

Research based essay

You and a team of at least 2 other students will be assigned to write a research-based essay using one of the themes below. Each team will be assigned to a theme. Each team will work with their TA to develop an outline, two drafts and a final paper. Submission requirements are below.

Description	Instructions	Date Due (9AM, CTZ)
Outline	You do not need to submit an outline but will begin working on the thesis paper Tuesday afternoon, April 27, with your team and TA	
Draft 1	Draft first two pages of Essay	May 4
Draft 2	Draft of complete Essay	May 8
Final paper	Completed Essay	May 13

Upload Draft 1, Draft 2, and Final to the appropriate file on Moodle. Name your documents with the following format: Number of theme_Description. For example, Draft 1 would be 1_Draft 1; 1_Draft 2; 1_Final. Convert all of your documents to WORD for submission; do not leave as a "Google docs".

Topics

1. How do social conditions such as crowding and poverty amplify the spread of infectious diseases?
2. How did newly emerging infectious diseases enter human populations?
3. What makes a particular population more susceptible than others to an infectious disease?
4. Why are vaccines that target a particular infectious pathogen difficult to manufacture and distribute to a population?
5. Why are particular viruses harder to treat than others?
6. What are the risks and benefits of public health measures aimed at stopping a pandemic?
7. How has the current infodemic shaped the response to this pandemic?
8. What pathogen-associated variables, such as the amount of time an individual is infectious, stability of the virus in the environment, and ongoing evolution of the virus, should be considered when determining the length of this pandemic and whether or not this pandemic will amplify instead of decline? How do these variables differ from the SARS and MERS epidemics?

Instructions:

This is a literacy assignment and hence will be graded with respect to writing, reading comprehension and visual communication (you may include images and figures with appropriate citations). Begin this paper by considering what information you need to answer the question. Think about where you can obtain credible background information. Consider where your information is coming from and how reliable is that source. Find sources that have been published in an academic press or peer-reviewed

journal to support statements in your paper. Allow your voice to come through in the paper. Take a side but support your statements with evidence. Assign particular aspects of the paper to each member of the team. Everyone must contribute. However, the final paper should not reflect individual writing styles but a coherent document with a logical flow of ideas.

Writing in a group can have benefits and drawbacks. Multiple brains generating ideas are better than one. Collaboration is the key here. There may be interpersonal issues within a team making it difficult to work together but your TA will help you work through them. Group projects like this are usually on a spectrum that ranges from complete collaboration where every member of the team contributes equally and the writing process is done together, to only one writer doing all the work with comments from others. Hopefully your team will be more collaborative. However, the contribution of each team member will be considered, and you will be graded individually. Leaving all the work to one person means that that person receives ALL of the credit!

You must use in-text citations. Your TA can help you with this. You must have a References Cited page; use APA or CSE to format citations. The paper should be at least 5 pages long not including figures and References Cited page. A two page paper is not acceptable.

Outline: This is pre-writing. Brainstorm with your TA about how to address the question. Think about what ideas should be involved and how these ideas should be approached with background information and support. Decide what topic each person on the team will research further. Set up a schedule for meetings and determine what needs to be accomplished before the next meeting. Consider how you are going to share files. You can do this through email attachments, Google documents, or Dropbox (if you have this set-up).

Draft 1: This is a draft of the first two pages of the paper and will give me an idea of your progress. Send this draft to Olivia at least 3 days before it is due so she can assist you with revising and editing. Do not expect her to respond within 24 hours!

Draft 2: This is a draft of the entire paper from introduction to conclusion. I will offer my comments but realize that I will not tell you “what is wrong” or “what is right” with the paper. Telling you “what is wrong” implies that all you have to do is change the specific comments and you will receive an “A”. that is not how the writing process works. You should use my comments to revise, edit and proofread your work.

Final: Do not think of this as a “final draft”. Final drafts mean that there is still work to be done on the paper. This is the absolute FINAL paper with all of the revisions, editing, and proofreading done.