

Research Description

Research in Pak Lab consists of synthesis and study of “non-natural” nano- to meso-scale materials. We utilize modern synthetic methods for the preparation of novel inorganic, organic, organometallic, and organic-inorganic hybrid materials with technologically important properties such as (semi-)conductivity and nonlinear optical (NLO) activities. In addition to preparation of organic, organometallic, and inorganic materials, we collaborate with various research groups here at ISU and around the world in analysis, device construction, and device testing.