**READ CAREFULLY! CLASS SET – DO NOT WRITE ON ME! – DO NOT ABDUCT ME!**

**You can download this from the agenda section on the class website, or you may take a picture of this page.**

**Please sit with other students that have the same role / disease that you were assigned, and share / work together with the disease packets. Everyone must return all of the handouts before the end of class. Nobody may leave until that happens.**

**Contents of the disease packet:**

1. **Information about your unknown disease (A, B, or C)**
2. **Information about 2 other diseases which share some characteristics with the unknown disease**
3. **Global climate / travel data**

Here are some guiding questions for you to focus on, based on your role. These questions are intended to be answered in paragraphs, not just in a sentence or two. Please be detailed, specific, and exhaustive; Include as much information as possible! You will not get any more time in Mr. Warren’s class to work on this assignment after this week, but students that use their time well should be able to complete the CER essay in class by the end of the week. Note: your “claim” is going to be your introductory paragraph describing the problem and outlining the solutions, which you will explain in great detail later in the essay.

**Environmental Scientist:**

* What kind of disease is it, what does it do, and how is it spread? Specifically, what environmental conditions promote the spreading of this disease? Note: the “environment” may refer to areas as big as the whole planet or as small as individual homes).
* Which of those conditions could apply to the United States, California, or Los Angeles? How might recent changes to our environment (climate, urbanization, etc.) make it more likely for this disease to spread into new areas that we might be concerned about?
* What can we do, environmentally, to slow or stop the spread of this disease? Are there any relevant solutions from historical examples relating to the environment?

**Epidemiologist**:

* What kind of disease is it, what does it do, and how is it transmitted (spread) from person to person? How does this pathogen reproduce, and how do we fit into that life cycle?
* What solutions can scientists provide to medically treat, cure, or prevent the spread of this disease? What evidence is there from historical examples that your proposed solutions could work?
* What are some science-related challenges that make these solutions less effective or more difficult to implement? How can these challenges be overcome?

**Public Health Official:**

* What kind of disease is it, what does it do, and how is it spread? What conditions or behaviors in our communities increase the risk of spreading the disease? What populations are at higher risk for contracting this disease?
* What can people do or not do (behaviorally) to reduce their own risk of getting the disease or spreading it to others? What evidence is there from historical examples that your proposed solutions could work?
* What can the government or communities do to help spread awareness of / implement these solutions,
* \*How can the government or communities help spread awareness of / implement the solutions recommended by epidemiologists & environmental scientists studying the same disease?