

# Lab Notebook

*Brooke Bothwell*

## Tuesday, April 28, 2015

Today I am starting my lab notebook. As well as attempting to work with the Latex software and Github. However, it is proving difficult. I am not exactly sure how to push my data to the github cite, or pull from the github cite. My meeting is tomorrow at 11:00 and the only thing I am going to have to show for it is this entry in this lab notebook. I have been looking at forums only and trying to figure out how to push/pull with github from the command line however I am still having difficulties.

**Latex and Github** Writing in these is not that difficult, however I am having a problem pushing and pulling. (Thinking about creating my own private journal using this for practice, could be easy to organize and would save on money and the environment).

## Wednesday, April 29, 2015

Meeting with Dr. Borrett today going over Github and Latex software and how to use it with the DIS. Very productive meeting. Actually learned a lot about how to work with the software and how to use it not just within the DIS program. This is awesome.

**Working with equations and testing citations** We are testing the citation out. Here is a indirect effects paper (Patten, 1995).

Opps, I forgot to insert an equation

$$E = mc^2 \tag{1}$$

Lets write an equation.

$$y = mx + b \tag{2}$$

**Rstudio** The next step is to introduce the actual Network software into the Rstudio system on my computer and I will have the whole lab on my computer! Yay!

Now I can reference my equation directly by saying see equation 2

## References

- Patten, Bernard C. 1995. Network integration of ecological extremal principles: exergy, emergy, power, ascendancy, and indirect effects. *Ecological modelling*, **79**(1), 75–84.