**Acacia M. N. White**

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Jan.17th, 2017

Biology Admissions Dept. of NCCU

1801 Fayetteville St

Durham, NC 27707

Dear Master’s Program admissions,

I am writing to apply for the Master’s degree program in Biology, beginning in the fall of 2017, as soon as I complete my undergraduate degree in Biology as well with a Microbiology concentration at Winston-Salem State University. While attending this university, I have gained many intellectual, experimental, and technological techniques; because of my experience at WSSU I have developed both as a scholar and a scientist. I fully understand the value of an excellent education and I would be honored to continue my search for understanding within North Carolina Central University because know I will be able to excel as a scholar and continue my path to making a bigger impact in the world. My research interests have been a mosaic of Microbiology sub-categories. More specifically, I am heavily indulgent in Immunology and Virology. I have participated in a research lab, for a period, working to find alternative ways such as PCR to differentiate between HIV-1 and HIV-2. More recently, I participated in a study to understand scientific inquiry and the relevance it plays on one’s decision to pursue a STEM related career as opposed to a non-STEM based career. With my research background in both the fields of Virology and psychosocial behaviors, I have learned a plethora of topics related to these issues. My senior research paper is also based on the human-immunodeficiency virus, and its epidemic effects on the sub-Saharan portions of Africa where the disease is most prevalent. My interests in HIV are specifically the routes or transmission, treatment, and the prevent methods and medicines. While learning more about the disease, I hope to be in a laboratory environment conducting new research in these directions. My life goal is to ultimately work in a research lab with a team of skilled scientist with hopes to cultivate a cure or vaccine for the disease. My interests in the disease stem from a very close family member who died from the disease. It has become my passion throughout my education. I am very glad to have had the chance to work with the disease in a hands-on lab. Graduate school will be my next step in achieving my life goals. I am eager to be among scholars that seek to make the world a better place for everyone, just as I do, that share some of the same passions. Thank you very much for your time and consideration of my candidacy.