

Dr. Julie A. Pigza

Students in my group will learn a variety of organic synthesis techniques, the safe handling of chemicals, and purification of compounds using chromatography. All reactions and synthesized compounds will be analyzed with the routine use of nuclear magnetic resonance spectroscopy (NMR) as well as infrared spectroscopy (IR) and mass spectrometry (MS) to confirm structure. Students will also be trained in using Gaussian software to predict the energies of these compounds