



THE UNIVERSITY OF
TOLEDO
1872

Department of Chemistry and Biochemistry

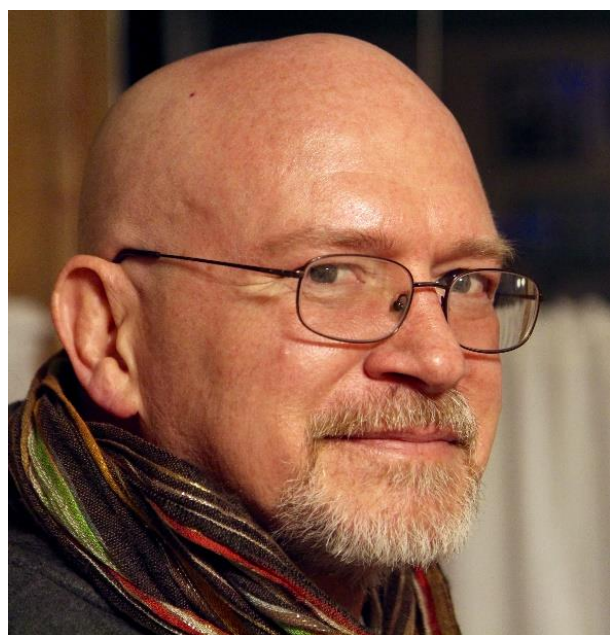
Colloquium Speaker

Organic

Syntheses

Lecturer

Professor Scott Rychnovsky, PhD



University of California, Irvine

"New Method for Synthesis and Structure Determination"

We have had a long-standing interest in structure determination. Assigning absolute configuration to a new structure is a time-consuming process. The Competing Enantioselective Conversion (CEC) strategy was developed in my group to determine the configuration of optically pure secondary alcohols and amines. This strategy will be discussed and further advances will be presented.

Alkaloids have been known for centuries and represent many of the classic problems in natural product synthesis. We will present recent approaches to lycopodium alkaloid synthesis using radical addition chemistry and intramolecular Mannich reactions as key steps.

Monday, April 9th, 2018

4:00 pm

WO 1205

Inquiries can be made to:
Drs. Steven Sucheck @ 419-530-1507
Steve.Sucheck@utoledo.edu
Peter Andreana @ 419-530-1930
Peter.Andreana@utoledo.edu