

## 2018 DISEASE DETECTIVES (B/C) – INTERNET RESOURCES

**Note:** The following links were functional as of August 16, 2017

There is a CD for Biology & Earth Science events and for Disease Detectives available via the Science Olympiad National website.

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

### **Food Borne Illness:**

#### **Bad Bug Book – v. 2**

<https://www.fda.gov/downloads/Food/FoodSafety/FoodborneIllness/FoodborneIllnessFoodbornePathogensNaturalToxins/BadBugBook/UCM297627.pdf>

Foodborne Illness – What You Should Know by FDA – Nice Chart of most common organisms

<http://www.fda.gov/downloads/Food/FoodborneIllnessContaminants/UCM187482.pdf>

<http://www.fda.gov/Food/FoodborneIllnessContaminants/FoodborneIllnessesNeedToKnow/default.htm>

### **Diseases – Review Questions & Answers**

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

### **Online Textbooks**

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

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

### **Statistics for Epidemiology**

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

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

### **Internet Resources:**

Official Science Olympiad webpage

[www.soinc.org](http://www.soinc.org)

Centers for Disease Control Career Paths to Public Health

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

Disease Detectives Event

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

Resource Center for Teachers and students

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

Principles of Epidemiology (CDC Online introduction to epidemiology textbook)

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

Epiville (Outbreak Simulation Columbia University)

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

National Center for Environmental Health formed by the CDC

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

Montclair State University - middle school epidemiology curriculum

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

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>

MMWR website - Morbidity and Mortality Weekly

<http://www.cdc.gov/mmwr/> -

Population Growth Concerns

<http://www.unisci.com/stories/20011/0108014.htm>

Outbreak at Watershed (Online Game)

<http://www.mclph.umn.edu/watersedge/>

Science Mystery (Online Game)

<http://www.sciencemystery.com>