This semester promises to be unlike any other. Bio331 will be a hybrid of synchronous and asynchronous activities and assignments, with participants both in-person and online, on campus and across the world. **Importantly, this collaboration policy is specific to Bio331 only.**

Collaboration guidelines.

1. Unless otherwise specified, collaboration on lab activities, class worksheets, and programming assignments is highly encouraged. When you collaborate, properly cite it in your work (see below).

2. You can always look up how to use specific functions in Python, as long as you know what it is doing and you properly cite it (see below).

3. You can always attend posted office hours and email Anna questions. You can also arrange extra meetings with Anna or one-on-one tutoring.

4. You must write all of your own code; you cannot copy/paste someone else's code (or code from the internet).

5. Unless otherwise specified, the written assignments must be completed on your own.

Breaking the rules outlined in numbers 4–5 violates the Honor Principle and may result in severe consequences.

Citing code.   Just like when writing papers, there is a way to cite others' work in programs.

1. If you write functions with other students in the class, add their names as comments at the beginning of the function, e.g.,

```python
def file2graph(file):
    """
    Function to convert a file to a JSON graph.
    Written with Jane and Rob for Lab 5
    """
```

2. When in doubt, cite discussions with other students. Here are some examples.

```python
# I talked about the structure of this code with Marco
# Julie and I worked on the function post_network() together.
# I modified the convert() function from Lab 3
```

3. During the Research Project in Module 5, you may use Python libraries and modules and borrow code from the web. If you do this, add the following information as comments to your program This pertains to both Python modules and StackOverflow-like queries.

   - Title and author information (if it exists)
   - URL
   - Description of what the code/module does.

   Warning: There are many incorrect programs floating around the internet. Make sure that the code you use actually does what you want it to do.