

**Homework 1, BIOL683, Due Thursday January 16, 2020 11:55 PM**

1. Write an abstract of **400 words or less** describing your research interests. You should start with an introductory sentence or two, followed by a description of the problem you would like to solve and how you will overcome it. Finish with a statement of how this work will be significant to your field. This exercise can use your real interests or a hypothetical set of interests (but still related in some way to your intended research).
2. Enumerate, in **1-2 sentences, one** testable hypothesis related to your abstract from 1a. Again, the hypothesis can be a real one you intend to test or a fictional one related to your interests.
3. Describe, in **4 or fewer sentences, a single** experiment you might use to test your hypothesis from question 1b. A basic overview is enough – I'm not expecting great detail here.