I got my Ph.D. in Physics from The University of New Hampshire in 2023, while there I worked under Dr. Shawna Hollen. The last year of my Ph.D. I worked at Brookhaven National Lab with Dr. Percy Zahl on integrating machine learning to SPM techniques. Currently I am a postdoctoral researcher at Brookhaven National Laboratory working Dr. Anibal Boscoboinik on transient kinetics and dynamic catalysis.