

THE PATHOGEN GROUPS of MICROBIOLOGY 22

You have 9 pathogen groups to research throughout the semester!

The sequence of pathogen groups coincides with the lab quizzes, so you'll want to study them in that order and refer to the lab schedule for important due dates this semester. Beginning with the second lab quiz, each quiz will include multiple choice and matching type questions (scantron graded) about a group of important pathogens. You will research these pathogens *outside of class time* and compile your information either on the pathogen charts provided (the blank **viral and nonviral charts** are included in this packet for you to copy, as needed),

or... you can download your own copies at

<http://faculty.mtsac.edu/canderson/> [on left margin]

or... you can make your own design. For those pathogens that infect humans as well as other animals, use humans as your point of reference in compiling the data.

Here are suggestions for where to begin:

1. Your textbook index is a great place to start!

2. Research online. Reputable websites include:

<http://www.cdc.gov/> (Centers for Disease Control and Prevention)

<https://www.nlm.nih.gov/> (U.S. National Library of Medicine)

<http://who.int/en/> (World Health Organization)

<http://www.fda.gov/> (U.S. Food and Drug Administration)

Various foreign health agencies, such as the *Public Health Agency of Canada*

(www.publichealth.gc.ca)

Our Southern California Branch of the American Society for Microbiology resources

(<https://www.scasm.org/resources/links>)

3. The optional resource at the Mt. SAC bookstore is very useful:

Heymann, David's 2015 Control of Communicable Diseases Manual, 20th ed., APHA

ISBN: 978-0-87553-018-5

This resource is also available as the **Control of Communicable Diseases Manual for Mobile + Web** which includes the same reliable content as the book: the latest updates on identifying, managing, and preventing hundreds of infectious diseases, as well as public health news feeds and links to journal abstracts and citations via MEDLINE Journals and RSS feeds!

WebLogin <http://www.unboundmedicine.com/ccdm>

4. *Microbiology & Infectious Diseases Flash Cards, 2nd edition* (LANGE FlashCards) by Somers & Morse, 2010, McGraw Hill publishing; ISBN 978-0071628792

Save all your charts! At the end of the semester **THE PATHOGEN TEST**, an oral presentation of 20 case histories in which you become the microbe detectives, will be given. It will include only pathogens from these 9 groups, is 100 points towards your lab grade, and is taken with *open charts* (as long as the information you've compiled is in your *own* handwriting...to reward *you* for *your* hard work!).

Let's begin; the microbes are anxious to meet you!