

# **Introduction to Communicable Disease Surveillance and Investigation in North Carolina**

## **About the Course**

Prior to the start of the course, participants complete an on-line pre-course assessment. The pre-course assessment is used to evaluate current knowledge of key public health information which all communicable disease nurses need to know. A link to the pre-course assessment can be found on the online CD Manual.

Following completion of the pre-course assessment, the participant begins Modules 1-3. After the completion of Modules 1-3 the participant will notify the course coordinator, Phyllis Rocco at [phyllis.rocco@dhhs.nc.gov](mailto:phyllis.rocco@dhhs.nc.gov). Each participant will receive a link to the on-line post course assessment. Participants are required to achieve a passing score of 80% to obtain credit for this component of the course. If the participant is unable to achieve the passing score on the first attempt, a second testing opportunity will be offered in 30 days after consulting with the Regional Nurse Consultant for your county. Should the second attempt to pass the test be unsuccessful, the Regional Nurse Consultant, your direct supervisor and the Technical Assistance and Training Program Supervisor will explore other options to substantiating the learning process. Contact hours will only be awarded only after the completion of the course work, tests and course evaluation.

### **Continuing Education Disclosures**

Participants must complete Modules 1-3 in order to earn contact hour credit. Verification of participation will be noted by signature on the roster or being "checked off" on a computer print out of participants and by electronic verification of completion of the pre-test, each quiz for each unit, and the post-test. No influential financial relationships have been disclosed by planners or presenters which would influence the planning of this activity. If any arise, an announcement will be made at the beginning of the session. No commercial support has influenced the planning of the educational objectives and content of this event. Any commercial support will be used for events that are not CE related. There is no endorsement of any product by NCNA or ANCC associated with this session. No session relates to products governed by the Food and Drug Administration. If it did, appropriate and off-label use will be shared.

Continuing education credit will be provided through the Public Health Nursing and Professional Development (PHNPD) Unit in the Department of Health and Human Services. PHNPD is an approved provider of continuing nursing education by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Public Health Nursing and Professional Development qualifies as an acceptable provider of continuing education as defined by the Board of Nursing for the Continuing Competence process.

### **Modules 1-3**

- A series of lectures using DVDs, assigned readings, on-line questions, and activities
- Each health department maintains a set of DVDs
- Lectures and website may be accessed at any time
- Regional Communicable Disease Nurse Consultants are available for assistance

### **Module 4**

- Attendance/participation in training sponsored by CD Technical Assistance and Training Program (TATP) during the course of the year
- Local and regionally-based trainings designed to minimize time away from work and travel costs

## **Module 5**

- Attendance/participation in the annual Communicable Disease Conference
- Conference attendance is required to complete the course

### **Participants receive credit for training:**

- 38 contact hours for Modules 1-3 (required)
- 3-6 contact hours for regional meeting and trainings on policies(required-TBA)
- 4 contact hours for regional training on outbreak investigations (required-TBA)
- 6-9 contact hours for CD Conference participation (required)

## **Course Topics**

### **Module 1 - Foundation of Public Health Response to Communicable Disease Surveillance and Investigation**

- Global Public Health Issues
- NC Communicable Disease Law
- Reportable Disease Surveillance
- Practice of Communicable Disease Surveillance in North Carolina
- Outbreak Investigations

### **Module 2 - Reportable Diseases/Conditions in North Carolina**

- Tickborne and Arboviral Diseases
- Surveillance for Selected Zoonotic Diseases
- Rabies: Public Health Surveillance and Disease Investigation
- Hepatitis A
- Hepatitis B
- Hepatitis C
- Foodborne and Diarrheal Disease Surveillance and Response in North Carolina
- Shigellosis Outbreak Response in Child Care
- Cryptosporidiosis
- Legionellosis
- Big Bad Bacteria: Invasive Bacterial Diseases and VISA/VRSA
- Methicillin-Resistant Staphylococcus aureus (MRSA)
- Healthcare-Associated Infections (HAI)

### **Module 3 - Best Practices for Sexually Transmitted Diseases**

- Best Public Health Practice: Sexually Transmitted Diseases
- Syphilis
- Overview of HIV Testing

### **Module 4 – Examples of Local and Regional Training Available to CD Course Participants upon request-check with the TATP Nurse Consultant for your region**

- CD Policies and Procedures
- Steps of Outbreak Investigation
- Hepatitis B Surveillance
- Tickborne Disease Investigations
- STD Clinical services: Site Assessment
- Infection Prevention in Healthcare Settings

**Module 5 – CD Conferences**

- 2013 Annual Communicable Disease Conference  
Location and dates to be announced.

