

Forensic Pathology Simulation Project

The local fair has ended, and school has begun. What would normally be a time of getting back to routine becomes a time of panic. A disease begins sweeping through the small community of Jamestown. As people show up at the hospital it becomes the responsibility of county health department staff to determine what the disease is and find its source.

As medical personnel and county health staff, you have to examine all the evidence, make recommendations to save the lives of the people who have contract the disease, determine the most probable source, and make recommendations to make sure this will not happen again.

The scenario will last until the week of March 4. You will be working in groups of 2 – 4 students (some exceptions may be given for teams of 1).

Throughout the simulation you will be given information in the form of memos, newspaper clippings, maps, and contagious disease reports. Each team will need to keep all this information in their folder.

For **part one**, your group will act as the nursing staff of Barrow County Hospital. Using the internet, develop a tentative diagnosis of what may be wrong with these sick people. Write a professional memo to Dr. Billman, the county health commissioner, about your diagnosis and how you decided on that diagnosis.

For **part two**, your group will become county health inspectors at the Barrow County Health Department. You will receive information throughout the simulation to help you decide the most probable source (or sources) of the outbreak and develop a plan to reduce or eliminate the possibility of a similar outbreak in the future.

You might consider dividing up the work within your group to reduce the overall workload.

The following is required for the project:

1. A written memo to Dr. Billman that explains your diagnosis and how you decided upon that diagnosis.
2. Determine the most probable source (or sources) of the outbreak **and** develop a plan to reduce or eliminate the possibility of a similar outbreak in the future.
 - a. You will need to write a report that explains your theory and defend your ideas with hard evidence, research of appropriate literature, and logical reasoning.
 - b. Your plan must address all possible sources of the disease that you think may be responsible for the recent outbreak.
 - c. You must also take into consideration the values and needs of all persons involved.
3. Your team will give a presentation of all your data to the class.
 - a. This presentation will be a summary of the written reports above, along with charts, maps, interview results, and other materials you think appropriate.
 - b. After your presentation, you will turn in your folder with your final report along with all your data.

The final report and presentation will be due the week of March 4th.