

WEB-BASED RESOURCES TO EXPLORE

Epidemiologic Case Studies, <http://www2a.cdc.gov/epicasestudies/>

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.

Distance Learning on Outbreak Investigation, <http://www2a.cdc.gov/epicasestudies/>

The Centers for Disease Control and Prevention (CDC) announces the release of a computer-based case study, “*Salmonella in the Caribbean*.” Based on a real-life outbreak investigation, this self-Instructional, interactive exercise teaches public health practitioners skills in outbreak investigation and allows them to apply and practice those skills. “*Salmonella in the Caribbean*” is the fourth and final case study in the Foodborne Disease Outbreak Investigation Case Study Series. The other case studies are “*Botulism in Argentina*” (released 2002), “*E. coli O157:H7 Infection in Michigan*” (released 2004), and “*Gastroenteritis at a University in Texas*” (released 2005). The four case studies comprise a curriculum, and together, cover a wide range of outbreak investigation topics. The last case study, “*Salmonella in the Caribbean*,” also focuses on the role of surveillance in identifying and characterizing public health problems, developing hypotheses about the problems, and monitoring the effectiveness of control measures. The Foodborne Disease Outbreak Investigation series was created for students with knowledge of basic epidemiologic and public health concepts. Each case study was developed in collaboration with the original investigators and experts from CDC, the Council of State and Territorial Epidemiologists, the U.S. Department of Agriculture, and the U.S. Food and Drug Administration. All four case studies can be downloaded at no cost from CDC’s Epidemiologic Case Studies website at <http://www2a.cdc.gov/epicasestudies/>. They also can be purchased from the Public Health Foundation at 1-877-252-1200 or <http://bookstore.phf.org>. Additionally, students can receive continuing education credits (e.g., CEUs, CMEs, CNEs, CHES, AAVSB-RACE) for completing selected case studies.

Investigating an Outbreak: Pharyngitis in Louisiana, <http://www2a.cdc.gov/epicasestudies>

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!

Principles of Epidemiology, <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5542a5.htm>

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.

Bioterrorist Attack on Food: A Tabletop Exercise,

<http://www.nwcphp.org/training/courses-exercises>

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.org

NEHA's Food Safety Training program is the Regulator's Choice™ for food safety education and training. The materials and publications provide some of the best defenses for taking a proactive approach to preventing outbreaks before they occur, and they contain all essential microbiological and technical food safety principles in ways that are easy to read, understand, and retain. In addition, NEHA registers qualified food safety trainers and provides them with the support and resources they need to deliver effective training. For more information about the materials or training resources visit www.nehatraining.org or call 303-756-9090 ext. 340.

UNC's John Snow Case Study, http://courses.sph.unc.edu/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, <http://www.cdc.gov/foodborneoutbreaks/toolkit.htm>

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!

Johns Hopkins Bloomberg School of Public Health, <http://ocw.jhsph.edu>

The Johns Hopkins Bloomberg School of Public Health's OPENCOURSEWARE (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/EFORS/Spoon and Fork,

http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5510a2.htm?s_cid=ss5510a2_e