

Field Study Project – March 26, 2008

1. On this day, you are to think about the hand washing habits of yourself and others as you enter and leave restrooms on the MUM campus. You should think about what species of microorganisms may be found on the skin or under the nails of a person's hands. What could happen if these organisms gained entrance into a human body?
2. For additional insights, you may consult a website that shows results of a study conducted in the tristate area, www.needtolook.com. You should select **one microorganism** that could be found on a person's hands, and research that microorganism. Where is this organism found in the environment? How could it gain entry into the body? What problems could it cause in a human host? What are signs and symptoms of infection with this organism? How could an infection be treated?
3. You should use some or all of this information to produce a poster that could be displayed inside the restroom you visited on March 26. Your **target audience** will include **MUM students, faculty and staff**. The poster should emphasize your chosen pathogen as a reason FOR hand washing as a means to decrease infectious disease. It should promote good hygiene.
4. On the back of the poster, you should write your name, and the room number or location of the restroom you visited.
5. You should be prepared to submit, display and discuss your poster with classmates in lab on **March 31**.

HELPFUL TIPS: Try to make your poster colorful and convincing. They may be posted and displayed for a week at a time, then they will be returned to you, or you may donate them for display in the MBI lab. This project takes the place of the group project. It should be your individual effort, but I encourage you to talk with other classmates to bounce ideas around.

Grading Rubric

1 2 3 4

<i>Critical Thinking Elements</i>	<i>Marginal</i>	<i>Adequate</i>	<i>Good</i>	<i>Excellent</i>	<i>Score</i>
<u>Identifies Situation</u> (is this problem appropriate, does it reach the targeted audience?)					
<u>Lists Key Assumptions</u> (why is handwashing essential? What disease could occur in absence of handwashing?)					
<u>Gives Supporting Information</u> (potential pathogen identified and characterized, disease lists symptoms and signs)					
<u>Engaging Poster</u> (attracts attention and interest)					
<u>Knowledgeable Presentation</u> (student speaks on subject with knowledge and background prep)					
Total Score out of 20 pts.					

Comments: