**Things to do before running any code:**

**1) Download R & RStudio**

* Directions can be found on this Suen Lab R Tutorial:
  + - http://rpubs.com/maddieSC/R\_SOP\_BRC\_Nov\_2017

**2) Create an R Project**

* File --> New Project --> New Directory --> New Project
* Under "Directory Name"
  + Name your R Project
* Under "Create project as subdirectory of"
  + This sets your R Project location
  + Choose a place that you'll remember
* Click 'Create Project'
* Now you'll have a folder in your previously specified location
  + This folder will contain your R Project object (.Rproj)
  + This folder is your working directory
  + Everything you do will be based in this folder
  + Everything you use (scripts, etc.) will be located in this folder

**3) Set up directory**

* From the UWBox, download the "R\_CRDS" folder
* Copy and paste everything in the folder into your R Project Directory
  + **EVERYTHING (folders, files) SHOULD REMIAN THE SAME AS THE STRUCTURE OF THE BOX FOLDER!!**
    - This means no moving files around into different folders. Just copy and paste everything so that it keeps the same structure in the UW BOX and in your R Project Directory.

**4) Download libraries**

install.packages(“ggplot2”)

install.packages(“dplyr”)

install.packages(“grid”)