Sam Kane

Goal 1.1 Reflection

Identify and Describe Major Principles of Biology

Major principles of biology overarching ideas including cell theory and evolutionary theory. Major principles of biology also include researching techniques, data collection, and many other things. These are the principles that make up our every day biology careers, especially when we’re in the lab.

Biology 122 – Biology 122 is the first major biology course I took here at Longwood. Throughout this course, I had to complete a group project on basic bacteria research. This was the first research / lab project I completed while here, and I learned a lot from it. The class project taught me a lot about research methods and how to work in a university lab setting.

Biology 288 – Biology 288 was Sophomore Seminar. This course brought in all the ideas we learned in Bio 120, 250, 251 and kind of synthesized them all. This course was a nice refresher, allowing us sophomores to gather ourselves and prepare for future higher-level courses that would go way more in depth with specified topics as opposed to these early level courses. In this course, we were required to complete a basic research and review paper. I completed my paper on Synthetic Biology because I believed it was something extremely important for the future of biology and it incorporated a lot of different fields and practices into one similar topic.