Homework #1:  
LB145 S13 Sec 001-004

This homework is worth 5 points. Once you hand it in, you will be asked to evaluate someone else's homework – the quality of your evaluation will be worth an additional 2 points. Your final grade for this assignment will be determined by the teaching team.

Instructions:

- Use a word-processor (12 pt. font) for your responses.
- You MUST upload a copy of your homework to the Angel TurnItIn Dropbox folder.
- DO NOT INCLUDE YOUR NAME ON THIS ASSIGNMENT.
- When you upload your assignment to the Angel TurnItIn Dropbox folder it should have no identifying marks.
- When you bring a copy to hand in at class on January 15th (12:40pm), you should identify yourself using ONLY the last four digits of your PID #. If your name is on the assignment it will not be accepted.

The Question:

Compare and contrast simple diffusion, facilitated diffusion, and active transport across a biological lipid bilayer membrane.

- Define each process as applied to a biological lipid bilayer membrane.
- Provide a specific example of each process as applied to a biological lipid bilayer membrane.
- Describe each example (what's going on? how does it work?).

REMEMBER – It's OK to discuss ideas with friends, but

YOU MUST TURN IN YOUR OWN UNIQUE WORK!!!