WEB-BASED RESOURCES TO EXPLORE

Epidemiologic Case Studies, www.phppo.cdc.gov/phtn/casestudies
These case studies are interactive exercises developed to teach epidemiologic principles and practices. They are based on real-life outbreaks and public health problems and were developed in collaboration with the original investigators and experts from the Centers for Disease Control and Prevention. The case studies require students to apply their epidemiologic knowledge and skills to problems confronted by public health practitioners at the local, state, and national level every day. Two types of epidemiologic case studies are available. The computer-based case studies can be used as a self-study and in the classroom setting. The classroom case studies are primarily for use in a group setting with a knowledgeable instructor. Instructor Guides are available on-line.

Principles of Epidemiology, www.phppo.cdc.gov/PHTN/catalog/305g.asp
This is a print-based self study course available to download as PDF’s or as a textbook you can order from the Public Health Foundation. This text serves as an excellent reference tool for the application of epidemiology and biostatistics.

This learning exercise is an opportunity for public health personnel and their local emergency counterparts to gain skills and knowledge in preparing for and responding to a large-scale communicable disease outbreak or bioterrorism event.

Epi Info™ – Centers for Disease Control and Prevention, www.cdc.gov/epiinfo/
With Epi Info™ and a personal computer, epidemiologists and other public health and medical professionals can rapidly develop a questionnaire or form, customize the data entry process, and enter and analyze data. Epidemiologic statistics, tables, graphs, and maps are produced with simple commands such as READ, FREQ, LIST, TABLES, GRAPH, and MAP. Epi Map displays geographic maps with data from Epi Info™.

NEHA Training, www.nehatraining.com is the Regulator’s Choice™ for food safety education and training. Their materials and publications provide some of the best defenses for taking a proactive approach to preventing outbreaks before they occur. Their books contain all essential microbiological and technical food safety principles in ways that are easy to read, understand, and retain. In addition, NEHA Training registers qualified food safety trainers and provides them with the support and resources they need to deliver effective training. For more information about their books or training resources visit www.nehatraining.com or call 303-756-9090 x340.

Investigating an Outbreak: Pharyngitis in Louisiana, www.phppo.cdc.gov/PHTN/catalog/303g.asp
Fun interactive simulation where you conduct the outbreak investigation to determine the source and control measures to undertake. This product is DOS-based…an antique that is compatible with Windows!

The Centers for Disease Control and Prevention recommend this computer-based case study, “E. coli O157:H7 Infection in Michigan”. Based on a real-life outbreak investigation by Dr. Thomas Breuer and colleagues in 1997, this self-instructional, interactive exercise teaches epidemiologic skills in outbreak investigation and allows students to apply and practice those skills.
UNC's John Snow Case Study, [www.sph.unc.edu/courses/john_snow/](http://www.sph.unc.edu/courses/john_snow/)
This is a short engaging case study that walks you through the classic John Snow investigation. It sets the foundation for epidemiology and public health.

Outbreak Investigation Toolkit, [www.cdc.gov/foodborneoutbreaks](http://www.cdc.gov/foodborneoutbreaks)
This site has been established to provide public health officials, researchers, and the general public with information on foodborne disease outbreaks. The toolkit includes:

- Standard Questionnaire
- Specimen Collection Guide
- Confirmation Criteria for Foodborne Outbreak Etiologies
- Atlas of Food Consumption
- PHLIS (Public Health Laboratory Information System)
- and more!

This site is intended as a resource for Local Health Department personnel to gain easy access to CDC's public health practice materials and information.

Johns Hopkins Bloomberg School of Public Health, [http://ocw.jhsph.edu](http://ocw.jhsph.edu)
The Johns Hopkins Bloomberg School of Public Health's OPEN COURSEWARE (OCW) project provides access to content of the School's most popular courses. As challenges to the world's health escalate daily, the School feels a moral imperative to provide equal and open access to information and knowledge about the obstacles to the public's health and their potential solutions.

CDC Form 52.13/NORS/National outbreak Reporting System