Advice
When considering doing research I think that it is important that you find a topic that interests you. This is what is going to lead to you producing your best work and it will feel like a privilege, not a job. Don’t be afraid to reach out to any professors working in your field of interest because in my experience, they are more than willing to help.

Current Research
My research focuses on developing a vaccine that can both prevent and treat cancers caused by the carcinogenic Herpes Virus known as Epstein Barr Virus (EBV). EBV infects more than 90% of the human population and is the leading cause of infectious mononucleosis. EBV is likely to cause cancer in infected subjects with a suppressed immune system. Developing a vaccine for EBV entails the use of molecular cloning to allow us to genetically modify a virus known as Modified Vaccinia Virus Ankara (MVA) so that we may inject it into humans and cause our immune cells to become infected by the MVA. As a result the immune cells release virus like particles (VLP) that elicit an immune response to EBV therefore granting the human immunity to EBV and its carcinogenic factors.