



Meet the Chair

Patrick Fleming, Chair

Physical Chemistry, Computational Chemistry, & Molecular Spectroscopy

My research primarily focuses on the areas of Molecular Modeling, Green Chemistry and Curriculum Development. In the area of Molecular Modeling, I focus on determining thermodynamic values for systems in which it may be difficult to isolate a specific species, such as chemical intermediates. In the area of Green chemistry, I am interested in understanding and characterizing chemical reactions that can be used to remove pollutants from the environment. In the area of Curriculum Development, I am interested in developing hands-on Molecular Modeling exercises that can be incorporated early in a chemistry curriculum and can be used as bridges toward understanding of more complex topics, as well as the use of the Internet

Programs