My research career began at Lamar University working with Dr. Bahrim, Dr. de la Madrid, and Dr. Lin in the Physics and Chemical Engineering departments. Initial projects ranged from working on nanofiber development to building a miniature rail gun. In medical school, research took new meaning for me as the human patient became a significant player, leading to new constraints, new goals, and different teams. Wanting to marry my prior experience with medical research, I participated in a Biomedical Innovations elective, leading to a presentation at VentureWell, a startup conference. Now I focus research ideas on patient reported outcome measures (PROMs) and their ability to measure and even predict outcomes of total joint replacement surgery. I am also interested in the field of radiomics, the study of utilizing computer algorithms and AI to analyze imaging to assist with diagnoses of metastatic disease in sarcoma pathology.