Alaya L. Poole

Ever thought you were living, but turns out you were not? Going through the notions of the last twenty-two years of life, life has displayed many traits of ambiguity. The dynamics of life can be declared dysfunctional, which can be very compelling to the eye, making curiosity inevitable. There are so many traits, flaws, and features that pronounces me different than the person beside me. Maturing in a household, filled with dominance of success, the mind has a tendency to mimic what is seen. Most of my childhood, my step mom battled pursuing a nursing degree, which entailed many dinner conversations to analyze her studies. Attending her classes, I evolved to being intrigued with the human body. Maintaining a straight “A” student persona, was a practical lifestyle I was used to and quite successful at. Deciding to endure clinicals to receive my certified nursing assistant license, enabled me to gain a perspective on how to care for patients. Hence, I learned that catering to the needs of patients was not the job for me, thus it was a very vital job. In terms of my emotional stability, I lack a sense of estrangement. Though I gained no alliance in entertaining the career choice, interacting with various disabilities on a daily made me curious. My mind became accustomed to questioning what exact mutation occurred to place those people with such situations and why. During the act of pursing a Biology with a concentration in biotechnology bachelors degree at Winston Salem State University, I yielded confidence in what satisfies my inquisitiveness. Such a degree granted me determination and discipline to persist in a Master’s of Science, in Molecular Biology to eventually seek a career as a research scientist in biotechnology.

Correlating the adjustments of entering adulthood and sustaining exceptional student status has to be declared as one of the hardest attributes to accomplish. Balancing an acceptable lifestyle as a full-time student seems almost impossible to adapt to. In between studies, I manage to work approximately forty hours a week, in which sleep becomes limited rather than optional. Enlisting in various internships, I found myself taking on any opportunity to perfect my laboratory skills. Accepted into the Rams Scholars Program, I was able to study the effects of Carbon Heterocycles in organic chemistry. During my internship, I was completely mystified to such complex chemistry, thus I found myself utilizing my biotechnology sources to construct a detailed laboratory notebook to self- teach myself the factors of chemistry I did not know. Furthermore, preparing me for my chosen job, a research scientist work is embedded within the lab. When maneuvering in a lab, I had to inquire determination to find unknowns, in which challenged myself to broaden my knowledge and capabilities. In addition, a research scientist must be well aware of different aspects and innovations within a lab. Though organic chemistry was not my forte, I used the experience to demonstrate necessary lab techniques, as well as recording a detailed lab notebook.

Fluctuating between many different biotechnology labs, ranging from introductory to high intellect, I formed a foundation of knowledge surrounding research. Entering mainly as a biotechnology student, most labs were reflective upon one another, indicating higher cognitive biotech labs emanate from the introductory lab. The introductory biotechnology lab instilled discipline, in which the professor was only there to guide me in my research. In the process of implementing protocols, many methods such as northern blots, western blots, and polymerase chain reactions were mechanisms I learned practically on my own by conducting research. At this point, I inquired the discipline to depend on my resources and self-knowledge to address a certain hypothesis. When reaching the Industrial Molecular Biotechnology lab, I then knew how to start foundations for my studies. This particular act of discipline consisted of me creating my own solutions, formulating my own hypothesis, and identifying what mechanisms to apply. I plan to obtain my masters in molecular biology, in which will enable me to be further qualified in becoming a research scientist in biotechnology.