

Healthcare is a burgeoning field, with advances and technologies hitting the market each day. Medical practitioners are pioneering new techniques and prescribing improved medications. In this furore, it is important to consider the backbone of the medical industry, pharmaceutical sciences, of which I am a proud and enthusiastic part.

As a recently graduated pharmacist, I am eager to take my first steps in the process of specialising myself in my field. Having gained a wealth of experience working at multiple hospitals during my rigorous internship year, I am well prepared to further my education by applying to the <Program> at <University>.

Being of a scientific bent of mind, I always knew I would engage with a research-based field and make it my life's work. However, it was not until a microbiology class in my second year of study at pharmacy college did I recognize my intense fascination for the subject. My professor at the time did a wonderful job of explaining the complex, microscopic ecosystems and processes involved in the life of microorganisms and how they adapt and create an entire cosmos for themselves in any environment. As the year progressed and I learnt about humans have harnessed these processes to further healthcare, I was captivated, both by the amount of work that has been done and the sheer potential for more research. Therein, I know for certain that a master's program in biotechnology would be the right first step in my career.

Apart from gaining a host of theoretical knowledge in subjects like biochemistry and microbiology, I focused on alternative methods of learning. An active participant in medical conferences with a flair for presenting papers, I have contributed presentations to one national and four international pharmacological symposiums. My ardent desire to pursue research work took shape in my review article on geriatric NCDS and polypharmacy which was published by the Journal of Global Trends in Pharmaceutical Science. My 6-month long study has been accepted for publication as an original research article by the International Journal of Recent Scientific Research.

When it comes to innovation and scientific advances, the UK is one of the forerunners worldwide. I believe I stand to gain a gamut of research experience and exposure during my time here. Moreover, in today's rapidly interconnected world, it is imperative for the scientific community to progress as one, and develop a multi-cultural flavour. I hope to interact with people from all over the world, sharpen my communication skills, learn from different cultures and contribute a part of myself generously to the university community.

I am aware of the level of dedication required to achieve success in a challenging master's program. However, I value perseverance and am confident that I have the necessary skills to adapt to a new environment. I hope to, in future, contribute the plethora of research on protein-based medicines as an alternative to allopathy and serve as a quality control officer in one of the world's leading pharmaceutical companies.