In regards to the genomics part of the course or lab experience, list the top three aspects that HINDERED your learning the material well.

- 1. Not a user friendly site.  
- 2. The information was presented in a confusing manner.  
- 3. I was not too interested in the experiment.  
- MAGIC tool was not very user friendly. I sometimes was unsure of what purpose certain aspects of the experimental procedure had and simply followed the guide without understanding.  
- professor's explanation of material  
- Some things were left out of MAGIC Tool handout  
- Data retrieved from microarray was only from repressed no induced was present  
- I didn't know vocab very well and didn't feel like it was explained thoroughly.  
- The microarray broke and could not be scanned. MAGIC TOOLS gave us several problems while trying to analyze data.  
- Magic tool software was not user friendly  
- Magic tool is a funny program, as is to be expected from a derived program. It worked, but it took a few weeks to figure out its peculiarities.  
- lacking background  
- unprepared lab partner

In regards to the genomics part of this course or lab experience, list the top three aspects that HELPED you learn the material best.

- 1. Practicing the use of Magic Tool beforehand.  
- 2. Using the GCAT website.  
- 3. Actually doing the experiment.  
- On hands learning.  
- The videos on the GCAT website, hands on practicing lab skills before I was required to perform them, and the quizzes from the website.  
- Step by step instructions  
- The instructor offered many notes on the topic and also provided notes in the protocol.  
- magic tool handouts preforming the experimetrn  
- reading thoroughly ahead of time

In regards to the genomics part of this course or lab experience, what part of the process was the hardest for you to understand?

- The end results- interpreting genes in metabolic pathways.
- Location of genes on microarray  
- The processes of the genes and the pathways
The hardest part was analyzing the data.
How magic tool worked. The instruction manual is not made for beginners. My professor provided help guides that enabled us to get through it.
log transformations and the ratios
the many different things attached that result in a fluor