**EEB698 Assignment**

Fall 2018

At the end of the semester, you should have the following folders and files in your GitHub repository.

Pink indicates materials produced outside of this class

green assignment during this class

1. \_AnalysisScripts
   1. Modeling.R – script(s) for analysis/modeling
2. \_Background
   1. Store papers/reports relevant to this project.
      1. Data management plan (use dmptool.org)
      2. Grant proposal (if relevant)
3. \_Data
   1. Raw (read-only, storage, not to be touched, pristine backup; should include scans of original data too)
   2. Tidy (intermediate and final R datasets)
4. \_DataWrangling
   1. DataAcquisition.R – script for compiling all data files into a single dataset
   2. DataWrangling.R – script for munging data into a usable database
5. \_Docs
   1. Analysis\_Outline document (from first week of class)
   2. “Metadata” document
      1. section called “code book” or “data dictionary” describes the purpose and type of data for each variable in the database.
      2. section called “study design” or “protocol” describes exactly how the study was conducted.
   3. Generated documents from analyses - Rmarkdown, word docs, ppt.
      1. Should have one generated RMarkdown document from each of these scripts (DataMunging, modeling, figures)
      2. Word document with the analysis section of your methods, your results section, and any associated figures and tables.
6. \_Graphics
   1. Figures.R – script with code for final figures in paper
   2. Any graphics output (pdf, png, svg)
7. \_ReadMe
   1. Write down the driving questions and purposes of the project, as well as any notes important for running the code/remembering what you did and need to do.