***Formulating Research Questions***

**Due on Tuesday, March 11 at 5:00pm**

**For homework,** think of (1) statistical and (2) mechanistic research question related to your research topic.

Please keep the following in mind as you design your questions

**For your statistical question,** you will need to list the following pieces of relevant information:

* Your hypothesis
* Response variable
* Predictor variable(s)
* If you know it, list the type/distribution/family that your response variable will be drawn from. This might become easier after Andres’ lecture this afternoon.

**For your mechanistic question,** you will need to list the following pieces of relevant information:

* Your hypothesis
* Populations involved in your study
* States (or sub-populations) that each population might take
* Processes that describe how individuals move from one state to another within a population

***For tomorrow’s session, you only need to THINK of two questions. You do not need to list any of the above yet!***