I am interested in theoretical and computational nuclear physics, and stuff. A diverse research background, including projects in theoretical and experimental physics and engineering, gives me confidence in my choice of discipline and unique perspectives to bring to graduate research.

Topic sentence please. From there, two summers in optical remote sensing developing computer algorithms and designing and building electronics and an academic year in experimental liquid crystal physics sealed my desire to pursue a career in research. Motivated by interests in pure mathematics and computational fluid dynamics developed while working in liquid crystal research and fascination with his hydrodynamic approach to high energy physics, I began working with Asst. Prof. Paul Romatschke in the end of my second year. We study the hydrodynamics of the unitary Fermi gas through lattice kinetic theory simulations that I have written. I am excited about the opportunity to develop quantitative models