**Bio111 Week 9**

Before you come to lab

1) Review what you have done so far with the evolution experiment.

2) Check your email one hour before lab so you know which section you will present in lab.

3) Answer each of these four questions in two sentences or less.

A) How long does it take for evolution to take place? (evolution)

B) Why did you freeze cells last week? (evolution)

C) Is it possible for cells to evolve antibiotic resistance to an antibiotic other than the one you are using? (evolution)

D) What one mechanism of evolution is primarily responsible for the growth of cells in the presence of antibiotic? (evolution)

**Week 9 (October 20th)**

This week will be a very short lab.

Promoter Lab

4) Oral presentations with peer feedback

Evolution In Lab

5) Design your follow up experiment to continue the directed evolution experiment.