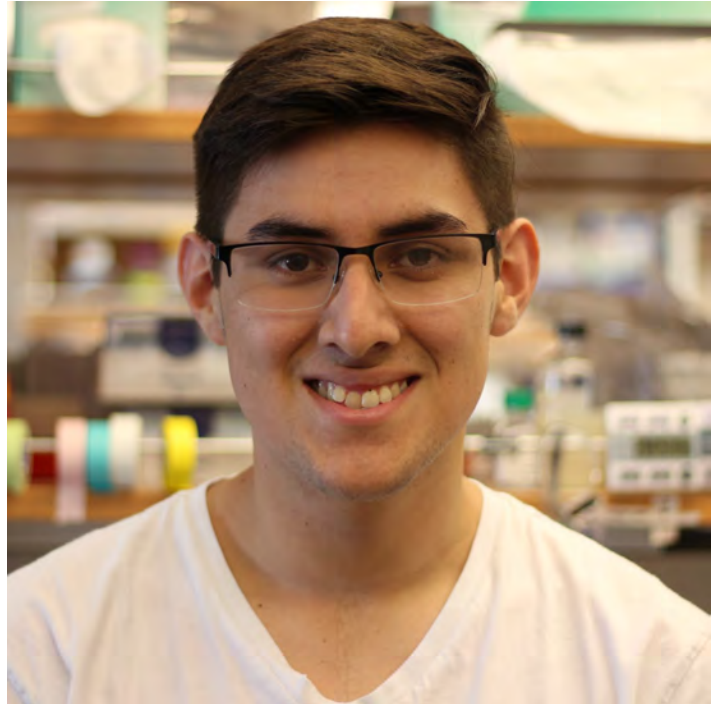




2024 Alber Science & Engineering Fellow

**Andres Alonso Dextre Chavez,
Ph.D. candidate in UC
Berkeley-UCSF Joint PhD
Program in Bioengineering,
Fletcher lab**



Andres Dextre is a Ph.D. student in the laboratory of Dr. Daniel Fletcher as part of the UCSF-UC Berkeley Joint PhD Program in Bioengineering. His research involves leveraging CRISPR-Cas enzymes for developing novel molecular diagnostics that we can employ at the Point-of-Care for infectious diseases. Andres received his Bachelor's degree in Biological Engineering from Purdue University. During that time, he worked with Dr. Mohit Verma developing paper-based molecular diagnostics for detecting SARS-CoV-2 and bovine respiratory disease associated pathogens.

As a Thomas C. Alber fellow, Andres is focusing on developing a CRISPR-based assay for detection of micro-RNAs in Schistosomiasis derived extracellular vesicles.