To talk about today

- HPC Accounts
  - do you have one yet?
  - does it work?

- Super Excel

- Resources

- Editors
Open a Terminal
Open a Terminal
SSH into the HPC
“Super” Excel

• Have you ever used Excel for your research?

• Have you ever use a calculator WHILE using Excel?

• What are some functions you think you can preform within Excel?
Simple Functions

- SUM()
- MEAN()
- STDEV()
- CONFIDENCE(alpha, standard_dev, size)
  - alpha is the confidence interval size, i.e. if you want the 95% confidence interval alpha = 0.05
Conditionals

- IF(condition, true, false)
- COUNTIF(range,condition)
- SUMIF(range,condition,[sum range])
Text Manipulation

- **FIND(search, context, [start location])**
  - finds the location of the search within the text in cell “context”

- **MID(context, start, length)**
  - trims the text in the cell “context” starting at character “start” for “length” characters
How do you edit text files?

- What's the difference between Word and NotePad?
What resources are available to