

## ***Write Your Own Research Question***

**Due on Tuesday, May 20 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!**