

Fall 2023 Chemistry Career & Innovation Talk

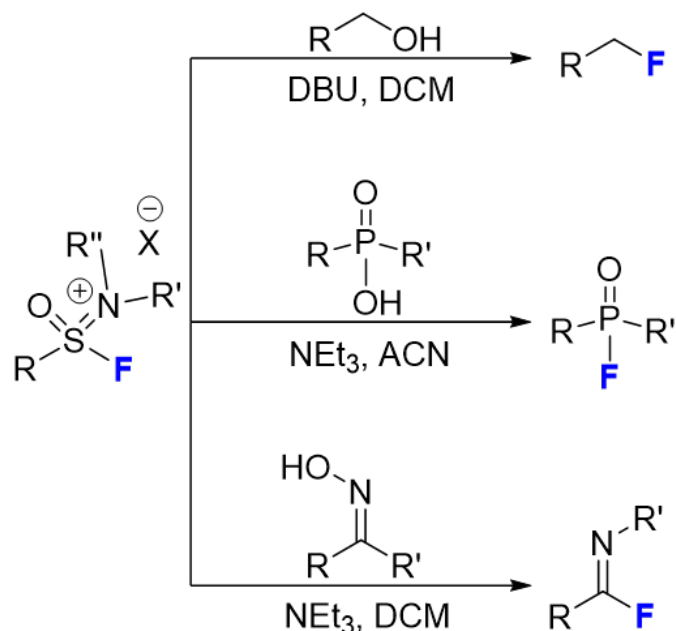
When: Thursday October 19th 5:30 pm

Where: Science Center Link 151

Join us for **free food** and cool science!! Learn about research from a WCU Chemistry alumnus!



Speaker : Dr. Patrick Melvin
From: Bryn Mawr College



Abstract: Fluorine has grown to become a highly prized element in drug design, often appearing in multiple places in some of the most prominent and successful pharmaceuticals. Deoxyfluorination is one of the most common strategies for fluorine incorporation but, while improvements have been made, limitations still plague this methodology, such as sluggish reaction rates and harsh reagents. Our laboratory has recently developed a new class of sulfur molecule, sulfone iminium fluorides (SIFs), that were designed to address many of these limitations. We have developed and synthesized a wide range of SIF reagents capable of introducing fluorine into various organic compounds on an unprecedented timescale.