



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

Dr. David Stuart
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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.