

Epidemiology Training Opportunities & Tools

UAlbany Center for Public Health Preparedness E-Learning Center –
<http://www.ualbanycphp.org/learning/default.cfm>

There are two online epidemiology courses:

- Field Epidemiology
 - This course provides an overview of field epidemiology and the steps of an outbreak investigation. The course describes the context of field epidemiology and its relationship to epidemiology in general, and reviews some basic techniques typically used in data analysis in the field.

- Detecting Bioterror (Forensic Epidemiology)
 - Detecting Bioterror provides an overview of forensic epidemiology and the activities of law enforcement officers, laboratory professionals, and public health personnel in joint investigations of bioterrorist events. The course provides not only instructional content on a wide variety of bioterrorism-related concepts, it also dramatizes a bioterrorism investigation in a “mystery movie,” provides case studies, links, and other instructional tools.

UNC School of Public Health – Focus on Field Epidemiology Newsletter –
<http://nccphp.sph.unc.edu/focus/issuelist.htm>

All issues are available to download in PDF.

Criminal & Epidemiological Investigation Handbook -
<http://www2a.cdc.gov/phlp/docs/CrimEpiHandbook2006.pdf>

This handbook was developed to maximize resources and facilitate communication and interaction among law enforcement and public health officials. It was developed through a joint effort between the FBI, CDC, US Department of Justice and the US Army Soldier Biological Chemical Command.

Environmental Health Manuals – Community Sanitation and Food Protection (CSFP)
<https://commerce.health.state.ny.us/hin/hinapps/envhlt/manual/procedures.htm>

CSFP manuals 803 and 804 include information on the surveillance, investigating, reporting, and specimen submittal related to foodborne disease outbreak investigations. These manuals can be accessed through the Health Information Network (a HIN account is required).

Epi Info - <http://www.cdc.gov/epiinfo/>

A tool for epidemiologists and other public health and medical professionals, Epi Info can rapidly develop a questionnaire or form, customize the data entry process, and enter and analyze data. Epidemiologic statistics, tables, graphs and maps can be produced as well.

Epi –X - <http://www.cdc.gov/mmwr/epix/epix.html#7>

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The Epidemic Information Exchange (*Epi-X*) is the CDC's secure, web-based communications network that serves as a powerful communications exchange between CDC, state and local health departments, poison control centers, and other public health professionals. The system provides rapid reporting, immediate notification, editorial support, and coordination of health investigations for public health professionals.

Epidemiology On-line - <http://www2.sph.unc.edu/courses/eric/index.html>

An on-line source for epidemiologic-related educational materials including a bi-monthly epidemiology newsletter and short courses on the Internet for Continuing Education certificate credit.

Laboratory Reporting of Communicable Diseases (2004) - <http://www.wadsworth.org/labcert/regaffairs/clinical/commddiseaseguide.pdf>

Prepared by the NYS Department of Health, this guidance was developed to assist clinical laboratories and blood banks in meeting their obligations to report communicable diseases. It includes frequently asked questions and agents to be reported.

North Carolina Center for Public Health Preparedness (NCCPHP) – Focus on Field Epidemiology - <http://www2.sph.unc.edu/nccphp/focus/>

FOCUS on Field Epidemiology (FOCUS) is a periodical with a hands-on, practical approach to various topics in field epidemiology. It can be used for computer-based self-study, as a face-to-face teaching tool for seminars or in-service trainings. *FOCUS* is available as a downloadable PDF file or by subscribing to the email mailing list.

NCCPHP – Preparedness Center Training Site - http://www2.sph.unc.edu/nccphp/training/all_trainings/at_epidmeth.htm

This site provides a variety of epidemiology trainings including ones developed by the NCCPHP as well as others.

Principles of Epidemiology in Public Health Practice (CDC Self-Study Course) - <http://www.cdc.gov/training/products/ss1000/ss1000-ol.pdf>

This course covers basic epidemiology principles, concepts, and procedures useful in the surveillance and investigation of health related events. It is designed for federal, state, and local government health professionals and private sector health professionals who are responsible for disease surveillance and investigation. Continuing education credit is available.