GI-Unit 4

**Global Health Unit: Diseases Project**

Many people in developing and underdeveloped countries face significant challenges on a day-to-day basis in order to survive. As we have already examined, people live in conditions of poverty, deal with water insecurity, climate change pressures, and food insecurity. People living under these conditions are much more prone to disease than those living in more developed countries. For this project, you and your partners will research a disease that continues to impart a terrible toll on people around the world. **This will be a 2-part project that includes posting information on a posterboard as well as creating a PowerPoint presentation**. Follow the format below & make sure ALL of the questions are addressed:

1. **History of the Disease**: include when & where it was first reported, details on spread of disease, and current impacts including global prevalence (included which country and continent it is most prevalent in today)
2. **Disease Characteristics:** Communicable or non-communicable? Spread person-to-person or does it need something else to spread (vector-borne disease)?, symptoms, how it spreads
3. **Treatment Options** **and Availability:** Do vaccines or cures exist? How can one avoid becoming infected? Provide **statistics** showing how effective are treatments at treating the disease; what are challenges to providing treatments? (for example: cost, access to populations, cultural resistance, etc.); provide examples of government efforts AND NGO efforts to deal with the disease
4. **Direct Health Impacts**: give current examples from 2 different countries including prevalence
5. **Secondary Impacts**: how else has the disease impacted people? (for example: has there been increases in poverty, political instability, declines in education, economical decline, social/familial/cultural problems; be as specific as possible)
6. **Global Impacts:** Why & in what ways is this disease a problem for the global community?; How do trade and other economic factors, such as commuting for work, affect the spread of the disease if at all? Connect the disease to global poverty, climate change, food & water insecurity: make a statement on how the disease connects to each of them
7. **Expert Quotes**: Include 2 expert quotes about the disease. You must explain the quote in your own words and properly cite the source.
8. **Your Suggestions** for possible realistic solutions to the problem; try to apply some of the methods you’ve researched that have been effectively used to address the disease
9. **Current events:** Discuss 2 current news stories that have some connection to the disease. Include summaries of the articles and proper citations of the articles on 2 slides. <THIS IS FOR THE **PowerPoint ONLY**>

**Poster Format Requirements**

* Text must be typed & glued or taped to poster
* DO NOT copy and paste whole sections of text from websites. You may quote from websites if you properly cite them, but you are expected to put most of the research into your own words.
* At least 4 relevant images/ pictures somewhere on the poster (with caption and source cited)
* Include at least 1 chart and/or graph that demonstrates compelling evidence about the disease; include a caption explaining what the chart illustrates; properly cite the chart’s source
* Include a world map that highlights, in color, areas most affected by the disease
* Include a works cited page (taped **on back of poster**)
* Cite sources parenthetically (if you don’t know how to do this, go to sprintz.weebly.com, click on Honors US History, scroll down to Writing Resources, and open MLA Format for Parenthetical Citations). Even in sections that you put in your own words, if you are explaining research done by someone else, you MUST cite the source parenthetically. I suggest you number your sources and use End Notes for your parenthetical citations.
* **Organize poster in a logical way** for a reader; this is part of the grade so think it through before putting the poster together
* Neatness & creativity will be part of the grade, so put forth thought and effort as you construct the poster

**PowerPoint Format Requirements**

* Font size no smaller than 24; there is no limit on the number of slides you use
* At least 1 image on every slide
* Include at least 2 charts and/or graphs that demonstrates compelling evidence about the disease and be able to correctly explain the charts/graphs; **cite sources!**
* Include at least 2 maps highlighting areas of the world most affected by the disease & some other geographic impact
* You must use Gapminder to demonstrate at least 2 demographic statistics relevant to your disease and its impact; accurately explain the stats during presentation
* You must embed a video clip or link to a video clip relevant to your disease (no more than a 10 minute clip) – the **vid link must be emailed to me no later than ONE DAY BEFORE your project is due**
* Include a works cited slide (last slide of presentation)
* **Cite sources parenthetically** (if you don’t know how to do this, go to sprintz.weebly.com, click on Honors US History, scroll down to Writing Resources, and open MLA Format for Parenthetical Citations)

**GROUP REQUIREMENTS**

* **Each group member must contribute an equal amount** to this project. Put your initials below the sections that you completed both on PowerPoint slides and Poster.

**Global Health Unit: Diseases Project**

**You MUST use the links provided below but feel free to use additional sites you come across online.**

**HIV/AIDS:**

<http://www.globalhealth.org/view_top.php3?id=1166>

<http://www.cnn.com/fyi/backgrounders/aids.africa/>

<http://www.unaids.org/en/>

<http://www.kff.org/hivaids/3030.cfm>

<http://www.cdc.gov/globalaids/>

<http://www.pih.org/pages/hiv-aids/>

<http://www.doctorswithoutborders.org/news/issue.cfm?id=2392&cat=issue-page&ref=tag-index>

**Malaria:**

<http://www.globalhealth.org/view_top.php3?id=1166>

<http://www.cdc.gov/malaria/>

<http://www.un.org/apps/news/story.asp?NewsID=39536&Cr=malaria&Cr1>

<http://www.malarianexus.com/>

<http://www.pbs.org/gunsgermssteel/variables/malaria.html>

<http://www.gatesfoundation.org/topics/Pages/malaria.aspx>

<http://www.doctorswithoutborders.org/news/issue.cfm?id=2395&cat=issue-page&ref=tag-index>

<http://www.cartercenter.org/health/malaria_control/index.html>

<http://allafrica.com/view/group/main/main/id/00014308.html>

**Polio:**

<http://www.cdc.gov/vaccines/vpd-vac/polio/global.htm>

<http://www.polioeradication.org/>

<http://www.who.int/mediacentre/factsheets/fs114/en/>

<http://www.theendofpolio.com/home/>

<http://www.gatesfoundation.org/polio/Pages/default.aspx>

**Cholera**

<http://www.who.int/mediacentre/factsheets/fs107/en/index.html>

<http://www.cdc.gov/cholera/index.html>

<http://www.pih.org/pages/cholera>

<http://www.doctorswithoutborders.org/news/issue.cfm?id=2390&cat=issue-page&ref=tag-index>

<http://blog.usaid.gov/2010/12/u-s-responds-to-cholera-outbreak-in-haiti/>

<http://e360.yale.edu/feature/climates_strong_fingerprint_in_global_cholera_outbreaks/2371/>

**Tuberculosis:**

<http://www.stoptb.org/default.asp>

<http://www.cdc.gov/tb/topic/globaltb/>

<http://www.results.org/issues/global_poverty_campaigns/global_health/global_health_tuberculosis/>

<http://www.pih.org/pages/tuberculosis-and-mdr-tb/>

<http://www.doctorswithoutborders.org/news/issue.cfm?id=2404&cat=issue-page&ref=tag-index>

<http://allafrica.com/tuberculosis/>

**Web Sources for Demographic info:**

* [**https://www.cia.gov/library/publications/the-world-factbook/**](https://www.cia.gov/library/publications/the-world-factbook/)
* [**http://www.gapminder.org/data/**](http://www.gapminder.org/data/)