# Applied Genomics : Project Proposal - Due 4/2/18

## Forming groups:

Groups are maximum of 2.

You are allowed to work on your own.

PhD students are allowed to group with Masters students but not with other PhD students.

Masters students can group together with other Masters students.

## Datasets:

We encourage you to use a dataset from the lab you are working in or you can search the SRA database for a publicly available dataset.

If you are interested in working on a dataset that is different from what we are covering in class, please see one of the faculty members first.

You are not restricted to the software used in class. In fact, you can even plan an analysis to determine which tool is best.

## The project:

Why is your project important/interesting ?

What is the experimental question ? or what are your hoping to discover from your analysis ?

What is the experimental design ( how many factors, how many levels , how many replicates) ?

What software / applications are your planning to use to answer your question.

Are there any obstacles you foresee in your project ?