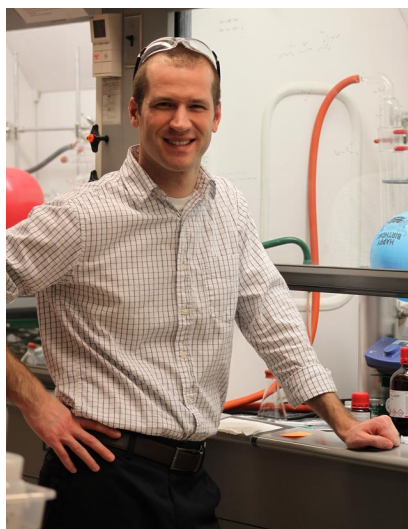


Oxidatively Generating Arynes for the Synthesis of Functionalized Arenes

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Aromatic rings appear in many societally important molecules including medicines, agrochemicals, and liquid crystals. A large body of work has gone into synthetic methods to functionalize aromatic rings, especially C-H functionalization. The vast majority of methods access a limited number of arene substitution patterns and I will discuss my groups efforts to use iodonium and aryne chemistry to access other more densely functionalized arenes. This work is conducted toward our long-term goal to oxidatively generate arynes from simple and readily available aromatic building blocks.

Students, meet the speaker after the seminar in a student/postdoc session from 5:45-6:15 pm

Date: Wed, Nov. 4, 2020

Time: 4:30-5:30 pm

Location: Virtual Seminar (Zoom)