Contact the course coordinator or Regional Communicable Disease Nurse Consultant for more information:

2012-2013 Course Coordinator Phyllis Rocco

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Charlotte Region

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Raleigh Region

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Winston-Salem Region

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TATP Supervisor

Kathy Dail

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# Introduction to Communicable Disease Surveillance and Investigation in North Carolina

|   |   |                                       |
|---|---|---------------------------------------|
| <b>Course Pre-Test<br/>(1 contact hour)</b> |   |                                       |
| <b>Module<br/>1</b>                         | <b>Foundation of Public Health Response to<br/>Communicable Disease Surveillance &amp; Investigation<br/>(4.75 contact hours)</b> |                                       |
| 1.1   | Welcome   | Evelyn Foust, MPH                     |
| 1.2   | Global Public Health Issues   | Megan Davies, M.D.                    |
| 1.3   | NC Communicable Disease Law   | Chris Hoke, J.D.                      |
| 1.4   | Reportable Disease Surveillance<br>Practice of Communicable Disease   | Aaron Fleischauer, Ph.D.              |
| 1.5   | Surveillance in North Carolina  | Jean-Marie Maillard, M.D.             |
| 1.6   | Outbreak Investigations: The 10 Step<br>Approach  | Zack Moore, M.D.                      |
|   |   |                                       |
| <b>Module<br/>2</b>                         | <b>Reportable Diseases/Conditions in North Carolina<br/>(26.25 contact hours)</b>   |                                       |
| 2.1   | Tickborne and Arboviral Diseases  | Jodi Reber, R.N.                      |
| 2.2   | Surveillance for Selected Zoonotic<br>Diseases  | Carl Williams, D.V.M.                 |
| 2.3   | Rabies: Public Health Surveillance and<br>Disease Investigation   | Marilyn Haskell, D.V.M.               |
| 2.4   | Hepatitis A   | Zack Moore, M.D.                      |
| 2.5   | Hepatitis B   | Elizabeth Draper, R.N.                |
| 2.6   | Hepatitis C   | Susan Thompson, R.N.                  |
| 2.7   | Foodborne and Diarrheal Disease<br>Surveillance and Response in NC  | David Sweat, MPH                      |
| 2.8   | Shigellosis and Outbreak Response in<br>Child Care  | Lorri Taylor, R.N.                    |
| 2.9   | Cryptosporidiosis   | Charles Gregory Smith, M.D.           |
| 2.10  | Legionellosis   | Charles Gregory Smith, M.D.           |
| 2.11  | Invasive Bacterial Diseases & VISA/VRSA   | Zack Moore, M.D.                      |
| 2.12  | Methicillin-Resistant Staphylococcus<br>Aureus (MRSA)   | Zack Moore, M.D.                      |
| 2.13  | Healthcare-Associated Infections (HAI)  | Connie Jones, R.N.<br>Levi Njord, MPH |
|   |   |                                       |
| <b>Module<br/>3</b>                         | <b>Best Practices for<br/>Sexually Transmitted Diseases<br/>(5 contact hours)</b>   |                                       |
| 3.1   | Sexually Transmitted Diseases   | Diane Matthewson, R.N.                |
| 3.2   | Syphilis  | Peter Leone, M.D.                     |

3.3 HIV Testing Overview

Peter Leone, M.D.

**Course Post-Test  
(1 contact hour)**

**Module 4 Policy Development Training and Outbreak Response Training  
(contact hours-To be announced)**

**Module 5 Annual Communicable Disease Conference  
(contact hours- To be announced)**