

Hello! I'm Himani, a rising senior at Jericho Senior High School. My interest in physics began with my first physics course in sophomore year, then developed into a passion with my second physics course as a junior. This is my first summer at the LTC, and I'm looking forward to developing both my proficiency in optics and my comfort in a real-life lab setting.

Currently, I'm interested in using holographic interferometry to study fluids: either by observing changes in particles suspended in fluids or recording changes in fluid flows as a whole. I started by reading a holography textbook and scientific papers that approach this subject, but now I'm coming into the lab to apply the knowledge I gained. I'm in the process of creating my first holographic interferometer, and I'm super excited to see where this work takes me!

-