



UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

Abbott Workshop Series in Synthetic Organic and Medicinal Chemistry

ASSOCIATE PROFESSOR ALISON FRONTIER

Department of Chemistry
University of Rochester

Associate Professor Frontier's research program is devoted to the planning and execution of syntheses of biologically and structurally interesting natural products. A particular focus is the use of transition metal catalysis to rapidly construct complex molecular architecture from simple starting materials.
<http://www.chem.rochester.edu/faculty/faculty.php?name=frontier>



New Twists in Nazarov Cyclization Chemistry

Abstract:

In the past few years, reports of catalytic versions of the Nazarov cyclization have attracted renewed attention to this 4π conrotatory electrocyclozation. The study of unusual variations of the reaction and their impact on the synthetic utility of the cyclization will be discussed. Applications of these methods to the synthesis of natural products will also be presented.

**4:15 p.m.
Wednesday, July 13
331 Smith Hall**

Host: Christopher Douglas

Sponsored by:



Abbott Laboratories