



Mohammed Mian
Diagnostics Fellow

TB on PP diagnostics

“The global health work that PATH is doing really resonates with my main goal in life, that is to help people in developing countries like Pakistan — where I am from— to gain access to life-saving tests and drugs that are safe, efficient and affordable to slow down and potentially stop the spread and mortality rates of diseases for which testing and cures already exists.”

Mohammed is pursuing a degree in microbiology at the University of Washington, graduating in the winter of 2021. He wants to pursue a dual MD/PhD degree and pursue a career as a physician-scientist, and thinks that working with PATH will help solidify his concepts of biology and improve his skill set, enabling him to design and carry out experiments in the future.

Having been raised in a society plagued by very treatable and preventable diseases Mohammad has a burning desire to change that situation, which has been his main motivation to pursue the field of microbiology. He has always been interested in microbiology since his father, an army doctor in Pakistan, introduced him to a microscope in one of his pathology labs and showed him infected cells and bacteria for the first time. Mohammad was so intrigued by bacteria and viruses and how they caused disease that he saved the money he received for his 9th birthday and bought himself a microscope and he has been pursuing microbiology ever since.

One of his microbiology professors introduced Mohammed to research at the beginning of his freshman year and since then has guided him by example while they have worked together on a variety of projects. The professor has been Mohammed’s biggest inspiration throughout his undergraduate academic journey, showing him that anything is possible if one sets their mind to it.

In the future Mohammed hopes to visit the Galapagos and go on a road trip across the Himalayas. He sees preparing for climate change and pollution, both of which make it easier for many exotic diseases to flourish in areas where they normally wouldn’t have survived, as one of the biggest battles facing his generation. His motto is “If I have a why, I can bear almost any how.”

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