contact us at training@nnphi.org
Thank you to our moderator and presenters:

Christopher Kinabrew

Nor Hashidah Abd-Hamid

Jennifer McKeever

Mikhaila Richards

Tanya Uden-Holman
Thank you to our sponsors:
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Thank you for joining our Web Forum!

The **Recording** and **Slides** will be available at [www.Dialogue4Health.org](http://www.Dialogue4Health.org)