

College of Liberal Arts and Sciences Fall 2021 Chemistry Seminar Series Friday, December 3rd

Dr. David Stuart Associate Professor, Chemistry Department Portland State University

Physical organic chemistry models for synthetic organic chemistry applications

Abstract:

I will describe my interest in physical organic chemistry and my group's recent foray into physical organic chemistry techniques. Specifically, we have developed a predictive model for speciation of diaryliodonium salts based on multivariate linear regression and have applied it to the arylation of two distinct nucleophiles.

Bio:

Dave obtained his BSc at the University of Victoria and PhD at the University of Ottawa with Prof. Keith Fagnou. After an NSERC-funded postdoctoral fellowship at Harvard with Prof. Eric Jacobsen, Dave joined PSU as an assistant professor in 2012 and was promoted to associate professor in 2017.