**How will opportunities at Purdue support your interests, both in and out of the classroom? (Respond in 100 words or fewer.)**

As a forensic scientist, I would like to develop a more accurate DNA analysis methodology. DNA is easily altered by its surroundings, making it lose its important information. In Purdue I am excited to take courses such as Genetics and take a clinical year where I will be able to learn more and have hands-on experience on how the environment has an effect on DNA composition. I also look forward to conducting research in the Bioinformatics and Discovery Systems Lab where I will be able to familiarize myself with the common genomic biotechnology methods to look for their flaws that can be improved. In addition, I will be able to look for ways to restore DNA markers from damaged DNA.

I am also interested in joining the Forensic Science Club where I will be able to gain connections with forensic experts and learn more about the forensic science fields.

**Briefly discuss your reasons for pursuing the major you have selected. (Respond in 100 words or fewer.)**

During Harvard Model Congress Asia, we often discussed wrongful convictions due to hair analysis and misidentification. In the past 30 years, 375 people who were convicted as a criminal through non-DNA analysis, were exonerated using DNA testing. Unlike non-DNA evidence, everyone’s DNA is unique. There is one in a trillion chance that our DNA could match with someone else’s. I would like to contribute to solving this issue as a forensic scientist in the US. Through a B.S in Medical Laboratory Sciences, I will be able to pursue my dreams of becoming a forensic scientist.