

This will be a group project, with each group consisting of 3 or 4 students. Each group will select an infectious disease and prepare the following:

1. A **creative** exhibit that communicates accurate and engaging information about the disease that should be of interest to both your classmates as well as others in your general peer group. The exhibit should include information about the etiology of the disease, transmission, symptoms, treatment, prevention, and historical facts (if appropriate). The exhibit must be a three dimensional display that will fit on a table top within a 2.5' x 3' footprint. It must include visual material which may be illustrations or models or simulations and be visually appealing. CREATIVITY will be rewarded.

Exhibits should be completed by April 20 and brought to the lab area on your lab day that week. You will have an opportunity to informally critique each other's exhibit and suggest improvements that might be included before the formal presentation at the Pestilence Fair on May 6.

Each group will present their exhibit to the MCC community at the **Spring Pestilence Fair** during class time (11:30 – 12:50) in the south side of the Brick Lounge (Building 1, 1st floor), on **Thursday May 6**. You should be prepared to explain your exhibit and answer questions posed by your classmates AND other MCC students, faculty, and staff that will view your display.

2. A FAQ (Frequently Asked Questions) document (prepared using MS Word) which includes the following information about the disease:
 - a. Scientific name of etiologic agent
 - b. Common names of etiologic agent (if there are any)
 - c. Name of the disease (often different than the name of the agent)
 - d. Transmission of the disease and potential portals of entry
 - e. Symptoms, duration, and typical outcomes of the disease including potential sequelae
 - f. Diagnosis of the disease
 - Specimen and specimen collection
 - Laboratory testing (what tests are done)
 - g. Treatment of the disease
 - h. Prevention of the disease (including vaccinations, if available)
 - i. Epidemiology of the disease, including geographic distribution and incidence.
 - Incidence refers to number of cases/year. Depending on the disease you choose, this could be number of cases in Monroe County/year, or number of cases in NY State /year, or number of cases in the U.S./year, or number of cases worldwide/year.
 - j. Biology of the etiologic agent
 - This would include indication of whether the agent is bacterial, viral, protozoan, prion, helminth, or other; if bacterial, the gram stain morphology and any unique growth requirements should be indicated
 - k. Any other information the group feels would be of interest.
 - l. Picture/images are encouraged.
 - m. Citations: Be sure to include appropriate citations for all sources used, including the sources of any images.

A hard copy and an electronic copy of the FAQ document (1 /group) are due **Thursday April 7**. This will be evaluated by your instructor and may be returned to you to make corrections. Once approved, an electronic version will be posted in Angel as a source of information for the entire class.