

## 2019 DISEASE DETECTIVES (B/C) – INTERNET RESOURCES

### ONLINE TESTBOOKS

Principles of Epidemiology 3<sup>rd</sup> Edition (CDC Online textbook-used for CDC training)

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/>

World Health Organization online textbook

[http://whqlibdoc.who.int/publications/2006/9241547073\\_eng.pdf](http://whqlibdoc.who.int/publications/2006/9241547073_eng.pdf)

### PART 1- BACKGROUND, DISEASE COURSE, SURVEILLANCE

Clinical Medicine vs. Public Health

<http://www.epidemiolog.net/evolving/Epidemiology-in-PublicHealth.pdf>

History of Public Health

[http://sphweb.bumc.bu.edu/otlt/MPH-Modules/PH/PublicHealthHistory/PublicHealthHistory\\_print.html](http://sphweb.bumc.bu.edu/otlt/MPH-Modules/PH/PublicHealthHistory/PublicHealthHistory_print.html)

CDC's Introduction to Public Health 101 – courses in public health, epidemiology, health surveillance

<https://www.cdc.gov/publichealth101/index.html>

Principles of Epidemiology in Public Health Practice – Courses based upon Principles of Epidemiology 3<sup>rd</sup> edition

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/index.html>

Natural History and Spectrum of Disease

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/lesson1/section9.html>

Public Health Surveillance-Lesson 5-CDC course based upon Principles of Epidemiology 3<sup>rd</sup> edition

Diseases – Review Questions & Answers

<http://www.biology-questions-and-answers.com/disease.html>

Centers for Disease Control Career Paths to Public Health

<https://www.cdc.gov/careerpaths/k12teacherroadmap/index.html>

Resource Center for Teachers and students

<https://www.cdc.gov/careerpaths/scienceambassador/resources/lesson-plans/index.html>

Young Epidemiology Scholars program

<http://yes-competition.org/yes/teaching-units/title.html>

Glossary

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/glossary.html>

<http://www.ebm.med.ualberta.ca/Glossary.html>

National Center for Environmental Health formed by the CDC

<http://www.cdc.gov/nceh/default.htm>

### PART 2-INVESTIGATION AN OUTBREAK

Investigating an outbreak – CDC course based upon Principles of Epidemiology 3<sup>rd</sup> edition textbook

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/lesson6/index.html>

Montclair State University - middle school epidemiology curriculum

[www.montclair.edu/detectives](http://www.montclair.edu/detectives)

Case Studies for Disease Detectives:

CDC's Morbidity and Mortality Weekly Report (MMWR) is a good place to start

<https://www.cdc.gov/mmwr/publications/index.html#>

NCEH investigations

<https://www.cdc.gov/nceh/ehs/activities/env-investigations.html> .

Disease Detectives Event

<https://www.cdc.gov/careerpaths/diseasedetectives/index.html>

Epiville (Outbreak Simulation Columbia University)

<http://ccnmtl.columbia.edu/projects/epiville/>

### **PART 3 – INTERPRETATION, CONTROL, PREVENTION**

Displaying Public Health Data–Lesson 4–CDC course based upon Principles of Epidemiology 3<sup>rd</sup> edition

<https://www.cdc.gov/ophss/csels/dsepd/ss1978/lesson4/index.html>

Tables, Charts & Graphs – WHO

<http://www2.wpro.who.int/internet/files/eha/dir/Disaster%20Preparedness%20and%20Response/Tables,%20Charts%20and%20Graphs.pdf>

Measuring Risk in Epidemiology

[http://www.nwcphp.org/docs/risk/risk\\_transcript.pdf](http://www.nwcphp.org/docs/risk/risk_transcript.pdf)

[http://learn.chm.msu.edu/epi/Coursepack/EPI546\\_Lecture\\_3\\_course\\_notes.pdf](http://learn.chm.msu.edu/epi/Coursepack/EPI546_Lecture_3_course_notes.pdf)

Statistics for Epidemiology

<http://udel.edu/~mcdonald/HandbookBioStat.pdf>

<http://changingminds.org/explanations/research/analysis/analysis.htm>

Disease Control and Prevention

[https://health.mo.gov/living/families/schoolhealth/pdf/Communicable\\_Disease.pdf](https://health.mo.gov/living/families/schoolhealth/pdf/Communicable_Disease.pdf)

[http://www.ump.edu.pl/files/8\\_483\\_epidemiology\\_and\\_prevention.pdf](http://www.ump.edu.pl/files/8_483_epidemiology_and_prevention.pdf)

[www.pitt.edu/~super7/32011-33001/32311.ppt](http://www.pitt.edu/~super7/32011-33001/32311.ppt)

<https://www.paho.org/salud-en-las-americanas-2017/?p=1391>

<https://www.cdc.gov/injury/>