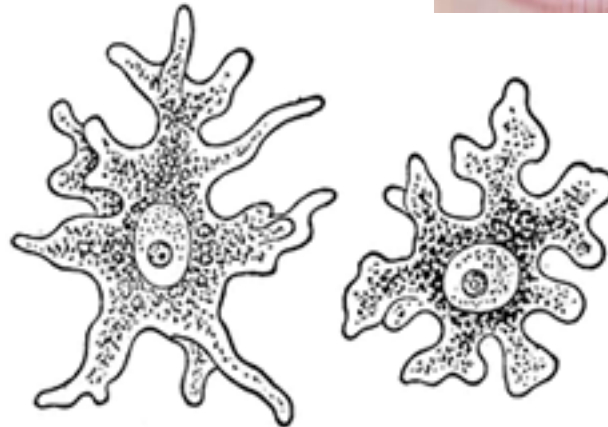




Which Disease Is the Worst?



With your lab table members...


Each of the following is a disease found in humans. Read each of the descriptions and **decide as a group how you would organize the diseases into 2-5 major groups, and then 2-5 subgroups.** Be able to defend your choices to the class

Cards include pathogens from the major groups: protozoans, bacteria, viruses, and parasites. Each card includes a description of the pathogen, how it is contracted, and the symptoms of the infection. Images on the card either represent the actual pathogen or the vector that transmits it.

Disease Infographic

- When health care organizations need to get information to the public, they use a variety of media to highlight what the public should know about a disease. Posters might be placed in doctor's offices, airports and train stations. Pamphlets might be distributed at schools, and memes and graphics might be shared over social media.
- Examples of infographics created by the C.D.C to educate the public about Ebola.

Preventing Ebola by Screening Travelers



During EXIT and ENTRY screening of travelers, officials:

ASK
about
exposure

LOOK
for signs
of illness

CHECK
temperature

West Africa

EXIT screening
All travelers leaving Guinea, Liberia, and Sierra Leone will be screened before getting on their flight.

| | | |
|---|-----|-------------------------|
| <ul style="list-style-type: none"> • High risk exposure • Same risk exposure without personal protective equipment | → ✗ | NOT OK to travel |
| <ul style="list-style-type: none"> • Same risk exposure with personal protective equipment • Low risk exposure • No signs or symptoms of Ebola | → ✗ | NOT OK to travel |
| <ul style="list-style-type: none"> • Same risk exposure with personal protective equipment • Low risk exposure • NO signs or symptoms of Ebola | → ✓ | OK to travel |

United States

ENTRY screening
Travelers coming to the US from Guinea will be screened upon arrival.

| | | |
|---|-----|--|
| <ul style="list-style-type: none"> • Signs or symptoms of Ebola | → | Medical evaluation |
| <ul style="list-style-type: none"> • High risk exposure • Same risk exposure without personal protective equipment | → ✗ | NOT OK to travel <small>21-day symptom monitoring with the health department</small> |
| <ul style="list-style-type: none"> • Same risk exposure with personal protective equipment • Low risk exposure • NO signs or symptoms of Ebola | → ✓ | OK to travel <small>Travelers from Sierra Leone, Liberia, or Guinea watch themselves for symptoms for 21 days and call the health department if they get sick.</small> |

More information about preventing and monitoring travelers can be found at www.cdc.gov/ebola/travelers/ebola-screening-fact-sheet.html.
 Definitions of high, same and low risk exposure can be found at <http://www.cdc.gov/ebola/travelers/ebola-screening-fact-sheet.html> for more information regarding screening for exposure level.

November 21, 2014 10/10/14

Stopping the Ebola Outbreak



Find Find and diagnose patients



FEVER AND SYMPTOMS



BLOOD TEST



LABORATORY TESTING

Respond Isolate patients; find and monitor patient contacts



ISOLATION BED



PATIENT INTERVIEW FOR CONTACTS



MONITOR CONTACTS FOR 21 days AFTER EXPOSURE



ANY NEW PATIENT RESTARTS PROCESS

Prevent Healthcare infection control, safe burial practices, avoiding bushmeat



INFECTION CONTROL



SAFE BURIAL PRACTICES



BUSHMEAT

Your Assignment

- Create an infographic of a disease - choose one from the communicable [disease list](#) we discussed in class or potentially create one for a disease not on the list (with approval).
- Infographics will be created using [piktochart.com](#) where you will design your graphic and then share the link with your instructor and classmates.
- Assignment Due Date: _____

Grading

Your grade will be based on the depth of information, organization and creativity.

| | Excellent (4) | Good (3) | Adequate (2) | Minimal (1) |
|---|---------------|----------|--------------|-------------|
| Origins , History, Symptoms (general info) | | | | |
| Mode of Transmission / Prevention | | | | |
| Cures / Treatments / Living with Disease | | | | |
| Statistics in the form of a graph or chart (look under tools) | | | | |
| Relevant and Engaging Images | | | | |
| Resources / Citations included (at least 2 quality sources) | | | | |